

Class Subclass		Class Subclass		Class Subclass	
Saber	30 165+	Wall and panel structures	109 58+	Guards finger ring	63 15.8
Sabots	102 517+	Safety Devices (See Casing; Guards)		Guards for pins	24 706.2+
Saccharic Acid	562 582	Air bag passenger restraints	280 728.1+	Guards for watch	63 24+
Preparation from carbohydrates	562 515	Ammunition arming	102 221+	Pins, design	D11 200+
Saccharides	536 1.11+	Automobile (see motor vehicle, safety promoting means)		Purse	150 102
Sacchariferous Material	127	Bank counter partition	109 10+	Safety pin making	163 7
Condiments and flavors	426 548+	Bed	5 424+	Pipe joint release	285 1+
Fermentation	435	Belt	182 3+	Pressure gauges	73 738+
Saccharimeter		Aircraft	244 122 R	Razor with sharpener	30 39
Chemical analysis	422 68.1+	Land vehicle	280 801.1+	Receptacle	
Fermentative test	435 4+	Inflatable	280 733	Apparel pocket strap	2 254
Hydrometer	73 32 R+	Motor vehicle related	180 268+	Barrel bung automatic valve	217 101
Optical analysis	356 366	Passive	280 802+	Fare box	232 15+
Saccharin	548 211	Seat	297 464+	Letter box	232 31+
Sachet	D28 5	Blasting cartridges	102 325+	Reflective triangle for highway use	40 903*
Slow diffuser	239 53+	Boiler sight glass with valves	73 333	Robot	901 49*
Sack (See Bag)		Bolt and rivet making	470 43	Roll bars passenger restraints	280 756
Cleaning with air	15 304	Closure obstruction responsive	49 26+	Saddle stirrups	54 49
Closing	53 285+	Cooking apparatus	99 337+	Screen for receptacle filling	141 97
Sewing filled sacks	112 11	Cutting art	83 DIG. 1	Seat belt passenger restraints	280 801.1+
Closures for flexible bags	383 42+	Digest art	83 DIG. 1	Separator, imperforate bowl centrifugal	494 12
Filling and packing machines	53 570+	Electric (see protection, electric)	361 1+	Shields	266 903*
Holdings	248 95+	Alarms	340 635+	Steam boiler	122 504+
Sewing	112	Arc lamp	314 10+	Theft	109
Suspensory bandage	602 67	Distribution cutout	191 8	Trigger for mechanical gun	124 40
Separable	602 68	Electric lamp	315 119+	Valve on muffler	181 237
Turners	414 754+	Electric switches for	200	Valves	
Weighing support	177 160	Elevator	187 277+	High temperature	137 75+
Sacramental Receptacle	206 19	Door edge	187 317	Line responsive	137 457
Saddlebags	224 191+	Lantern	362 157+	Low temperature drain	137 62
Saddles and Appurtenances		Lightning arrester	361 117+	Pressure relief	137 455+
Bed bottom top saddles	5 258	Lightning protection	174 2+	Steam boiler combined	122 504+
Boot and shoe last	12 127	Motor regulating temperature	236 89	Vehicle and railroad	
Building, roof running board or saddle	52 41+	Shock protective	174 5 R	Brake beam	188 210
Cable railway	104 115+	Systems	361 1+	Livestock carrying car sageguards	119 403
Clamp		Telegraph system	178 69 G	Motor vehicle	180 271+
Joint & connection	403 234	Telephone interface	379 412+	Moving train lander	104 19
Joint & connection	403 237	Explosion preventing	241 31	Railway block systems	246 15+
Pipe coupling, end to side or plate	285 197	Firearm lock	42 70.05	Railway car bridges	105 458+
Pipe elbow, cooperating clamp	285 180	Revolver	42 66	Railway car truck support	105 217
Clutch shipper	192 98	Fluid handling		Railway sidings	246 374
Design	D30 135+	Acetylene generator escape	48 56	Ship coupler tension release	114 217
Fiber preparation, rolling fibers through stirrup & saddle	19 273	Boiler devices	122 504+	Wagon neck yoke coupling	278 124
Garment support cord retainer	2 341+	Boiler feed heater valve	122 437	Wagon thill coupling	278 54
Locomotive boiler	105 44	Burner controls	431 14	Wagon tongue neck yoke retainers	278 51
Pack	54 37.1	Burner controls	431 18+	Watch and clock wheels	368 141+
Rail joint	238 224	Gas cookstove	126 42	Safety Pin	D11 206
Rail seat	238 280	Gas distribution	48 192	Safranine	544 348
Railway		Gas holder high pressure escape	48 175	Safrole	549 434
Cablerail hanger & saddle	104 115+	Heater cutout	236 21 R	Sag Preventers	254 388
Car replacer, one-way saddle	104 270	In fluid handling line	137 455+	Gate or door	49 396
Freight tank saddle & anchor	105 362	Internal combustion charge forming	123 529	Sagers	432 258+
Locomotive steam boiler saddle	105 44	Stove water back	126 35	Sailboat Design	D12 303+
Riding	54 44.1+	Valve	137 455+	Sails and Sailing Devices	
Design	D30 135	Furnace, solid fuel	110 193	Gate mounted wind balance	49 135
Rack, stand, holder design	D30 143	Fuses electric	337 142+	Land vehicles	280 213
Saddlebag	224 191+	Making	29 623	Railway vehicles	104 24
Velocipede	297 195.1+	Garments		Ships and boats	114 102.1+
Velocipede design	D06 354	Ankle or foot protector	D29 121.2+	Design	D12 303+
Seat		Arm guard	D29 120.1+	Salad Dressing	426 605
Design, post or support	D12 119	Eye and face protectors	D29 108+	Sales Books	462
Detachable window seat as fire escape	182 59	Hand protectors	D29 113+	Salicin	536 4.1+
Saddle actuated simulation of land vehicle	280 1.183	Headware	D29 102+	Salicylate	436 129
Straddle seat	297 195.1+	Leg guard	D29 120.1	Salicylic Acid	562 477
Support, special mounted post attached	248 219.4	Glass manufacturing machine	65 159	Acyclic acyl esters of	560 143
Shoemakers work support	12 127	Hat	D29 102+	Aroyl esters of	560 8+
Tank car	105 362	Lantern for miners	362 164+	Azo compound ctg	534 660+
Textile fiber drawing	19 284+	Lowering devices aeronautic	244 138 R+	Salinomycin, in Drug	514 460
Sadiron (See Flatiron)		Machine power stop	192 129 R+	Saliva Ejectors	433 91
Design	D32 68+	Drilling or screw-threading machine	408 710*	Salol	560 71
Safelight	362 3+	Press combined	100 341+	Salt (See Type of Compound)	
Photo safe lamp	362 803*	Medicinal composition with	424 10.1+	Condiments and flavors	426 650
Safeners	504 103+	Mine safety systems	299 12	Crusher	241
Safes and Safety Deposit (See Box)		Motor regulating temperature	236 89	Crystallizing	23 295 R
Buoyant	441 32	Nuclear	376 207	Evaporating	159
Deposit and collection	232	Control rod, reflector, shield	376 221	Fused bath	266 120
Depository with verification means	109 24.1	Monitoring	376 245	Inorganic	23
Photograph as record	346 22	Neutron absorbers	376 327	Ion exchange regeneration	210 190+
Design	D99 28+	Safety fuse	376 336	Process	210 670+
Food	109	Shielding	376 287	Licks for cattle and game	119 51.03
Incidentally movable safe	109 45+	Nuclear	976DIG. 298+	Design	D01 100
Match	206 96+	Paper		Mining	
Design	D27 173+	Design	D19 5	Extraction and crystallization	23 298
Plural compartment	109 53+	Fraud preventing coating	427 7	Thermal or solvent	299 5
Provision, ventilation of	454 183	Printed matter fraud preventing	283 74+	Organic	260
Ventilation of vaults	109 1 V	Pins and fastenings		Shaker	
		Carding	227 25	Comminutor combined	241 168+
		Chatelaine hooks	24 4	Design, mill or	D07 591+
				Dredge top dispenser	222 480

Class Subclass		Class Subclass		Class Subclass	
Hand manipulable type dispenser	222 142.1+	Laminated fabric sanding	156	Savings Boxes	232 4 R+
Sifter type dispenser	222 565	Sandblast abrading apparatus	451 75+	Paper type	206 815
Salting		Method	451 38+	Toy	446 8+
Apparatus	99 494	Scattering unloaders	239 650+	With register	235 100
Bread, pastry and confections	99 362+	Track	291	Saw	30 166.3+
Nuts	426 632+	Sandglass Design	D10 44	Band	30 380
Salvage (See Recovery; Reclaiming)		Sanding		Band saw	83 788+
Bell	405 185+	Belts	451 489+	Barrel head making	147 38
Scrap metal	29 403.1+	Blocks	451 540+	Bone	606 82
Submarine vessels	114 44+	Discs	451 490+	Trephine	606 172+
Combined with device	114 336	Drums	451 490+	Bow	30 507+
Salvarsan	556 66	Sandwich Making		Butchering	452 149+
Salves	424	Apparatus	99 450.1	Button blank sawing	79 15+
Sample Chargers		Process	426 502+	Chain	30 381+
Analyzer supply	73 864.81+	Sanitary		Chain saw	83 788+
Chemical analysis	422 63+	Equipment & handling	D23	Cleaners and oilers	83 169
Electron microscope	250 440.11	Napkins	604 358+	Dado	144 222
Nuclear energy detector	250 328+	Belt	D02 625	Drag saw	83 771+
Sample Devices		Design	D24 125	Frame	83 859
Baggage or case	190 16+	Shield	604 393+	Hand	30 166.3+
Card pasting machines	156 559+	Santalol (See Alicyclic Hydrocarbon)	585 350+	Fret	30 513
Display package	206 44 R+	Santonin	549 299	Gauge	33 202
Trays	206 557+	Sap Buckets	47 50+	Gin	19 55 R+
Sampler (See Pipette, Swab)	73 863+	Turpentine and rubber	47 11	Gummers	76 25.1+
Agitator combined	366 140	Sapogenins	540 17+	Wheels	76 45
Body contacting	604 1	Saponifying		Handsaws	30 166.3
Capture device	73 864+	Cellulose ether or ester fibers	8 130	Combined with other cutter	30 144
Chemical reaction, apparatus	422	Dyeing textiles combined	8	Combined with other tools	7 148+
Chemical reaction, method	23	Fats or oils	554 156+	Hole saw	408 204
Closed evaporating chamber	159 30	Mixtures	252 367.1	Making	76 25.1+
Container combined	141 22+	Natural resins	530 200+	Methods	76 112
Depth sounding	33 717+	Rosin	530 224+	Metal sawing machines	83
Diagnostic, liquid	600 573+	Saponin	536 4.1+	Saws	83 835+
Diagnostic, non-liquid	600 562+	Saran T M	526 343	Rotary	30 388+
Dispensing	222	Sarcophagi Molds	425	Scroll	83 783+
Dispenser combined	141 110+	Sarcosine	562 575	Hand	30 513+
Drop former	222 420	Sash		Sets	76 58+
Movable trap chamber	222 356+	Accessories		Stave jointing	147 28+
Distance sounding combined	33 713	Balances	16 193+	Stone sawing	125 12
Earth boring combined	175 308+	Burglar alarms and fasteners	116 16+	Surgical	606 176
Core	175 244+	Cord fasteners	16 202+	Table saw	83 477+
Electrical signal	327 91+	Cord guides	16 210+	Tables	269 289 R
Evaporating chamber combined	159 30	Electric switches	200 61.62+	Gauges	83 522.16+
Gas separator combined	96 413	Weights	16 216+	Modified for blade	269 83+
Gravitational separator combined	210 513+	Garment supporter	2 300	Teeth	83 835+
Mass spectrometer combined	250 288	Making	144 5+	Fastenings	83 840+
Milking machine combined	119 14.01+	Panel	52 782.1+	Vegetable and meat combined with	
Optical sample holder	356 244+	Sectioned	52 455+	cutter	83
Sample taking, cutting	83 919*	Window		Wood sawing devices	83
Textile treatment combined	68 185+	Locks for	70 89+	Design hand saw	D08 95+
Thermometer combined	374 157	Ventilating	454 211	Design, power saws	D08 64+
Well		Satchel (See Pouch)		Design, sawing machinery	D15 133
Packer and valve type	166 142+	Satellite (See Space Ship)	244 158.1+	Guards	83 440.2
Processes	166 264	Applications, photoelectric cell	136 292*	Guides	83 821+
Receptacle type	166 162+	Telecommunications, mobil repeater	455 12.1+	Wood silvering gang	144 189
Sampling, nuclear Reactor Condition	376 245	Saturable Core Reactor		Woodworking rotary cutter	144 222+
Sand		External or operator controlled	323 329	Sawbucks and Sawhorses	
Blast abrading	451 75+	Input responsive	323 302	Buck, ie holding or clamping	269 296+
Box playground	472 126	Linear amplifier systems	330 8	Horse, ie scaffold or plank	
Design	D21 815+	Non-linear reactor systems	307 401	supporting	182 181.1+
Clock	968 805+	Output responsive	323 249	Sawdust	
Excluding bands for wheels	301 123	Self regulating	323 310	Briquette	44 590+
Foundry mixing	366 1+	Transformer systems	323 250	Burners (see furnaces solid fuel	
Lime brickmaking	106 796+	Voltage magnitude control	323 253	burning sawdust refuse and	
Liquid filter	210 263+	Saturating		wet fuel)	
Rehabilitation process	210 791+	Fireproofing compositions	252 601	Fuel	44 506
Mold	164 349+	Preserving	422	Fur cleaning by	69 23+
Molding		Transformer	336 155	Making processes	241 28
Metal founding	164	External or operator controlled	323 329	Sawhorse	D25 67
Plastic block etc apparatus	118	Input responsive	323 302	Sawing (See Saw)	
Paper	451 526+	Output responsive	323 249	Button blanks	79 15+
Abrasive composition for	51	Regulating system	323	Dog	269
Applying devices	451 458	Self regulating	323 310	Feed	83 401+
Making and compositions	51 +	Sauces	426 589+	Metal	83
Reel or roll		Sauerkraut (See Kraut)		Sawmill dogs with carriage	83 721
Woven fabric take up	139 307+	Sauna		Stone	125 12+
Scattering devices	291	Bath	D24 203	Wood	83
Screeener or riddle	209 233+	Heater	D23 315	Saw table gauges	83 522.16+
Traps and separators		Sausage	426 129	Sawtooth Oscillator	
Paper making	210	Casing	426 140+	Driven	327 131+
Track sanders	291 11.1+	Inedible	428 34.1+	Free running	331
Washing	209 155+	Shirred casing	206 802*	Saxophones	84 385 R
Sandal	36 11.5	Wall structure	138	Scabbards (See Sheath)	224 232+
Making	12 142 S	Cookers		Design	D03 220
Overshoes	36 7.5+	Electrode type	99 358	Ice skate	280 825
Sanders and Sand Feed or Blast		Opposed heated surface type	99 380+	Sword	224 232+
Boiler cleaner	122 395	Spit or impaling type	99 419+	Design	D03 220
Brick and mold	118	Support combined	99 441	Scaffolds	182 179.1
Coating appliers	118 308+	Grinders	241	Bracket supports	248 235+
With electric orienting	118 640	Linkers	452 46+	Combined	182 129
Conveyers fluid current	406	Preserving	426 129	Convertible	182 20
Design	D08 62	Stuffers	452 35+	Ladder	182 27

Class Subclass		Class Subclass		Class Subclass	
Design	D25 62+	Track sanders	291	Textile cleaning	8 139+
Design, element or coupling	D25 68+	Scavenger & Scavenging		Scows (See Barges)	114 26+
Elevating means	182 141+	Anesthesia gas scavenging system	128 910*	Scram Rod (See Nuclear)	376 207
Foldable	182 152+	Oxygen scavenging	252 186.1	Component structure	376 327
Platform	182 222+	School		Element	376 219
Shaft supported	182 128	Bus signal lights	340 433	Scrap (See Trash)	
External	182 187	Desks and seats	297 135+	Binder device releasably engaging	
Scalder		Design	D06 335+	aperture or notch of sheet	402
Cleaning	134	Design, with drawer	D06 335+	Bindings	281 22
Fowl and hog	452 74+	Schreinerized Fabrics	26 69 R	Metal	
Peeler or parer combined	99 483	Science Teaching	434 276+	Box	428 576
Scale (See Weighers)		Scillin	536 4.1+	Cutting	83
Armored tire	152 206	Scissors (See Nipper; Shearing)	30 194+	Electrolytic stripping	
Bathroom	D10 87	Buttonhole	30 120	apparatus	204 193+
Lamellate composition	106 415+	Can opening	30 428	Electrolytic stripping of	
Metal scaling	29 DIG. 34	Design	D08 57	elemental layer from	205 717+
Music		Knife combined	30 146	Pile or fagot	428 588+
Automatic note selector	84 152+	Manicuring	30 29	Preheating or melting	266 901*
Enharmonic	84 451	Compound tool	132 75.4+	Reclaiming by	
Keyboard touch plate	84 428	Material holder combined	30 131+	Hydrometallurgy	75 715+
Optical element combined	359 436+	Nipper combined	30 145	Metallurgy	75 401+
Optical pointers	359 436+	Plier combined	7 135+	Scraper (See Rake; Removers)	
Pans	177 262+	Sharpening		Boiler cleaning	122 387
Price	177 25.11+	Abrading design	D08 93	Bone	606 84+
Register	235 124	Apparatus	76 82.2	Bristle brush combined	D04 116+
Remover and preventer		Combined with can opener	D08 35	Bulldozer	172 811+
Composition	510 247+	Power sharpener	D08 63	Carbon black making	422 150+
Dentistry	433 143	Process	451 45	Caster wheel attachment	16 41
Electrolytic apparatus	204 196.01+	Scleroscope	73 79	Cleaning device	15 236.01+
Electrolytic cleaning of metal		Scoop	D07 691	Brush combined	15 111+
or metal alloy	205 705+	Bag filling	141 108+	Brush paint can attachment	220 695+
Electrolytic protection of metal		Ditchers	37 379+	Design, food	D32 40+
or metal alloy	205 724+	Slit trencher	37 367+	Design, food preparation	D07 688+
Fish	452 71+	Dredgers	37 341	Inside pipe or tube	15 104.16+
Hammer	29 81.15	Excavating	37 411+	Machine	15 93.1+
Magnetic apparatus	422 186.02+	Ice cream	425 118	Vacuum cleaner nozzle combined	15 401
Metalworking	29 81.01+	Ice cream	425 221	Windshield wiper combined	15 256.5+
Water softener	252 175+	Ice cream	425 276+	Conveying from heat	
Rule or	D10 71+	Design	D07 681	Exchange surface	165 95
Ruler	33 494	Kitchen	294 55	Conveyor belt unloader	198 637
Square	33 474	Pump	417 232	Cooking or baking molds combined	249 77
Typewriter	400 705+	Railway graders	37 106+	Cutting tools	30 169+
Line spacing	400 548+	Rotary dryer	34 188	With material holder or	
Weighing instrument	177	Shovel	294 55	disposal	30 136
Design	D10 87	Sifter support	209 418	Drying rack	34 185
Scallop		Snow excavator	37 264+	Drying rake attached	56 400.05+
Processing for food	452 12	Vehicle fender	293 42+	Earthworking	172
Scalpels	606 167+	Scooter Vehicle	280 87.01+	Railway snow excavator	37 214+
Scanning		Toy	D21 423	Transverse endless road grader	37 388
Antenna	359 197+	Scopolamine	546 91	Eraser	30 169+
Facsimile	358 474+	In drug	514 291	Burnisher combined	7 124+
Optical	359 197+	Score Boards		Filter cleaning	210 407+
Electrophotographic copier	399 206+	Bowling	473 69+	Furnace ashpan	110 170
Periodically moving optical element	359 197+	Changeable	116 222+	Grinding or milling member cleaner	241 166+
Periscope	359 402+	Electric sign, matrix	345 73	Heat exchange cylinder	165 97+
Photoelectric	250 200+	Electric sign, monogram	345 44+	Hog scraper	452 94+
Television	348	Computer scoring for	700 92	Scalder combined	452 75+
Telescope	359 399+	Electric annunciator	340 323 R	Household cleaning tool	D32 35+
Scarecrow	40	Electrical registering type	377 5	Intaglio printing wiper	101 169
Noise maker		For games	116 222	Rotary with transfer	101 154
Bells	116 148+	Electrical	340 323 R+	Wiper for rotary	101 157
Horns	116 137 R+	Games	235 90	Land vehicle wheel attached	280 855+
Scarf		Image projection	353 45	Leather manufactures	69
Apparel	2 207	Printed matter	283 48.1+	Metallic receptacle combined	220 695+
Design	D02 500+	Target combined electrical	273 371+	Pipe bowl	131 246
Design fur	D02 601	Target combined mechanical	273 378+	Plow or cultivator	172 610
Design haberdashery item	D02 500+	Scorers for Games	D10 46.1	Porous block filter cleaner	210 116+
Design shaped	D02 500+	Scoring (See Notes To)	33 18.1+	Sealed bearing	384 137
Design shaped ascot	D02 605+	Implements	30 164.9	Shoe	15 237+
Hanger for fur	223 97	Indenting stylus	81 9.2	Design, boot or	D32 47
Joint	238 230+	Machines	83 861+	Scraper for vehicle	D12 203
Slide holder	D11 202+	Metal working	29 DIG. 33	Snowplow	37 266+
Scarifying (See Skiving)		Of paper	493 396	Stamp scarifier	81 9.21
Apparatus for metal	266 51+	Paper bag making	493 228+	Surgical	606 159
Blowpipes	239 398+	Paper box making	493 59+	Design	D24 146+
Processes for metal	148 194+	Plane	144 186+	Wick trimmer	431 120
Scarifier		Registers	235	Woodworking	144 115
Earthworking	172	Score line, support	248 909*	Scratcher	
With scraper	37 381+	Static mold for making scored item	249 52	Ash receiver combined	131 234
Stamp	81 9.21	Wood slicing combined	144 42	Back	601 137
Surgical		Scotch Block	104 258	Cigar cutter combined	131 249
Lancet	606 181+	Scotch Yoke	74 50	Cigar or cigarette combined	131 351
Other instruments	606 186	Scourer and Scouring		Match	44 643
Receptor combined	604 22	Abrading	451 103+	Match combined	44 510
Scattering (See Sprayer; Sprinkling)		Polishing combined	451 66+	Safe combined	206 137+
Drying apparatus centrifugal	34 59	Tools	451 523+	Smoking device combined	131 185
From aircraft	244 136	Tumbling	451 326+	Well	166 170+
Insect powder dusters	239	Concentration of natural current	405 73	Screed	
Non-fluid material scattering	239 650+	Dredger	37 342+	Plastering	52 364+
Planting broadcasting	111 8+	Grain	99 600+	Corner	52 255+
Pneumatic conveyor discharge	406 157+	Processes	426 483+	Road or pavement	404 118+
Road treating material	404 101+	Pad, household use	D32 40+	Screen (See Shield; Sifter)	

Class Subclass		Class Subclass		Class Subclass	
Bed	5 512	Valve applier	29 217+	Combined	254 7 R
Combined	5 163	Wrench	81 155+	Electrostatic	254 92
Cathode ray tube	313 461+	Apparel fastener	D11 200+	Nail extractor	254 7 R
Color lantern	362 166+	Capping nails & screws	470 5+	Printers quoins	254 41
Decorative panels	D06 332	Clamp grip and vise		Sail	114 109+
Electrophotographic electrode	399 244	Belt fastener clamp	24 37	Stretcher	254 231+
Electrophotographic photoreceptor	399 159+	Boot antislip anchor	36 65	Carpet	254 200+
Fireplace	126 544	Cable grippers railway	104 210	Traversing jacks	254 85
Fluid current	210 348+	Cable grippers railway	104 223	Making	470 8+
Dredgers with	37 318+	Clamps	269 86+	Abrading	451 48
Faucet combined	210 449	Fence rail cross connections	256 69	Capping	470 5+
Flume	210 154+	Fence wire cross connections	256 55	Lathe cutting	82 110+
Gas filter	96	Mop holder	15 153	Machine	29 33 R+
Restrictor with	138 41	Rope holders nut clamp	24 135 R+	Mold	164 216
Starch making	127 25	Skate toe or heel	280 11.32	Molding glass	65 309+
Track sander	291 48	Vises	269	Rolling	72 88+
Track sander fluid delivery	291 13	Closure		Rolling process	72 365.2+
Fluorescent	250 483.1	Breech ordnance	89 19+	Threading	408
Furnace door fluid screen	110 179	Dispenser	222 549+	Wire and inserting	29 564.6
Furniture	160 135	Jar or bottle cap	215 329+	Wood	470 59
Gas filter	96	Jar or bottle stopper	215 356+	Pipe and rod joints and connectors	
Glare auto	296 97.1+	Metallic receptacle	220 288	Chucks	279
Grid	313 297+	Pipe and tubular conduits	138 89+	Electrical connectors	439 191+
Structure	313 348+	Watchcase	368 310	Rod joints	403 343
Half-tone	359 893+	Wooden barrel bungs	217 107	Sockets	279 9.1+
Chemically defined	430 6+	Closure remover	81 3.45	Ties railway screw rods	238 53
Insect trap with	43 119	Connectors electric	439	Press	
Luminescent		Fixture	439 641+	Die cutting	83 631
Nuclear reactions	376 153	Outlet box	439	Dispenser follower	222 390
Nuclear reactions	376 156	Switch with	200 51.14+	Forging	72 454
Nuclear reactions	376 463	Conveyor & feeder (see conveyor, screw; feeder)	209 913*	Propeller	
Process of making	430 23+	Acetylene generator carbide		Air	416 176
Optical filter	359 885+	feed	48 54	Aircraft with	244 65+
Color photography using		Drill feed	408 129+	Ship	440 49+
monochrome film	396 305+	Furnace type	414 197	Ship manual drive	440 21
Infra-red	359 350+	Hollow heat exchanging	165 87	Pump	415 71+
Photographic chemically defined	430 4	Lathe feed	82 141	Agitating	366 266
Ultra-violet	359 350+	Locomotive tender feed	105 234	Setscrew guard	74 617
Phosphorescent	250 483.1	Mill feed	241 246+	Setscrew guard knob	292 351
Photographic	D16 241	Sand feed track sander	291 33	Thread gauge	33 199 R
Photographic printing	359 893+	Sausage stuffer	452 44	Threading	470 10
Chemically defined	430 6+	Screw or cam conveyor	29 DIG. 100	Valve	251 216
Plant	47 20.1+	Static receptacle	414	Bottle	215 314
Frost preventing	47 2	Stoker feed	110 110	Dispenser	222 549+
Tree covers	47 23.1	Typewriter feed	400 328+	Screwdriver	81 436+
Potato digger	171 71+	Vegetable and meat cutting and		Combined with diverse tools	7 165+
Potato digger	171 111+	comminuting feeds	241	Combined with diverse wrench	81 437
Plow combined	171 71+	Wood slicer feed	144 179	Constructed from specific material	81 900*
Plow combined	171 111+	Design	D08 387	Design	D08 82
Projection, ie movie	359 443+	Driver (see screwdriver)	81 436+	Floor jack	254 13
Projector light	362 257+	Constructed from specific		Eye screw, adapted for	81 901*
Racks with	211 180	material	81 900*	Machine	81 54
Safety for filling devices	141 97	Electrical connection formine	7 108	Scriber (See Scoring)	33 18.1+
Seat combined	297 184.1+	With screw feed	81 57.37	Barrel head making	147 37
Sifters	209 233	Earth boring bit	175 327+	Hand device	147 41
Special ray, eg x-ray	250 483.1	Elevator drive	187 267+	Scroll	
Stuff working		Excavators	37 351+	Actuated chuck	279 114+
Forming fiber articles	19 148	Extractor	81 436+	Display control	345 684+
Forming fiber webs	19 304+	Fastenings		Saw	83 783+
Paper pulp	210 348+	Bottle or jar closure clamp	215 281+	Hand	30 513+
Track sander	291 48	Bottle or jar closure clamp	215 283	Handle	30 525
Typewriter keyboard	400 714+	Bottle or jar closure pivoted		Type comminutor	241 276
Urinal	4 292+	fastener	215 243	Scrubbing and Scrubber	
Warship armor	114 14	Fluorescent or phosphorescent	250 462.1	Bathing apparatus combined	4 606
Well screen	166 227+	Horseshoe	168 23	Brushes	15 159.1+
Earth boring means combined	175 314	Latch bolt	292 251	Holders	15 146
Making	29 896.61+	Latch bolt operator	292	Material supply combined	401 268+
Window	160	Adjustable backset	292 1.5	Design, equipment	D32 35+
Design	D25 53	Lock bolt	70 140	Floor and wall machines	15 50.1+
Wire fabric	245	Machine i.e bolt	411 378+	Gas (see gas, liquid contact with)	261
Making	140 3 R+	Rail joint chair	238 202	Implement, general cleaning	15104.001+
X ray		Rail joint slide fastener	238 332	Implements for textile washing	68 220
Bucky grid	378 154	Rail joint tie plate	238 303	Kneeling stools	182 230
Film	378 185	Separable button	24 105	With tool holder	182 129
Fluorescent or phosphorescent	250 483.1	Setscrew	403 362	Machines for cleaning	15 3
Tube with secondary ray	378 140	Setscrew knob	292 350+	Mops	15 208+
Screen Saver	715 867	Spikes railway	238 372+	Strand material	15 226
Screw (See Threaded)	411	Tool handle	403	Pails	15 264
Adjusted or actuated (see valve)		Watchcase bow pendant	368 304	Textile washing machines	68
Chair pedestal design	D06 364+	Wood	411 378+	Washing or cleaning methods	134 6+
Drill tip type end	411 387.1+	Gearing	74 424.7	Washtub surface	68 233
Dump door railway car	105 307	Clutch operator	192 94	Sculpting	
Hoop driver	147 11	Intermittent mechanical		Articles for	D19 35
Mechanical pencil lead feed	401 68+	movements	74 111+	Chisel	D08 47
Puller	29 256+	Mechanical movements	74 20+	Hammer	D08 75+
Punch	83 631	Nut with	74 424.71	Knife or spatula	D08 98+
Railway track pedestal	238 120	Power limit stop	192 141	Sculpture (See Product)	
Reciprocating bender	72 454	Ship steering	114 155+	Design	D11 131+
Stand	248 405+	Steering control	74 499	Fauna	428 16
Stool	108 138	Jack lifter stretcher & tightener	254 98+	Layer varying thickness	428 156+
Switch	200 507	Barrel hoop	217 95	Manipulable	446 268+
Tube and bar drawing	72 287			Milling machine	409 79+

Class Subclass		Class Subclass		Class Subclass	
Photographic process.....	430 323+	Envelope.....	229 80+	Seat or lid opener or closer	4 245.1+
Teaching.....	434 82+	Envelope fastener.....	229 79	Ventilated	4 217
Scupper	114 182	Fountain pen cap combined.....	401 245	Bed	5 653+
Scutching	19 5 R+	Lock combined.....	70 440	Belt passenger restraints.....	280 801.1+
Beaters.....	19 85+	Metallic closure	220 200+	Safety buckle	D11 200+
Scuttle		Padlock combined.....	70 50	Boat	114 363
Operators	49 324+	Safe door jamb.....	109 64+	Cabinet with.....	312 235.2+
Scythe	30 309	Zipper.....	24 418+	Convertible to railway berth.....	105 322
Design.....	D08 12	Magnetic.....	49 478.1	Design	D06 334+
Handle fastening	403	Making sheet metal container seams		Grinders, milling	409 64+
Nib joints	403	or solder seals.....	413	Guards and control for amusement	
Sea Calming	114 232+	Moistener combined.....	156 441.5+	railways etc.....	104 241
Seafood	426 643+	Movable shafts.....		Harvester combined.....	56 323
Preservation.....	426 321+	Circumferential contact seal	277 500+	Heated.....	4 DIG. 6
Antiseptic and pickling.....	426 654	Close proximity seal.....	277 409+	Land vehicle.....	296 63+
Canning.....	426 392+	Notary	101 3.1+	Rear seat windshields	296 85
Dehydration.....	426 471+	Nuclear fuel components.....	376 451	Light combined.....	297 217.6
Refrigeration.....	426 524	Sealing wax applier.....	401 1+	Vehicle.....	362 483
Weed compositions.....	536 3	Separator, imperforate bowl		Light thermal and electrical	
Seal, Sealer, & Sealing		centrifugal	494 38+	application	607 115+
Apparatus for making plastic seals..	425	Stamp or.....	D19 12	Locks	70 261
Molding with reinforcements	425 500+	Tamper indicating		Mechanical parts	
Band or wire applier	140 150+	Fluid handling	137 384	Bottle or jar closure cap.....	215 316+
Battery.....	429 172+	Pipe joint	285 80	Pivoted seat motor	185 15.5
Bearing		Terminal	429 181+	Rail seats	238 264+
Ball combined	384 477+	Wax		Railway rail joint base plate.....	238 215
Ball combined with lubrication....	384 462+	Appliers	401 1+	Tool handle fastening	
Plain.....	384 130+	Compositions	106 218+	Adjustable.....	403 83+
Books having	281 18	Zipper surface sealed.....	24 389	Tool handle fastening rigid	403
Bottle cap	425 809*	Sealed Beam Lights	313 113+	Valve (see valve and valved	
Caulking ships.....	114 86	Seam		devices)	
Caulking tools	81 8.1	Adherent making		Occupancy indicator.....	116 200+
Metalworking	72 463	Apparatus	156	Electric	340 667
Cigar or cigarette wrapper.....	131 67+	Process, butt ending.....	156 304.1	Occupant carried	297 4
Closure	49 475.1+	Bag bottom seamless.....	383 122	Occupant guards or restraints.....	297 464+
Actuated.....	49 303+	Binding devices for sewing machine	112 137+	Passenger recording by depression .	346 40
Operator.....	49 316+	Calking on ships	114 86	Railway passenger car	
Conduit cable or conductor ends.....	174 77 R	Cloth rubber and leather	2 275+	Convertible open and closed.....	105 336
Cylindrical cell.....	429 171+	Pressing.....	69 7	Placement	105 345+
Electron tube sealing	53 DIG. 3	Sewed seams	112 475.01+	Seat back side guard control	105 441
Envelope sealing & stamping.....	156 442	Sewing	112	Rubber	4 DIG. 8
Fuel cell.....	429 35+	Shoe upper	36 57	Saddle tree and seat connection	54 42.1
Glass		Hosiery	66 179	Sofa bed	5 12.1+
Compositions	501 15	Simulated	66 181	Toilet	4 237+
Electronic tube having	174 50.5+	Metal		Trackmans car.....	105 94
Gas or vapor lamp having	313 623+	Can side making.....	413 69+	Vacant seat signalling system	340 667+
Incandescent lamp having	174 50.5+	Container spout.....	222 574	Vehicle	
Incandescent lamp having	220 2.1 R+	Fusion-bonding apparatus.....	228	Auxiliary.....	297 232+
Incandescent lamp having	174 17.05+	Opening device	220 260+	Velocipede	297 195.1+
Lamp or discharge device making		Receptacle	220 677+	With body modification	296 63+
Apparatus.....	65 152+	Receptacle end structure.....	220 600+	Walk over.....	297 94+
Processes.....	65 36+	Sheet edge interlocking.....	29 243.5+	Seat Belt Restraints	297 464+
Hermetic (see air lock)		Sheet methods	413 1+	Safety buckle	D11 200+
Drying or gas contact		Tube of sheet material	72 48+	Seaweed, Artificial	405 24
Chamber having.....	34 242	Wire fabric having	245 10	Sebacic Acid	562 590
Processes using	34 402+	Paperbox box	229 198.2+	Second Detector Radio	329
Inflatable toys having	446 222	Pipe having longitudinal	138 156+	Secondary	
Preserving food by	426 392+	Distinct layers	138 151+	Battery.....	429 149+
Still	202 269	Flexible.....	138 128	Charging & discharging systems .	320
Valve actuator	251 335.1+	Pipe having spiral	138 154	Emitters	313 103 R+
High frequency electric sealing	53 DIG. 2	Distinct layers	138 150	Amplifying system	330 42
Inflatable	49 477.1	Flexible.....	138 129+	Cathode ray tube	313 399
Light		Receptacle paper crimped end.....	229 5.6	Cathode ray tube	313 387
Plate holders having	396 518	Searchlight	362 35	Cathode ray tube system.....	315 11
Liquid (see trap)		Boat type	362 477+	Cathode ray tube system.....	315 12.1
Barrel bung.....	217 105	Bulbs	313	Prevention	313 106+
Bottle and jar closure	215 234	Searing		9, 10-Seco-	
Dispenser type	222	Leather	69 7.5	Cyclopentanohydrophenanthrenes	552 653
Flow meter having	73 234+	Seasonings	426 650+	Secret	
Gas making cupola having	48 69	Seat	297	Communication	
Gas separator combined	55 355	Actuated		Electronic, funds transfer.....	705 64+
Hardenable liquid jar closure	215 233	Abrading work holder.....	451 368	Facsimile.....	380 243
Liquid seal only	429 78	Brake.....	188 109	Radio.....	380 31+
Machine, ie bolt.....	285 10+	Dry closet	4 473	Radio, pulse or digital	380 37
Metallic receptacle closure	220 216+	Flush valve.....	4 250	Telegraph	380
Plastic seal jar closure	215 233	Seat or lid opener or closer	4 245.1+	Telephone.....	380 41
Rotary expandable		Seat subclosure.....	4 238	Television.....	380 200+
chamber device.....	418 104+	Trackmans car	105 94	Access control	725 25+
Seal for a joint or juncture	277 431+	Water closet	4 408+	Compartment type cabinet	312 204
Sewerage having.....	137 247.11+	Agricultural implement	172 431+	Cryptography photo copying.....	355 40+
Valve.....	137 251.1+	Aircraft	244 122 R	Including fiber optics	355 1
Valve interface	137 246+	Safety lowering devices.....	244 141	Sectional	
Liquid barrier	277 431+	Back	297 445.1+	Boilers	122 209.1
Centrifugal.....	277 427+	Backless.....	D06 349+	Radiators	165 130
Lock, closure fastener	292 307 R+	Backpack convertible to	224 155	Sectional Unit Cabinet(See Knockdown)	312107+
Barrel bung.....	217 114	Bath and closet	4 237+	Cooking apparatus.....	99 449
Bottle cap with separate		Bathtub	5 652+	Horizontally attached receptacle	
fastener.....	215 273+	Chemical holder in seat.....	4 229	sets	220 23.4
Bottle or jar closure	215 200+	Cover	4 245.1+	Securing Means (See Connection; Lock;	
Closure fastener bolt	292 327	Covers combined	4 234+	Retainers)	
Closure fasteners with	292	Disinfecting	4 233	Closure	292
Electric connector.....	439 271+	Dry closet subclosure.....	4 485+	Adjustable backset.....	292 1.5

Class Subclass		Class Subclass		Class Subclass	
Bendable	292 253	Corer combined	99 545+	Electrolytic apparatus	204 225+
Locks	70	Parer combined	99 543	Self Binding	
Portable	292 289+	Seine Needles	87 60	Cornstalk cutters	56 67+
Grille	52 507	Seines	43 14	Shockers	56 429
Rims land vehicles	152	Seismology		Shockers automatic feed	56 403+
Demountable	301 11.1+	Computer controlled, monitored		Self Developing Camera	396 30+
Sheathing	52 506.05+	Artificial intelligence	706 929*	Self Healing	
Shingle type	52 443+	Seismic ware prospecting		Stock material	428 912*
Sheet members		(see prospecting)		Tires	152 502+
Billiard cloth	473 30	Computer combined apparatus	367 60	Self Heating	
Fabric (see notes to)	160 382+	Earth boring combined	175 1	Article, by electricity	219 201+
Sheet members on drums	346 138	Instruments	33 1 HH	Self Leveling	
Spokes	157 1.55	Seismographs or seismometers	181	Furniture	114 191+
Tires land vehicles	152	Electro-acoustic	367 14+	Head on stand	248 182.1
Tires railway	295 15+	Mechanical	73 649+	Tank or boiler	280 7
Vehicle parts		Recording	346 7	Vehicle body	280 6.15+
Bodies	296 35.1+	Submarine signaling	367 15+	Self Loading Vehicle	
Bodies on & off freight		Vibration testing	73 649+	Excavator	37 304+
containing	410 77	Selective Delivery		Road vehicle	414 467+
Mud guards	280 154	Charging discrete loads to plural		Self Service	
Top and side boards	296 36	static structures	414 266	Plural related surfaces	
Wheels railway	295 43+	Conveyor power driven	198 348+	horizontally adjustable	108 102+
Securities, Commodities		Material treatment		Stores	52 33
Security Information	726 1+	Differentially comminuted mixed	241 14	Tables, power driven surface	108 20+
Computer controlled, monitored	705 35+	Preceding sorting	209 4+	Tables, terraced rotatable	108 94+
Security Instruments	D10 104+	Pneumatic dispatch	406 1+	Self Starter for Engines	
Metal detector for airports	340 568.1+	Railway	104 88.01+	Dynamoelectric	290
Metal detector for library books	340 572.1+	Signal and switch		Mechanical	123 179.1+
Sediment		Electric annunciator	340 500+	Self Winding	
Feed heater valve	122 429	Electric signal	340 825+	Clocks	368 148
Filter combined	210 299+	Railway automatic switch	246 323	Spring & weight motors combined	185 7
Liquid purification or separation		Railway facing switch	246 424+	Spring motor	185 40 R+
Automatic discharge	210 112+	Railway train dispatching	246 5	Plural	185 11+
Gravitational apparatus	210 513+	Store service	186 20+	Toys spinning	446 249
Gravitational process	210 800+	Telephone hook switch	379 424+	Watches	368 207
Precipitation process	210 702+	Telephony automatic switches	335 108+	Weight motor	185 33
Seed		Time controlled alarm	340 309.16+	Selsyn	318 692+
Coated or impregnated	47 57.6	Store service		Communication systems	340 315
With antidotes, biocides		Cable propulsion	186 15	Telautograph	178 19.01+
herbicides	504 100	Gravity system	186 3	Telemetering	340 870.34
Comminuting	241 6+	Switches	186 20+	Selvage	
Cooker	422 307+	Suspended road vehicle unloading	414 377+	Edge coating	427 285
Disinfecting compositions	424	Selective Systems	340 825+	Forming	139 430
Extraction, fatty oil from seed	554 9+	For control in well bore	340 853.3+	Knitting	
Germinator	47 61	Selector		Welf fabric	66 172 R+
Apparatus fermentative	435 283.1+	Dispensing magazine		Welf machines	66 95+
Apparatus fermentative	435 283.1+	Stacked article ejector	221 92+	Trimming	26 11+
Fermentation combined	435	Electric annunciator station	340 286.11+	On loom	139 302+
Pellet planters	111 914*	Electric organ tone partials	84 615+	Weaving	
Proteins	530 370	Gear shifting	74 342+	Warp traversing	139 54
Coating or plastic compositions		Label pasting machine	156	Welf loop retainers	139 195
containing	106 125.1	Lock or latch operator		Semantic Network	
Removing or separating		For cabinets	312 215	Linguistics	704 1+
Decorticating combined	19 6	Lock tumbler type	70 305	Semaphore	
Fruit apparatus	99 547	Musical automatic instrument	84 115+	Flags	116 173+
Fruits and vegetables processes	426 484+	Musical instrument key	84 442	Hand set indicator	116 319
Ginning	19 39+	Phonograph cabinet disk record	312 9.11+	Spectacle	246 484
Seed or rod holders	117 911*	Pile fabric selected warp	139 404+	Structure	246 479+
Seedling containers	47 77	Planetary gearing	475 131+	Switch stand	246 409
Seedling transplanters	47 77+	Printing telegraph	178 33 R+	Train dispatching	246 18
Stripping or gathering	56 126+	Printing telegraph page	178 27	Semi-Compound Steam Engines	91 8+
Motorized	56 12.9+	Punch	234	Semicarbazide	564 34
Threshing type	460 123+	Coded	234 94+	Semicarbazones	564 36
Tapes	47 56	Railway dump car door	105 287	Semiconductive Alloys	420 903*
Making, methods of	53 467+	Tabulator column	400 284+	Barrier layer composition	252 62.3 R+
Planting	111 199	Telephone automatic testing	379 17	Semiconductor Device Making (See	
Testers	47 14+	Textile warp preparing	28 202	Semiconductor Junction Forming)	
Untreated	800 295+	Typewriter case	400 251+	Bipolar transistor manufacture	438 309+
Seed Corn Stringers	139 19	Weaving separate weft	139 453	Heterojunction	438 312+
Seed Pulling Apparatus	117 208+	Zither chord	84 286+	Complementary mosfet (cmos)	438 199+
Seed Pulling, Crystalization	117 13+	Selenazine	544 1	Electron emitter making	438 20
Seeding	111	Selenazole	548 100	Field effect device manufacture	438 142+
Crystal growing or forming	23 301	Selenium	423 508	Insulated gate transistor	438 197+
Sugar making or refining	127 60	Cell		Floating gate	438 257+
Seesaw		Generator type	136 243	Vertical channel	438 268+
Amusement device	472 106+	Resistive type	338 15+	With capacitor	438 239+
Combined with roundabout	472 4+	Compounds		Junction gate transistor	438 186+
Design	D21 412+	Binary	423 509	Schottky gate transistor	438 167+
Amusement railway		Organic	562 899	Injection laser making	438 22+
Car drive	104 80	Ternary oxy	423 508	Micromechanical	216 2
Swinging car	104 81	Photoelectric	430 84	Passive electrical device	438 381+
Track	104 79	Coating process	427 76	Photovoltaic device manufacture	438 56+
Figure toy	446 322	Rectifier	257 42	Selectively interconnecting	438 128+
Seiger Cone	374 106	Manufacture	438 102	Metallization	438 598+
Segment		Self Aligning Bearings		Strain gauge making	438 50+
Closure fastener keeper	292 341	Ball	384 495+	Semiconductor Junction Forming (See	
Harvester platform adjuster	56 215+	Plain radial	384 192+	Semiconductor Processing)	
Nuclear fuel	376 429	Plain thrust	384 193+	Diffusing dopant into substrate	438 542+
Pinion	74 32	Railway car brasses	384 191.1	Fusing dopant with substrate	438 537+
Rim gear	74 448	Shaft hangers	384 205	Heteroepitaxy	117
Ship steering mechanism	114 159	Self Baked Electrodes Furnace		Ion implantation	438 514+
Segmenter	30 114	Arc	373 60+	Isolation	438 400+

Class Subclass		Class Subclass		Class Subclass	
Seed pulling	117 22	Boiler	122 488+	Combined with grain hulling	99 601+
Sliding liquid phase epitaxy	117 61	Furnace draft regulators	110 148	Gas borne comminuted material	241 49+
Tipping liquid phase epitaxy	117 59	Heat exchange surface type		Screen with comminutor	241 69+
Vapor phase epitaxy	117 89+	condenser	165 111+	Sifting through comminuting	241 83
Semiconductor Processing		Liquefaction processes with	62 617+	Surface	241 83+
Coating (see metallization)	438	Liquefiers and	62 617+	Stratifying	209 422+
Electrolytic	205	Liquid separation		Combines	209 12.1+
Coating and etching	438 694+	Combined	55 421	Electrostatic	209 131
Sputter coating	204 192.25	Process combined	95	Suspension combined	209 12.1+
Chemical etching	438 689+	Meters with liquid and	73 200	Strand spinning etc.	57 354
Chemical-mechanical	438 692+	Pneumatic fiber cleaning	19 205	Structurally defined	429 129+
Dicing	438 460+	Separate fluid heated		Tobacco feeding	
Directly applying electric current	438 466+	boiler with	122 34	Cigar making	131 110
Electromigration	438 468	Well combined	166 265+	Cigar making bunch	131 40+
Gettering	438 471+	Glass mold	65 357+	Leaf disassociating	131 327
Ion implantation of dopant	438 514+	Grain scourers with	99 600+	Tobacco stemming	131 313+
Ion milling	204 192.34	Grain threshing	460 79+	Tooth	433 148
Irradiation of semiconductors	250 492.2+	Liquid	210	Type matrix separator	199 42
Laminating or bonding	438 455+	Beverage infusing apparatus	99 279+	Distributing to magazines	199 41
Metallization	438 584+	Beverage processes milk fat	426 491	Typesetting line	276 35
Electroless coating	438 678	Chemical extracting or leaching	422 261+	Vegetable disintegrator and	241 68+
Electrolytic coating	205	Concentrating evaporator liquid	159 31	Weldless chain making link	59 11
Forming schottky contact	438 570+	Crystal producing and	159 45	Yeasts etc from liquids	435 261
Sputter coating	205	Electrical apparatus for	204 660+	Septic Field	405 36
Mounting or housing	29	Electrical processes for	204 554+	Septic Tanks	210 513+
Glass shaping to encapsulate	65	Electrolytic material treatment	205 687+	Construction	52
Making photovoltaic device	438 64+	Electrophoresis or electro		Purification	210 601+
Fusion bonding to metal	228 123.1	osmotic	204 450+	Gravitational separator combined	210 513+
Single crystal formation	117	From solid separators	4 DIG. 19	Sera	424 130.1+
Testing, electrical	324	Gas contact apparatus with	261 2+	Serrating Edges for Tool Sharpening	76 89.1
Thermal treatment	438 795+	Gas operated motor condensate	415 169.2+	Serrefines	606 221+
Semitrailer	280 423.1+	Gas separation combined	55 421	Serums	424
Sensing	73	Process	95	Server and Service	186
Nuclear reaction condition	376 245	Oil residues from paraffin	208 30+	Cart	D34 14+
Control combined	376 207	Paper making	210	Strip server for coating machine	118 40+
Sensitizing Photographic	430 495.1+	Paraffin from mineral oil	208 28+	Table self service	
Coating processes	430	Sugar starch etc making	127	Plural related surface	
Developing combined	430 401+	Yeasts ferments etc	435 261	horizontally adjustable	108 102+
Sensitized elements	430 495.1+	Magnetic		Power driven surface	108 20+
Separation, proteins	530 412+	For separating iron particles		Terraced rotatable	108 94+
Separator and Separating (See Purifiers; Screen; Sifter)	427 247	from other substances	209	Timing mechanism for telephone	
Battery	429 247+	For separating microorganisms	435 173.9	Train control service stop	246 184
Centrifugal		Metal founding mold	164 358	Type case feeding	276 45
Adhesion	209 60	Sprue	164 262+	Service Station	
Assembling apparatus	29 279	Ore metal and coal	422	Building type	137 234.6
Assorting	209 642	Potato digger bearing wheel	171 112	Canopy combined with pump	D15 9.1+
Fermentation apparatus	435 283.1+	Refrigeration	62	Dispensers	D15 9.1+
Filters	210 360.1	Process	62 85	Gasoline pump	D15 9.1+
Fluid suspension	209 199	Solids	209	Lubricator or oil collector	D15 151+
Foraminous basket	68 23 R	Adhesion	209 45+	Mobile unit	D12 14+
Imperforate bowl	494	Adhesion combined	209 12.1+	Servomotor	
Auxiliary fluid supplied	494 23+	Comminution combined	241	Electric system	318 560+
Bearing	494 83	Electrostatic	209 127.1+	Hydraulic	91
Bowl	494 43+	Flotation	209 162+	Sesamin	549 435
Condition responsive	494 1+	Fluid handling combined	137 544+	Set, Display Pyrotechnic	102 355
Countercurrent flow	494 22	Fluid suspension	209 132	Sets	
Cyclic or timed	494 11	Combined	209 13	Nail sets	81 44
Filtering	494 36	Gaseous	209 133+	Radio telegraphy	375
Heating or cooling	494 13+	Grain scourers	99 518+	Telegraph portable key and	
Indicating, inspecting, etc.	494 10	Liquid	209 155+	sounder combined	178 78
Involving gases	494 900*	With cereal comminuting	241 9+	Telephone portable sets for	
Involving mercury	494 902*	With comminuting process	241 19	testing lines	379 21
Involving oil	494 901*	With cominution	241 38+	Telephone wall sets	379 435
Lubrication	494 15	With refrigeration	62 317	Setscrew	
Process	494 37	Fusible from nonfusible by heat	422 307+	Guard	74 617
Recirculation	494 35	Gaseous suspension	209 133	Shaft	403 362
Safety	494 12	Grain scourers	99 518+	Socket holder	279 83
Seals and sealing	494 38+	Sifting etc	209 12.1+	Settable Material	
Vibration damping	494 82	With cereal comminuting	241 9+	Bolt or nut to substructure lock	411 82
Oil dehydratation	208 187	With comminuting process	241 19	Bolt to nut lock	411 258
Sugar apparatus	127 19	With comminution	241 38+	Settees	297 232+
Sugar manufacture	127 56	With gas separation	95	Design	D06 334+
Vortical whirl gas	55 447	Ice cube tray	249 69+	Swinging	297 282
Coating or impregnating	427	Magnetic	209 212+	Setters Bowling Pin	
Cream	220	Combined	209 12.1+	Mechanical	473 73+
Diamagnetic	209 212	Pretreatment	209 8	Spots	473 102+
Drying	34	Sifter actuating elements	209 368	Spotters	473 87+
Exhaust vapors	34 79+	Stratifiers	209 478	Setting	
Egg	99 497	Mercurial adhesion	209 45+	Ammunition loading bullet	86 43
Electrolytic	204 295+	Mercurial electrolytic synthesis		Broom and mop handle	300 20
Fiber thread and fabric		of metallic oxides	205 545	Brush tuft	300 2+
Loom replenishing	28 202	Mercurial in metallurgy	75	Button eyelet and rivet	227 51+
Pneumatic cleaning	19 205+	Mercury alloy electrolytic		Electric clock hand	368 60+
Sheet conveying and	271 4.01+	synthesis	205 558+	Eyelets	227 51+
Sheet feeding and	271 10.01+	Mercury suspension	209 174	Gem	
Shoe sole sewing	112 29	Metallurgical	75	Jewelry	63 26+
Textile fiber liberating	19 1+	Mining and quarrying with	299 7+	Jewelry design	D11 91+
Tobacco leaf disintegrating		Molten metal	266 227+	Setting method and apparatus	29 10
with	131 312	Preservative compositions	252 381+	Watchmakers tools	81 6+
Gas	95	Scrap metal salvaging	29 403.3+	Glaziers points	227
Beer dispensing	137 170.1+	Sifting	209 233+	Leather	69
		Combined	209 12.1+	Plants	111 100+

Class Subclass		Class Subclass		Class Subclass	
Covers	47 32.2+	Threads	57 903*	Shooting combined for cleaning	15 96
Manual dibbling tools	111 92+	Treadle machine conversion	112 217.4	Sifter horizontal or inclined	209 309+
Register zero	235 144 R	Work manipulating	112 122+	Sifters	209 233+
Rivets	227 51+	Zigzag	112 157+	Sprinkler or sprayer	239 374
Hollow rivets	227 51+	Backstitch	112 451	Vehicle unloader	414 375
Saw	76 58+	Buttonhole	112 446+	Vehicle unloader tilting track	414 357
Stage	472 75+	Cam activation	112 459+	Pivotable movement	414 362
Staple	227	Cam actuation	112 459+	Receptacle	366
Switch	246	Electronic memory	112 453+	Clothes washing machine	68 171+
Type	276	Sextant		Table	
Watch stem winding and	368 190+	Artificial horizon	356 143	Grain separator straw carrier	460 90+
Watchmakers jewel setting tools	81 7	Artificial horizon	356 148+	Separator receiver	209 64
Wheel spokes	157 3+	Optical	356 138+	Sifter	209 309+
Wheel tires	157 5+	Straight ray	33 268+	Shale	
Wire spring	140 89	Shackle		Distillation	201
Wood pin	227	Animal restraining	119 814+	Mineral oil from	208 400+
Settling Tanks and Chambers		Design	D30 151+	Shale Oil	
Automatic fluid distributing	137 255+	Butchering	452 187+	Recovery	208 400+
Beer foam separators	137 170.1+	Chain link	59 86	Sham Holders Pillow	5 492
Carbon black making	422 150+	Closure fastening	292 328+	Shampoo	510 119+
Liquid separation and purification		Dies for making	72 472	Conditioner containing	510 119+
Decanter and filter	210 295+	Foot and hand for prisoners	70 18	Medicated	514
Decanter or settler	210 513+	For padlocks	70 53	Methods	132
Liquid suspension type separation		Lock type	70 18	Other than for cleansing or	
of solids	209 155+	Vehicle spring end	267 271+	therapeutic	424 70.1+
Solids separation combined	209 12.1+	Shades		Shank	
Starch making	127 27	Eye	2 12+	Buttons	24 92
Sugar making	127 57	Design	D29 109+	Cloth	24 92
Seven Grid Limiter Discriminator	313 300	Hat with	2 10	Making	79 2
Severing (See Cutting; Sawing)		Lamp	362 351+	Sewing machine attaching	112 108+
Abrading for	451 231+	Design	D26 118+	Key	70 402
Breaking	225 1+	Inverted bowl devise	362 453+	Extensible	70 397
Glass (see search notes)	83 879+	Pull or tassel	D06 581	Foldable	70 396
With glass manufacturing	65 174	Support	362 433+	Plural	70 401
Punching	83	Mounting hardware	D08 354+	Manufacture of metal knobs	29 896.5
Stone splitting	125 43	Optical instrument	359 611+	Padlock nonshackle type	70 34
Tearing	225	Plant	47 20.1	Railway spike shank brace	238 309
Well tubing in situ	166 55	Pull of cord or fabric	D06 581	Railway track clamp anchor	238 345
Sewage		Window	D06 581	Shoe	36 76 R
Aerators, diffusers	261 DIG. 70	Shading Devices		Loose upper shaping	12 54.1+
Aerators, rotating	261 DIG. 71	Pens	15 435+	Machines	12 40.5
Electrolytic treatment	205 742+	Shaft		Tool and machine parts	
Fertilizer making	422 193+	Aligning and leveling	33 412	Handle fastenings	403
Processes and products	71 12+	Angle transducer	250 231.13	Slidably adjustable wrenches	81 129+
Furnaces burning	110 238	Arrows	473 578+	Wrench attachments	81 184
Purification (see settling tanks)	210	Axle land vehicle	301 126	Wrench handles and	81 177.1+
Sewerage		Bearings	384	Shape Memory Alloy	148 402
Manhole	52 19+	Clutch	192 110 R	Shaping (See Product Itself; Molding) 29	
Pipe cleaners	15 104.31+	Couplings	403	Abrading or grinding	451
Design	D32 14	Flexible	464	Boring	408
Sewage purification	210	Crank		Communion combined	241 3
Sewer reamer, design	D32 14	Bearing antifriction	384 457+	Cone wound bobbin or cop shaper	242 480.3
Sewer ventilation	112	Bearing plain	384 250	Dental instruments for	433 25+
With cover	52 20	Lathe	82 106+	Die (see die)	
Sewing and Sewing Machine (See		Making		Directly applied fluid pressure	
Stitching)		Apparatus	29 6.01	differential	264 500+
Abrading attachments for	451 432+	Method	29 888.08	Drilling	408
Air work handling	112 DIG. 2+	Earth boring means combined	175 320+	Food	99
Apparel seams	2 275+	Earth, eg mine	405 133+	Bread pastry and confection	
Bobbin winding	112 279	Flexible	464	making, food apparatus	99
Book bindings	281 27	Portable drill	408 127	Bread pastry and confection	
Cabinet and parts	D15 66+	Furnace	432 95+	making, shaping apparatus	425
Carrying case	312 208.6	Fume arrester with	266 144+	Cooking and	99 324+
Cooling elements	112 280	Metallurgical	266 197+	Dairy molds	249
Covers for	312 208.5+	Hanger	384 442+	Meat briquetting apparatus	
Design	D15 75	Housing	464	Dynamic apparatus	425
Cutting attachments for	112 130	Flexible shaft combined	464 52+	Methods	426 513
Fans combined	416 60	Hub connections	403	Static apparatus	249
Filled sacks	112 11	Joints (see joints)		Hay stack shapers	414 132
Filling combined with sewing	53 138.5	Locks	70 182+	Metal	
Hat sweatbands	2 184	Metallurgical furnace	266 197+	Bending to angle	72 176+
Implements design	D03 18	Mucking machines	414 916*	Casting combined	29 527.5+
Kit	D09 700	Process abrading	451 49+	Coating combined	29 527.2+
Lights for	362 90	Seal for a joint or juncture		Corrugating	72 180
Machine, design	D15 69+	Circumferential contact	277 500+	Deforming	72
Sleeve-type surface	D15 68	Close proximity	277 409+	Drawing sheet metal	72 347+
Treadle	D15 67	Speed recorders	346	Drawing through die	72 274+
Machines with tables or stands	112 217.1+	Wagon	278 33+	Electric heating and	219 149+
Pneumatic, digest	112 DIG. 3+	Wall retainer	405 272+	Extruding	72 253.1+
Sheet retainer inserts binder		Shaker		Indirectly	72 273.5
strand through sheet	402 7	Shaking		Molten metal	164
Shoe lasting and	12 13.2	Apparatus		Plastic metal	72
Shuttle winding	242 484.7+	Grates	126 152 R+	Powder apparatus	425 78+
Special machines	112 2+	Automobile	73 669+	Powder processes	419 61+
Starting and stopping	112 271+	Devices		Pressure or impact forging	72
Stitch forming	112 154+	Cleaning machine	15 94	Rolling	72 199+
Suction thread cutting	112 DIG. 1+	Filled cooking receptacle in		Sheet metal by dies	72
Tables with work catcher	112 217.1+	oven	99 371	Spinning	72 82+
Tension control or brake	242 410+	Gas filter cleaning	55 304+	Wire fabric	140 107
Tension devices	242 147 R+	Heat exchanger	165 84	Wire into articles and fabrics	140
Thread cutting, severing, or		Portable receptacle unloading	414 415	Milling	409 64+
breaking	112 285+	Separator receiver	209 64	Nonmetallic	

Class Subclass		Class Subclass		Class Subclass	
Briquetting fuel	44 593+	Cutlery combined		Corner structure	428 81+
Coopering	147	Knife	30 146	Counting	235 89 R
Glass	65	Nipper	30 145	Cover with	428 68+
Ironing and smoothing textiles	38	Design	D08 93	Creped	428 152+
Laser ablative shaping	264 400	Gauges for shears	33 631	Discontinuous coating with	428 195.1+
Leather	69	Ground supported hand operated		Easel of	248 441.1+
Paper	493 395+	harvester	56 241	Edge feature	428 192+
Plastic block and earthenware	425	Handle and blade connections	30 341	Edge fold	428 121+
Plastics	425	Holder or disposal combined	30 131+	Edge spliced	428 57+
Sand molds for metal	164	Manicure	30 29	Expanded metal making	29 6.1
Stereolithographic shaping from		Plier combined	7 125+	Feeding and delivery	271
liquid precursor	264 401	Modified handle	7 131+	Dispensing cabinet magazine	312 34.18
Stone	125	Receptacle combined		Electrophotographic	399 361+
Tobacco plug	131 111+	Cigar receptacle	206 238+	Collating	399 403
Wood sawing	83	Dispensing sheet receptacle	206 216	Imbricating	399 404
Wood turning	142	Ticket holder receptacle	30 124+	Interleaving	399 382
Woodworking	144	Shears hand manipulable	30 194+	Separators, pneumatic	399 397+
Pencil sharpeners (see		Stone shearing	125 23.01+	Sorting	399 397+
pencil sharpener)		Surgical	606 174	Stacking	399 404
Planing	409 288+	Textile		Strippers	399 398+
Screw threading	408	Cloth finishing	26 15 R+	Magnetic operations	271 901+
Stack or pile shaping	414 788.9+	Thread finishing	28 226+	Manifolding	462
Turning	82	Sheath (See Scabbard; Sheathing)	224 191+	Reverse direction of sheet	
Shares for Plows	172 681+	awl or prick punch	30 368	movement	271 902*
Forging dies for making	72 425	Cable	74 502.5	Separators, pneumatic	271 90+
Making machines and processes	29 14	Cutlery	30 151+	Separators, rotary	271 109+
Sharpener	83 174+	Two or more cutters	30 143	Strippers	271 900*
Abrading or grinding	451	Design	D03 220	Support rack for paper	211 45+
Design, knife or scissors	D08 93	Hair comb	132 143	Support rack stacked	211 50+
Button surfacing with tool	79 8	With brush	132 121	Towel service locking rack	211 6
Combined with cutting		Manicuring tool	132 76.2	Towel service rack	211 16
machine tool	83 174+	Padlock	70 55	Typewriter paper	
Cutlery with	30 138+	Splitters	30 90.1+	on edge	271 903*
Disk plow	172 439	Surface supporting	108 150+	Typewriter paper	400 624+
Drill forming and	76 5.1+	Wire strippers	81 9.4+	With winding	242 535+
Electrolytic	204 194+	Sheathing (See Facer		Figure toys of	446 387+
Etching processes	205 640+	Sheathing (See Facer Construction;)		Filter	210 348+
Metal or metal alloy cleaning	205 705+	Earth control	405 272+	Fire escape body catcher	182 138+
Harvester cutting reel type	56 250	Tunnel or shaft lining	405 132+	Flanged pipe joint packing of	285 363+
Horseshoe calk	168 46	Electrical conductor	174 68.1+	Garment hanger	223 87
Making and sharpening	59 65	Making		Gas and liquid contact porous	261 100+
Knife or scissors		Indefinite length electrical		Grooved	428 161+
Combined with can opener	D08 35	conductor	156 47+	Holder and securing devices	
Powered tool	D08 63	Metal extrusion	72 268	Billiard table cloth	473 30
Pencil (see pencil sharpener)	30 451+	Railway car		Cleaning fabric	15 231+
Design of	D19 73	Freight	105 409+	Cylindrical for sandpaper	451 490+
Machine	144 28.1+	Passenger	105 401	Endless conveyor with gripper	198 688.1+
Razor with	30 35+	Seal for a joint or juncture		Handled for sandpaper	451 524+
Saw	76 30+	Dynamic gland	277 538	Manifolding	462 6
Tool	76 82+	Static	277 652+	Continuous form strip-folder	
Shaving and Shaver		Ship	114 84	or pocket type	462 6
Brushes	D04 135	Sheave (See Pulley)		Music stands	248 441.1+
Design	D04 114	Reeling storage	242 388.9+	Pack holders	271 145+
With drip cup or shield	15 248.1+	Shed		Printing	101 415.1
With soap supply	401 268+	Animal husbandry	119 436+	Rack	211 45+
Comminutor type		Buildings	52	Sandpaper disc	451 490+
Ice	30 136+	For jacquard looms	139 64	Shoe last with retainers	12 141
Mill	241 83+	Locomotive	104 51+	Stack rack	211 50+
Vegetable and meat	241	Shedding		Tray	206 557+
Cream	424	Loom	139 55.1	Wall mounted tray	211 88.01
Cups	220	Cam	139 79	Adjustable in size	211 88.02
Electric	30 45	Dobby	139 66 R	Joined	428 57+
Gear	409 37	Jacquard	139 59	Laminate	428 411.1+
Hair planers	30 30+	Sheet and Sheet Material		Making	
Design	D28 44	(See Composition)		Coating and uniting	156
Hat	223 19	Accounting and listing form	283 66.1+	Drying	34
Kits	132 289+	Advancing material of indeterminate		Electroforming	205 76+
Brush or soap retained	401 118+	length	226	Electrolytic coating metal	205 152+
Pencil (see pencil sharpener)	30 451+	Apertured	428 131+	Glass	65
Razor	30 32+	Associating and folding	270	Metal and foil	29 17.1+
Blades	30 346+	Spacer for drying	34 306+	Metal by rolling	72 199+
Dry shaver	30 43	Bedding	5 482	Pastry rolling	425 363+
Screw head	470 64	Contour bedding	5 497	Pastry rolling	425 335+
Spoke	30 281	Restraining	5 498	Plastic rolling or pressing	425
Woodworking	144 155+	Binder device releasably engaging		Pulp molding compressor	162 396+
Shavings Feeding to Furnace	110 102	aperture or notch of sheet	402	Pulp molding winder	162 283+
Shawls	2 91	Boiler		Metal	
Design	D02 823+	Crown	122 496	Can making machines	413 26+
Sheaf Handling		Tube	122 512	Cap preparing	413 8+
Binding	56 432+	Bracket shelf of	248 247+	Apparatus	413 56+
Carriers	56 474+	Cloth	D05	Pattern and texture design	D05 1+
Composite construction	52 334	Coated	428 411.1+	Metal laminate	428 615+
Cornstalk loader	56 120	Sheets	446 108+	Metal shaping (see particular	
Carrier	56 121	Composite	428 411.1+	operation)	
Crop threshing or separating	460 19	Composite with cellular layer	428 304.4+	Chain making	59 13+
Shocker	56 401+	Composite with foamed layer	428 304.4	Container making	413
Shear Line, Cylinder Lock	70 496	Construction toys of	446 108+	Sprocket chain making	59 6
Shear Pin	464 32+	Container for coiled form	206 389+	Staple making	59 72
Shearing & Shears (See Cutter)		Control (see pattern control)		Wire barbing	140 66
Bolt and rivet making	470 153	Electric circuit maker	200 46	Metal structures and articles	405 276+
Buttonhole	30 120	Stop mechanism	192 126+	Bale tie band	24 23 R+
Can opener	30 428	Cookie	99 422+	Cabinets	312

Class Subclass		Class Subclass		Class Subclass	
Can closures	220 200+	Attached laterally of support	108 152	Shoulder	2 459+
Chain link	59 91	Baggage convertible	190 9+	Side torso	2 465
Closure seal	292 310+	Bookcase shelving		Armour	109 78+
Connecting rods	74 588	Design	D06 567+	Ship	114 14
Containers	220	Enclosed	312	Brush and broom	
Display packages	206 44 B+	Open	108 59+	Drip	15 248.1+
Drive chain	474 202+	Vertically adjustable	108 147.16	Head	15 175
Electroplating	205 152+	Cabinet with racks or shelves	312	Coffin	27 20
Flumes	405 119+	Showcase type	312 128+	Corner	
Gearing sectional	74 449	Covering	428 68	Baggage	109 37
Heat radiator	165 170	Apertured	428 131+	Building	52 287.1
Hook	24 698.2	Edge fold	428 121+	Counter or display partition	109 11+
Jar closures	215 200+	Design	D06 567+	Curtain shade or screen	160 19+
Nails spikes tacks	411 439+	Detachable ironing board	108 157.12+	Distilling retort	202 224
Piling	405 274+	Detachable shelf-type	108 157.13	Electric	174 350+
Pipe joint	285 424	Drying apparatus		Conductor	174 102 R+
Pulley	474 166+	Removable	34 192+	Ignition	315 85
Rack support for receptacle	211 72+	Shelf to shelf material flow	34 165+	Insulator	174 139+
Railway ties	238 63+	Endless conveyer with coating		Lamp & electronic tube systems	315 85
Railway wheel web	295 22+	support	198 860.1	Radio	455 300+
Resilient clasps	24 530+	Plural conveying sections	198 600	Resistor	338 64+
Sash cord guide casing	16 212	Heat exchange	165 168+	Shock preventive	174 5 R
Seal for a joint or juncture	277	Ironing board with folding support	108 115+	Erasing	451 445
Separable-fasteners	24 572.1+	Loading or unloading	414 266+	Faraday	174 350
Shaft hangers	384 443	Loading or unloading	414 227+	Transformer with	336 69+
Shelf type with support	108	Main or coin chute	232 63	Fire shield, portable	169 48+
Diverse support for articles	108 28	Paper design	D05	Fume flow in arc lamp	314 26+
Metal industrial platform	108 57.32	Rack, plural shelf	108 59+	Hand	
Vertically adjustable	108 147.11+	Shoe or boot rack	211 36	Handling implements	294 131
Spools	242 118.8	Stove	126 332+	Sadiron	38 95
Stove for heating	126 65+	Supports	248 235+	Harness	54 80.1
Stove legs	126 306	Terraced shelf rack convertible		Breast strap	54 59
Nonrectangular	428 80+	to table	108 17	Hitching	119 852+
Nonstructural	428 411.1+	Vertically adjustable	108 144.11+	Loop shields	24 183
Note musical		With structural installation	108 42+	Heat	228 59
Music teaching	84 483.1	With upward extending support	108 149	Heat for spacecraft	244 159.1+
Musical automatic instrument	84 146+	Shell		Heat for spacecraft	244 171.7+
Opening cutter	402 1	Ammunition	102	Aircraft use	244 117 R+
Pack holders	271 145+	Cartridge	102 464+	Metal treatment	148
Package of coiled sheets	206 449+	Design	D22 116+	Nuclear reactions	376 153
Package of flat sheets	206 449+	Explosive	102 473+	Nuclear reactions	376 156
Paper dispensing package	206 449+	Extracting implements	81 3.05	Nuclear reactions	376 913*
Paper wrapping	229 87.01+	Feeding devices (see gun		Light filters	359 885+
Mailing	229 92	loading)	86 46	Locked	70 158+
Pavement	404 17+	Loading	86 23+	Mast	114 93
Combined block and	404 18	Making	86 10+	Ordnance	89 36.01+
Perimeter structure	428 81+	Making metal working	86 51+	Design	D22 112
Picture support of	248 441.1+	Brake shoe	188 254	Piston splash	92 141
Piling	405 274+	Edible		Propeller marine	440 71
Printing smut preventing	101 419	Cereal	426 138+	Radiator	237 79
Railway tie		Design	D01	Automobile	293 115
Folded sheet	238 77	Electrical connector socket	439 753+	Radioactivity	250 515.1
Reinforcing	238 93	Foundry molds	164 361	Geiger muller tube having	313 93
Receptacle stand of	248 152	Shell openers	30 120.1	Nuclear reactions	376 153
Receptacle support of	211 72+	Shellac	530 201	Nuclear reactions	376 156
Ribbed	428 161+	Sheller	460 45	Nuclear reactions	376 913*
Roofing	427 147+	Corn	460 45+	Rigid shield or pad positioned	
Sorting type rack	211 10+	Feeders for	460 16+	between article & bearer	224 907*
Spacer	402 80 R	Green	99 567	Solder splash	228 21
Spliced	428 57+	Cutlery	30 120.1+	Surgical	128 849+
Spot bonded	428 198+	Nutcracker	30 120.2	Headed securing rod	403 360
Stand of	248 174	Pea	460 131	Tunnel	405 141
Stencil	101 127	Vegetable cutter combined	99	Windshield	
Structurally defined	428 98+	Shellfish		Aircraft	244 121
Structurally defined element		Apparatus	452 1+	Harvester	56 190
therein	428 221+	Apparatus	452 12+	Vehicle storm fronts	296 77.1+
Tearing or breaking	225	Openers	452 1+	Ventilating cowl	454 138
Testing sheet material	73 159+	Openers	452 13+	Windshield, vehicle	296 84.1+
Bursting strength	73 838+	Crustacean culturing	119 204+	X ray	250 515.1
Flatness, optically	356 600	Dredgers	37 315	Bucky grid	378 154
Transparency, optically	356 432+	Mollusk culturing	119 234+	Shutter or diaphragm type	378 145
Thread for pin type insulator	174 204	Scoops	37 316	Tube structure	378 140
Treating		Scoops	37 444	Variable aperture	378 150
Abrasive applying	451 458	Shelves (See Shelf & Shelving)		Shifter	
Brushing machines	15 77	Sherbets	426 101+	Belt	474 101+
Chemically cleaning	134	Design	D01	Railway cable	104 198
Coating	118	Shield (See Guard; Protection; Screen; Stencil)		Brush	
Coating electrolytically	205 159+	Abrading	451 454	Dynamolectric	310 241
Cutting	83	Button cleaning	451 448	Generator system	322 54+
Drying apparatus	34 611+	Anti-magnetic, anti-inductive	174 350	Motor system	318 541+
Drying method	34 419+	Apparel	2 459+	Changeable exhibitor	40 446+
Gas contacting	34 444+	Abdomen	2 464	Copyholder copy or line guide	
Heat	108 28	Armpit	2 53+	(see copyholder)	40 341+
Ironing shaking out	38 143	Back	2 467	Feeding table for metal rolling	72 222
Radiant heating	34 273+	Brassiere	450 37	Railway cable	104 198
Stencil making	101 128.4	Chest	2 463	Track or tie	254 43
Wiping machines	15 102	Corset or girdle	450 153	Laying	104 4
Unwinding	242 570+	Design, garment	D02 860+	Typewriter case	400 251+
Winding	242 520+	Dress shield making	223 54	Shifting Field Motor	310 172
Wrapper for coiled form	206 389+	Groin	2 466	Shim Rod (See Nuclear, Control)	376 207
Wrinkled	428 152+	Neck	2 468	Shim rod	376 327
Shelf and Shelving	108			Shim rod	376 219

Class Subclass		Class Subclass		Class Subclass	
Shim rod.....	376 347	Design.....	D02 840+	Putting on and removing aids.....	223 113+
Shims		Mens outer.....	2 115+	Rack.....	211 34+
Bearing adjusting.....	384 626	Pajama.....	2 114	Riding.....	36 131
Brake slack adjusting.....	188 201	T-shirt.....	D02 717	Rubber.....	36 4
Shingle	52 518+	Trousers supported by.....	2 229	Running.....	36 129
Container.....	206 323+	Under.....	2 113+	Sandal.....	36 11.5
Gauges.....	33 648+	Union type bifurcated.....	2 77	Sewing machines.....	112 28+
Combined with hatchet or hammer.....	7 122+	Vest combined.....	2 103	Shoehorns.....	223 118+
Making.....	83 920*	Shock Absorber (See Dashpot)		Shoelace design.....	D02 978
Making machines woodworking.....	144 13	Dial indicator type.....	33 DIG. 6	Shoelace racks.....	211 61
Sawing.....	83 704+	Fluid.....	188 266+	Shoemakers bench.....	12 122
Roofing coating.....	427 186	Thrust member, variable volume chamber.....	188 297+	Skate attaching.....	280 11.3+
Ship	114	Harvester reciprocating cutters.....	56 306	Ski.....	36 117.1+
Anchor.....	114 294+	Nuclear reactor control.....	376 234	Slippers for inside.....	36 10
Automatic controlled steering.....	114 144 R+	Component combined.....	376 285	Sole attaching means.....	36 12+
Ballasting.....	114 121+	Nuclear reactor control.....	376 327	Soles.....	36 25 R+
Bilge discharge.....	114 183 R+	Recoil ordinance.....	89 42.01+	Strap tighteners.....	24 68 SK+
Building.....	114 65 R+	Spring type.....	267	Support feature.....	36 88+
Bulkheads and doors.....	114 116+	Bed.....	5 253	Track.....	36 129
Cable stoppers.....	114 199+	Support type, nonresilient.....	248 636+	Uppers.....	36 45+
Caissons.....	405 12	Support type, resilient.....	248 562+	Water proofed finish.....	36 98
Canals.....	405 84+	Suspended machine.....	248 610+	Brake.....	188 250 R+
Centerboards.....	114 127+	Testing.....	73 11.01+	Beam combined.....	188 219.1+
Clamps for ship planking.....	269 91+	Textile feeding knitting.....	66 130	Fasteners.....	188 234+
Coaling and loading.....	414 137.1+	Vehicle		Momentum operated wedging.....	188 136
Traversing hoists.....	212 72	Active suspension control.....	280 5.5+	Railway chock roller type.....	188 37
Condensers.....	165 41+	Body suspension frame.....	280 784	Railway side.....	188 59
Course recorder.....	346 8	Fender.....	293 132+	Railway top.....	188 57
Design.....	D12 300+	Fluid absorbs.....	293 107+	Railway track rotary.....	188 39
Drydocks for.....	405 4+	Railway.....	105 392.5	Vehicle fender combined.....	293 8
Engine room telegraph.....	116 21	Railway coupling.....	213 7+	Vehicle type top.....	188 29
Electrical.....	340 286.04+	Running gear.....	280 124.1+	Wagon type retreating.....	188 15
Furniture.....	114 188+	Seat.....	297 216.1+	Wear compensation.....	188 215
Hatches and covers.....	114 201 R+	Weighing scales.....	177 184+	Wheel rotary.....	188 80
Ice boats.....	114 43+	Shocker and Shock Delivery		Bridge truss.....	14 15
Ice breakers.....	114 40+	Electric		Cleaning (see polishing & cleaning)	
Indicating and signaling		Amusement devices.....	472 56	Cleat or spike.....	D02 962
Course recorder.....	346 8	Animal restraining devices.....	119 908*	Demonstration.....	434 397
Course signaling.....	116 19	Bandaging.....	602 2	Filling compositions.....	106 38
Navigation instruments.....	73 178 R+	Check operated.....	194	Flatiron attachments.....	38 97
Rudder position.....	116 303	Electric chairs.....	128 898+	Harvester cutter member.....	56 303
Running lights.....	362 477+	Electric fences.....	256 10	Track clearers with socket.....	56 318
Shoal water alarms.....	116 113	Electrocuting animal.....	43 98	Horn.....	223 118+
Telegraphs.....	116 21	Electrocuting trap insect.....	43 112	Design.....	D02 642
Keels.....	114 140+	Fishing.....	43 4	Lace.....	D02 978
Ladders.....	182 82+	Trawl net type.....	43 9.6	Lace tip applier.....	29 243.57
Steps level.....	182 1	Food preservation.....	426 237+	Panel hangers or travelers.....	16 93 R+
Launching.....	405 1	Food preservation apparatus.....	99 451	Pedals with clips for.....	74 594.6
Life craft handling aboard.....	114 365+	Kinesitherapy eg massage.....	601 84+	Plow.....	172 764
Lifting mechanism.....	114 50+	Medicators.....	604 20+	Body shoe and guide.....	172 764
Liquid purifier type.....	210 242.1	Miscellaneous.....	361 225+	Polishing and cleaning	
Mother.....	114 258	Receptors.....	604 20+	Applicator carried by closure.....	401 126+
Nautical signalling.....	116 26+	Safes.....	109 35	Brushing machine.....	15 36+
Personal watercraft.....	114 55.5+	Sterilizing method.....	422 22	Brushing machine with polish supply.....	15 30+
Ports.....	114 173+	Surgical applications.....	607 1+	Composition.....	106 3+
Propellers.....	416	Surgical instruments.....	606 32+	Implement with material supply.....	401 401
Propulsion.....	440	Therapy, medical.....	607 149	Mitts cots and shoes.....	15 227
Raising and docking.....	114 44+	Harvester.....	56 401+	Shoe blacking stands.....	15 265+
Refrigeration.....	62 240	Shoe		Shoe impregnated or coated with cleaning material.....	15 104.94
Repairing.....	114 44+	Animal wear.....	36 111	Rack.....	211 34+
Running lights.....	362 477+	Design.....	D30 146+	Railway switch point throwers.....	246 269
Sailboard and rig means.....	114 39.12+	Farriery.....	168	Safety.....	36 77 R
Sailboats.....	114 39.21+	Making.....	59 36+	Shine kit.....	D03 200
Sails and rigging.....	114 102.1+	Oxshoe making.....	59 70	Shine machine.....	D32 14.1
Scows.....	114 26+	Apparel.....	36	Shine stand with seat.....	D06 334+
Sounding and depth measuring (see sounding)		Accessory.....	36 136+	Shoehorn.....	D02 642
Spars.....	114 89+	Anti-slipping devices.....	36 59 R+	Snow.....	36 122+
Speed control automatic.....	114 144 R+	Athletic.....	36 114+	Third rail collector.....	191 49
Steering mechanism.....	114 144 R+	Bathing.....	36 8.1	Trees.....	12 114.2+
Stoves.....	126 24	Bowling.....	36 130	Design.....	D02 979
Submarines.....	114 6+	Box.....	206 278	Vehicle (see brake)	
Torpedo boats.....	114 18+	Buttoners.....	24 40	Earth working tool with.....	172
Torpedo guards.....	114 240 R+	Cement.....	36 DIG. 1	Fender with car control.....	293 8
Torpedoes.....	114 20.1+	Cleaning type.....	15 227	Railway draft central friction post.....	213 36
Towing or pushing.....	114 242+	Cleat.....	36 134	Railway draft friction casing.....	213 32 R+
Ventilation.....	114 211	Design.....	D02 896+	Railway draft spring and friction.....	213 24
Ventilation of grain cargo.....	454 80	Foot elevators.....	36 81	Two wheeled scoop with.....	37 439
Warships.....	114 1+	Football.....	36 128	Water.....	441 76+
Shipper		Heels.....	36 34 R+	Well casing.....	166 242.8
Clutch.....	192 98	Insoles.....	36 43+	With cutting or scraping means.....	175 402
Marine vessel rudder.....	114 165	Jumping.....	36 7.8	With screen.....	166 157
Side cut mower automatic clutch.....	56 274	Lacing devices.....	24 712	Shooting Gallery Game	D21 306+
Transmission control and brake.....	192 224.3	Light thermal and electrical.....	607 1+	Shooting Lines	
Shirring	223 28+	Making (see boot making).....	12	Fishing apparatus.....	43 6
Cords for flexible bags.....	383 72	Non-leather.....	36 84+	Line carrying ammunition.....	102 504
Garment trimming.....	2 244	Occupation specialized.....	36 113	Bomb lances.....	102 371
Sausage casing.....	452 21+	Ornaments.....	2 245	Line projector or projectile.....	182 50
Sewing machines.....	112 132+	Patterns.....	33 3 R+	Explosive.....	89 1.34
Shirt		Plastic.....	36 DIG. 2		
Coat combined.....	2 95	Pricking soles.....	83 866+		
Collar attaching to.....	2 139+				

	Class	Subclass		Class	Subclass		Class	Subclass
Shooting Targets	D21	302+	Metal working digest.....	29	DIG. 35	Stove ashpan	126	244
Shopping Bag	383	6	Testing for	73	159+	Sight		
Handle attaching.....	493	226	Textiles	26	18.5	Bow, arrow.....	33	265
Shopping, Electronic	340	5,9+	Thread compacting.....	26	18.6	Dispenser inspection	222	154+
Computerized.....	705	26+	Tire	72	292	Drift.....	33	320
Shorings			Shrinkproofing Fabrics	26	18.5+	Feed lubricator	184	96+
Earth control.....	405	272	Shrunk Fit			Glass liquid level gauge.....	73	323+
Mine roof props.....	405	288+	Joints.....	285	381.1+	Gun	42	111+
Trench walls.....	405	282+	Shuffleboard	273	126 R	Design	D22	109
Short Circuit			Design.....	D21	321	Design, telescopic.....	D16	132
For arc lamps.....	314	10+	Shunt			Fiducial telescopes	356	247+
For incandescent lamps.....	315	119+	For electromagnet	335	236+	Illuminated sights	362	110
Safety device	174	5 R	Resistor	338	49	Letter box signal.....	232	34+
Safety system	361	1+	With meter	324	126	Line controlled scribe	33	20.1+
Shortening	426	601+	Shutter			Opening in umbrella.....	135	33.7
Shorthand			Architectural design	D25	47+	Projector	362	383
Code	283	46	Camera	396	452+	Telescopes	359	429+
Writing form	283	45	Automatic control	396	213+	Sign and Sign Exhibiting	40	584+
Teaching.....	434	158+	Copying camera	355	71	Circuit control flashing light etc.....	40	902*
Typewriter	400	91+	Curtain	396	479+	Clerical desk article combined.....	40	358
Shot			Delayed releaser.....	396	472+	Directional design	D20	29+
Blasting	72	53	Diaphragm.....	396	505+	Electric signal display system.....	345	+
Metal working digest	29	DIG. 36	Focal plane	396	452+	Fiber optics, eg light pipe	40	547
Cartridges.....	102	448+	Image projector	353	88+	Frame	D19	52
Earth boring by	175	54	Iris type.....	396	493+	Illuminated	40	541+
Making	86	57+	Mechanical testing.....	73	1.42+	Illumination itself	362	812*
Metal making			Motion picture	352	204+	Mirror having changing effect	40	900*
Apparatus.....	425	6+	Optical testing	73	1.42+	Mounting bracket.....	D08	354+
Processes	264	5+	Pivoted leaves	396	493+	Out-to-lunch type signs	40	907*
Shotgun	D22	103	Sliding plate	396	483+	Pen and pencil x-art collection	40	905*
Shotguns (See Rifle)	42		Check controlled.....	194		Reflecting triangle for highway use.....	40	903*
Design.....	D22	103	Curtain shade or screen combined ..	160	104	Roadway warning	D20	10+
Shot-Put	482	22	Fastener or hook for	D08	349+	Sound x-art collection	40	906*
Shooting			Ladder convertible	182	21	Street	40	612
Cleaning machine.....	15	95+	Operator	49	324+	Supports	248	466+
Methods	134	7	Projector illuminating	362	277+	Towed through sky	40	215
Shoulder			X ray	378	160	Tv or radio program indicator.....	40	901*
Braces pads and supports	2	45	Shuttle			Vehicle motion and direction.....	116	42+
Back and	2	44	Boxes	139	183	Warning reflector or flasher	D10	114+
Body protecting.....	2	459+	Braiding tatting and netting.....	87	54+	Window shade.....	160	10
Brassiere combined	450	2	Changing in looms.....	139	234+	Sign, Illuminated	362	812*
Corset or girdle combined	450	96	Gripper	139	196.2+	Signal		
Garment shaping.....	2	268	Sewing machine	112	185+	Acoustic	116	67 R+
Garment supporting	2	305	Sewing machine	112	232+	Bells	116	148+
Rests for violinists	84	280	Design	D15	72	Horns	116	137 R+
Combined with chin rest	84	278	Threaders	139	381+	Sirens	116	147+
Tang holding chuck.....	279	89+	Winding			Whistles.....	116	137 R+
Shovel			Sewing machine	242	484.7+	Alarms	116	67 R+
Crane	212	243	Tatting.....	242	472	Amplifier condition	330	2
Excavating	37	379+	Shuttlecock	473	579+	Annunciators	340	815.4+
Design.....	D08	10	Design.....	D21	711	Arc lamp	314	9
Hand manipulable	294	49+	Sialon Refractory Compositions	501	98.1	Automobile horns	116	137 R+
Design.....	D08	10	Sickle			Awakening device (see awakener)		
Making			Hand manipulable.....	30	309	Balloons	116	DIG. 9
Blanks and processes	76	113	Machine using	56	229+	Bank protection	109	21
Dies	72	470+	Side Lights	362	503+	Beverage infuser.....	99	285
Plow or cultivator type	172	768	Side Lock (See Lock)			Bicycle bells.....	116	166
Railway car loading.....	414	340+	Sidearms	D22	100+	Boiler combined.....	122	504.2
Repositioning support to load or			Sidebar, Cylinder Lock	70	496	Brake wear.....	188	1.11
unload	414	349+	Sideboard			Buoy	116	26+
Snow.....	294	54.5	Cabinet.....	312		Burglar electric	340	541+
Train of vehicles	414	339	Design.....	D06	432+	Burglar mechanical	116	6+
Showcase			Fully enclosed storage	D06	432+	Cabinet with	312	234
Cabinet.....	312	114+	Dumping vehicle	298		Calculator or register combined	235	128
Design.....	D06	432+	Refrigerator combined.....	62	258	Check controlled apparatus		
Outdoor type	312	102	Sidehill Implement			Check in circuit.....	194	304+
Illumination	362	125	Harvester platform adjustment	56	209	Check operated switch	194	239+
Joint between glass walls	312	140	Land vehicle body levelling.....	280	6.154+	Clock alarm	368	244+
Show or picture window.....	52	777+	Plows.....	172	204+	Electrically operated.....	368	250+
Show or picture window.....	52	764+	Steam traction vehicle boiler			Closure position	49	13
Shower (See Sprinkling)			levelling	180	39	Code signalling	116	18+
Bath	4	615+	Tank or boiler	280	7	Coin operated.....	194	
Hot air combined.....	4	525+	Sideslip	73	180	Consumable electrode	314	9
Surgical	607	81+	Siding	52	474+	Conveyer power driven.....	198	502.1+
Design.....	D23	283	Shingle type	52	518+	Cooking apparatus	99	342+
Design, cap.....	D02	867+	Sieve			Design, instruments	D10	104+
Heads.....	239	548+	Liquid material	210	348+	Detonating (see detonators, signal		
Design.....	D23	213+	Solid material	209	233+	and indicators)		
Temperature control of water	236	12.1+	Sifter and Sifting (See Screen)			Dispenser combined.....	222	23+
Shrapnel	102	491+	Cabinet with	312	210.5	Distance measurement combined.....	33	740+
Shredded Cereal Biscuit	426	560	Dispenser combined	222	189.02+	Cutting combined	83	522.11+
Apparatus	425	289+	Kitchen utensil.....	D07	667	Tearing combined	225	18
Design.....	D01		Pneumatic conveyor intake.....	406	121	Drawbridge	14	49
Shredders and Shredding			Potato diggers	171	71+	Dropping, ordnance	89	1.51+
Metal.....	29	4.51+	Potato diggers	171	111+	Earth boring combined	175	40+
Shrimp			Separating solids			Electric.....	340	
Processing for food.....	452	2+	Combined operations	209	12.1+	Alarms	340	500+
Shrink Fit (See Shrunk Fit)			Comminuting surface apertured			Arc lamp	314	9
Shrinking			for	241	83+	Extinguisher combined	340	289
Metal bands by hammering or			Comminution and gas borne			Float gauge combined	73	308
pressing	72	399+	material	241	49+	Lamp system	315	129+
Shrink fitting.....	29	447	Comminution combined	241	68+	Noise or unwanted signal		

Class Subclass	Class Subclass	Class Subclass
reduction..... 367 901*	Sheet carried indicia 40 360	natural rubber)
Radio analog..... 455	Ships telegraph 116 21	Room-temperature curable..... 528 901*
Radio directive..... 343	Speaking tubes..... 181 19	Silicon Steel 148 110+
Radio pulse or digital..... 375	Street traffic..... 116 63 R+	Silicone 556 465+
Telegraphy..... 178	Support structure..... 246 415 R	Compositions..... 106 287.13
Telephony..... 379	Telephony	Sililation of Polymers 525 100+
Vehicle mounted..... 340 425.5+	Central system..... 379 242+	Silk
Elevator	Divided central..... 379 310+	Artificial making
Electric..... 187 391+	Thermostatic regulator combined..... 236 94	Apparatus..... 425 66
Alarm..... 187 390	Time..... 368 243+	Apparatus..... 425 67+
Mechanical..... 116 64	Tire deflation..... 116 34 R	Apparatus..... 425 76
Mechanical alarm..... 116 68	Electric..... 340 442	Apparatus..... 425 382.2
Expandible chamber motor combined 91 1	Torpedo for railway..... 246 210+	Processes..... 264 165+
Fire alarm	Placing mechanism..... 246 487	Chemical treatment..... 8 128.1+
Extinguisher combined..... 340 289	Track sander combined..... 291 17	Degumming..... 8 138
Flame..... 340 577+	Traffic..... 116 63 R	Fermentative treatment..... 435 268
Smoke..... 340 628+	Electric..... 340 907+	Liberating..... 19 3
Systems..... 340 287+	Typewriter ribbon..... 400 249+	Screen printing..... 101 114+
Thermal control..... 340 584+	Underwater sound waves..... 367 131+	Process..... 101 129
Fire escape..... 182 18	Vehicle..... 116 28 R+	Thread finishing..... 28 217+
Fire extinguisher combined..... 169 23	Watches alarm..... 368 244	Silkworm Culture 119 270
Fishing..... 43 16	Signal Processing By Storage and	Sill 52 204.1
Automatic hooker..... 43 17	Subsequent Retrieval (E.g.,	Railway car..... 105 396+
Flags & flagstaves..... 116 173+	Frequency Shift, Delay) 369 60.01	Weatherstrips..... 49 303+
Flexible panel combined..... 160 10	Signaling Teaching 434 223	Sillimanite
Float gauge combined..... 73 307+	Signature Gatherers and Conveyors	Ceramic containing..... 501 141+
Foghorn..... 116 137 R	Conveyor power driven..... 198 644	Porcelain containing..... 501 141+
Electric actuation..... 340 384.1+	Machine for writing several..... 33 23.06	Refractory containing..... 501 128+
Folder carried indicia..... 40 359	Sheet associating..... 270 58.01+	Silos
Foot operated linkage..... 74 514	Signing machine..... D18 21	Circular..... 52 245+
Gas separator combined..... 96 417+	Silastic T M (See Synthetic Resin or	Compacting ensilage..... 100 65+
Illuminated by locomotive	Natural Rubber)	Portable, & means for erecting..... 414 919*
headlight..... 362 478+	Silazanes 568 410+	Prestressed..... 52 223.3+
Index card..... 283 36+	Silencer (See Insulating, Sound;	With port..... 52 192+
Lamp for vehicle..... D26 28	Muffle; Noise Deadening)	Siloxanes 556 450+
Lamp or reflector..... D10 111+	Firearm and gun..... 89 14.4	Resinous solids (see also synthetic
Lantern..... 362 166+	Muffler for firearm..... 181 223	resin or natural rubber)..... 528 10+
Letter box..... 232 34+	Silent Butler D32 74	Silver
Life in undertaking..... 27 31	Silica 423 335	Alloys..... 420 501
Liquid purification..... 210 85+	Abrasive compositions containing..... 51 308	Chest or box for..... D03 903*
Lock condition..... 70 441	Absorbents containing..... 502 407+	Composite metal stock..... 428 673
Masts and flagstaves..... 116 173+	Aerogel for coating composition..... 106 287.34	Electrodeposition..... 205 263
Mechanical..... 116 173+	Catalysts containing..... 502 232+	Electrolytic synthesis..... 205 571
Mirror combined..... 359 515+	Cement containing..... 106 737	Mercury alloy..... 205 559
Nautical..... 116 26+	Gel..... 516 98+	Hydrometallurgy..... 75 711+
Open top liquid heating vessel..... 126 388.1	Intermediate in making silica..... 423 338	Organic compounds..... 556 110+
Ordnance..... 89 1.51+	Glass compositions containing..... 501 53+	Proteins..... 530 400
Periodic..... 116 22 R+	Glass manufacturing..... 65	Pyrometallurgy..... 75 634+
Pneumatic dispatch..... 406 34+	Lime compositions containing..... 106 796+	Silverware
Press combined..... 100 99	Lubricants containing..... 508	Chest or box for..... D03 903*
Pyrotechnic..... 102 335+	Silicane 556 465+	Sorter..... 209 926*
Cartridge..... 102 346	Silicates & Silicon Compounds,	Tray or container..... 206 557
Design..... D22 112+	Inorganic	Simulations
Parachute flares..... 102 337+	Abrasive compositions containing..... 51 308	Article dispensing..... 221 24
Railway torpedos..... 246 487	Absorbents containing..... 502 407+	Artificial intelligence..... 706 920*
Skyrocket..... 102 347+	Catalysts containing..... 502 232+	Cabinets with..... 312 204
Torches..... 102 336+	Coating or plastic compositions	Display..... 40 538+
Railway..... 246	containing	Material dispensing combined..... 222 80+
Audible and other signal..... 246 217	Alkali metal..... 106 286.7+	Pyrotechnics..... 102 335
Audible for switch..... 246 217	Carbide..... 501 87+	Supports digest..... 248 908*
Block signal systems..... 246 20+	Glass..... 501 11+	Toys..... 446
Bridge warning..... 246 486	Lime combined..... 106 792+	Velocipedes..... 280 827+
Cab signal..... 246 167 R+	Opacifiers for enamels..... 106 312	Sine Bar 33 536+
Crossing signal on train..... 246 208	Pigments fillers aggregates..... 106 400+	Sinew Removing 452 172
Dispatching combined..... 246 2 R+	Portland cement type..... 106 713+	Singeing
Drawbridge protection..... 246 118+	Portland cement type making..... 106 739+	Cloth finishing..... 26 3+
Electric actuation..... 246 218+	Refractories..... 501 94+	Electric burner..... 219 223+
Fluid motor actuation..... 246 257+	Slag..... 106 789+	Hair combs for..... 132 118
Grade crossing..... 246 111+	Detergents containing..... 510 511+	Hogs..... 452 73
Highway crossing..... 246 292+	Dyeing..... 8 523+	Thread finishing..... 28 239
Highway crossing electric..... 246 125+	Fertilizers containing..... 71	Warps..... 28 174
Interlocking..... 246 131	Hydrofluosilicic acid..... 423 341	Single Crystal (See Crystallization)
Mail delivery..... 258 2	Lubricants containing..... 508 110+	Single Grid Twin Plate Control Tube 313 303
Mechanical motor actuation..... 246 262+	Organic compounds..... 556 400+	Single Roll Crusher 241 221+
Passenger at station..... 246 209	Esters..... 556 482+	Singletree
Pilot car..... 246 166	Silica..... 423 335	Horse detacher
Roadway defect..... 246 120+	Silicofluorides..... 423 324	From thill or evener..... 278 32
Signal car..... 246 166	Silicic Acid 423 325	Traces from singletree..... 278 24+
Torpedo..... 246 487	Silicofluoric Acid 423 341	Sink (See Receptacles) 4
Torpedo placing..... 246 210+	Silicofluorides 423 324+	Cabinet combined..... 312 228
Traction cable..... 104 179	Silicol 556 463	Design..... D23 284+
Train dispatching..... 246 2 R	Silicon (See Semiconductor	Disappearing bowl..... 4 DIG. 2
Train position..... 246 122 R+	Processing) 423 348	Drain board or tray..... D32 56
Tunnel warning..... 246 486	Alloys	Lining mat..... D32 57
Vehicle energy actuation..... 246 270 R+	Aluminum..... 420 548	Plumbing for sink traps..... 4 679+
Whistle..... 116 137 R+	Aluminum copper..... 420 537	Strainers and stoppers..... 4 286+
Recorder..... 346	Copper..... 420 490	Structure..... 4 619+
Recorder combined..... 346 17+	Metallic..... 420 578	Tub combined..... 4 553+
Reeling tension device..... 242 128	Carbide..... 423 345	Sinker
Rudder position..... 116 303	Ferro producing..... 420 578	Fishing type..... 43 43.1+
Safes combined..... 109 38+	Organic compounds in compositions 106 287.1+	Design..... D22 145
Security instrument..... D10 104+	Polymers (see synthetic resin or	Knitting machine..... 66 104+

Class Subclass		Class Subclass		Class Subclass	
Traps	43 68	Skewer	99 419+	Union type	2 71+
Sinkhead	249 106	Ski (See Aquaplane; Sled)	280 601+	Machine pistons	92 208+
Sintering		Apparel design	D02 744+	Skiving	
Apparatus, ore	266 176	Bindings	280 611+	Leather	69 9+
Stationary grate	266 185	Clamp type having plural		Shoe	
Cellular synthetic resin or natural		diverse axes clampspss	280 DIG. 12	Toe and heel stiffeners	12 62+
rubber product	521 919*	Controlled by skier position		Upper machines	12 58
Ceramic composition	501 1	or by remote control	280 DIG. 13	Sku Codes	
Clay	264 603+	Brake	280 604+	Sensing item or product	705 23
Glass granules	65 17.3	Carriers	224 917*	Skullcaps	D02 865+
Apparatus	65 144	Carriers, hand	294 147	Skylight	52 200
Ores	75 746+	Case	206 315.1	Clerestory	52 18
Portland type cement making	106 739+	Clamp	280 814	Skyrockets	102 347+
Powder metallurgy		Design	D21 766+	Skywriting	40 213
Processes	419	Exercise device	482 71	Slabs (See Panel)	
Liquid phase	419 47	Handle or grip design	D08 DIG. 6	Mixing	433 49
Products	75 228+	Poles and sticks	280 819+	Reinforced concrete	52 600+
Processes	432 1+	Presses	280 815	Slack Adjuster	74 522
Lime gypsum cement	106 765+	Simulators	280 842	Brakes	188 196 R
Sinusoidal Generator		Slide	472 90+	Slag	
Electronic tube type oscillator	331	Snow, ie, non-water, powered	180 180+	Cement	106 789+
Generator structure	310	Shoe fasteners	280 611+	Coating or plastic compositions	501 28
Generator system	322	Trail groomer	37 219+	Inorganic setting material	
Siphon		Teaching skiing	434 253	containing	106 789+
Acetylene generator	48 17	Water skis	441 68+	Portland cement	106 714+
Boiler	122 68	Tow line	114 253+	Electric welding with	219 73
Bottle	215 4+	Work holder for	269 906*	Glass electric melting of	373 27+
Design	D07 300.1	Skid	193 41	Portland type cement making from	106 767
Filling	141 14+	Aircraft landing gear	244 108	Recovering metal values from	75
Bowl	4 421+	Anti		Separating, metallurgical	266 227+
Code recorder	178 91	Armored resilient tire	152 167+	Utilization other than wool	
Dispensers	222 416	Boots and shoes	36 59 R+	Apparatus	65 141+
Discharge assistant combined	222 204	Devices for resilient tires	152 208+	Process	65 19+
Fluid flow meter	73 222	Chain applier	81 15.8	Wool	
Fluid handling	137 123+	Inverted vehicle	280 32	Compositions	501 36
Automatic	137 132+	Platform	108 51.11+	Making apparatus	425 6+
Lubricator	184 85	Railway		Manufacturing	65 376+
Plumbing	137 247.11+	Car stop	104 260	Slaking	
Syringes	604 131+	Truck	105 216	Lime	423 640
Water closet		Skidding		Apparatus	422 162
Siphon bowl	4 421+	Traversing hoist	212 167	Slant-Board	482 142+
Tank	4 368+	Skidway	193 38+	Slashing Strand Treatment	28 178+
Siren		Hoisting rope combined	414 571	Slat and Slatted	
Design	D10 120	Railway	104 134+	Bed	5 236.1+
Electric	340 404.1+	Vehicle loading conveyer	414 537+	Blind slat holder	292 345
Toy	446 205	Skillet	126 373.1+	Curtain shades and screens	160 130+
Sirup (See Syrups)		Skimmer		Slats per se	160 236
Sizing (See Assorter)		Concentrating evaporator	159 42	Tenoning	144 199+
Bread, pastry and confections	352+	Fermentation apparatus combined	435 283.1+	Floor covering	52 660+
Chain making	59 29	Floating separator	210 242.1	Shutter slats	
Coating compositions		Froth flotation	210 221.1	Vehicle body top	296 118+
Natural resin containing	106 238	Gravitational separator	210 513+	Venetian blind	160 166.1+
Protein containing	106 124.1+	Stratifiers	209 493	Washboards	68 230
Starch containing	106 206.1+	Skimobile	180 182	Wire and slat fabric	245 11
Coating processes	427	Skin Diving (See Diving Apparatus)		Crate	217 51
Dyeing processes combined	8 495+	Skinner		Making	140 25+
Finger ring forming and	29 8	Animal or fish	452 125+	Slate	
Hat making	223 10	Nut	99 584+	Separating from coal	209
Paper tube making	493 269	Skins and Leather	69	Writing surface	434 423+
Textiles chemical modification of	8 115.6	Carrotting of fur	8 112	Slaughtering	452 52+
Warp threads	28 178	Cutting for grafting	606 132	Sled	280 845+
Skate and Skaters Appliances	280 841+	Dyeing	8 436+	Brakes	188 8
Clamp for sharpening by abrading	451 383	Electrolytic treatment processes	205 692	Automatic operator	188 128
Design	D21 760+	Fluid or chemical treatment	8 94.1 R+	Design	D12 6+
Ice, powered	180 180+	Manipulative	8 150.5	Dumping vehicles	298 4
In-line type (design)	D21 764	Forming integral skin, plastic		Earth working tool with	172 387+
Roller, powered	180 180+	and non-metallic	264 45.5+	Excavating	
Sharpening by cutting	76 83	Skip		Scoops	37 411
Skaters supports	482 51+	Chute for rotary drum	193 10	Occupant-steered	280 16
Roundabout type	472 1+	Furnace charging	414 178	Powered, eg, snowmobile	180 182+
With seat	297 5+	Accumulating means before		Shuffler, eg stepper, type	180 187
And runners or wheels	280	release	414 168	Toboggan	280 18
Skating surface for	472 88+	Loading or unloading	414 639+	Water	441 65+
Snow	280 600	Mortar mixer feeding	366 39	Wheels combined	280 8+
Design	D21 761+	Liquid and	366 36	Sledways	104 134+
Strap	280 11.3	Vertically swinging load handler	414 680+	Sleep Sofas	5 12.1+
Water	441 65+	Skipping		Sleeping	
Wheels for	301 5.301+	Exercising devices	482 81+	Awakeners (see awakeners)	
Skeeball Game	273 352	Figure toys	446 311+	Bag	2 69.5
Skein		Rope skipping	446 307	With bed or tent structure	5 413 R
Axles	301 134+	Skort		Car	105 314+
Fluid treating package	8 155.2	Christmas tree base	D11 130	Sleeping Mask	D16 301
Reeling	441 26+	Electrical insulators	174 80	Sleeve	
Holder	242 127	Garment	2 211+	Apparel	
Winding	242 472.5	Apron	2 48+	Adjustable length	2 269+
Skeining	28 291	Design	D02 851+	Mens shirts	2 125+
Skeleton		Forms	223 68+	Protectors	2 59
Figure toys	446 373+	Hangars	223 95+	Sleeve holders	24 15
Keys	70 394	Hem etc markers	33 9 R+	Sleeve holders design	D02 625
Plug valve	251 310+	Hoop skirt making	223 6	Appliers and removers	29 282
Towers	52 651.01+	Protectors	2 47	Force multiplying operator	29 244+
Skelping Metal	72 176+	Protectors design	D02 860+	Hand grippers	29 280+

Class Subclass		Class Subclass		Class Subclass	
Manufacturing type	29 234	Sand mold compactor	164 198+	Small Arms (See Gun)	
Manufacturing type resilient	29 235+	Seal for a joint or juncture	277 423+	Smart Card	
Bearings	384 276+	Slingshot	124 17+	For sales tax payment	705 19
Roller	384 569	Design	D22 106	For electronic funds transfer	705 39
Rotary thrust collar and	384 275	Slip (See Apparel)		For remote banking	705 42
Chuck pipe and rod joints	403 300+	Covers for chairs and seats	297 219.1+	Using an atm	705 43
Auxiliary detent operated by	285 82+	Drill pipe or rod	175 423	With encrypted data	705 70
Chucks or sockets	279	Ferry slip	114 231	Requiring authorization	705 44
Duplicate ends intermediate	285 66	Key slip for musical instrument	84 80	To pay bills	705 40
Electric conductor	174 84 R+	Rings electric	310 232	With paper check handling	705 44
Flexible	403 223	Ship building and repairing	405 1	With reader	705 41
Flexible	285 235	Undergarment	D02 721+	For parking garage access	705 13
Hinged	403 309+	Half slip	D02 722	For purchasing postage	705 403
Lugged pipe locking	285 82	Well	166 206+	For redeeming electronic coupons	705 14
Molded	285 294.1+	Packer or plug combined	166 118+	For secure, encrypted transactions	705 65
Rotary locking	285 377	Slipper (See Shoe)		Balancing account	705 68
Swivel lateral port to	285 190	Fleeced soles	36 26	Detecting double spending	705 69
Electric conductor joint	174 93	Inside	36 10	With authentication	705 67
Grinding process	451 51+	Slitting		For updating checkbook	705 33
Lost motion socket type chuck	279 19.6+	Dental crown	433 145	Initializing or reloading	705 66
Pendant watchcase bow fastener	368 305	Shoe machines		Third party billing for business	705 53
Railway axle	295 37	Folding uppers combined	12 55.1	data processing	705 53
Railway track		Grooving soles combined	12 40	Smelting Metal	
Fastenings	238 377	Welt beveling combined	112 44	Apparatus	266
Rail joint	238 248	Tobacco		Electrothermic	75 10.1+
Tie plate	238 300	Ash receiver combined	131 233	Furnaces	432 120+
Strand knotter	289 12	End cutter combined	131 252	Pyrometallurgy	75 414
Tobacco pipe stem with	131 228	End slitter	131 253+	Smocking	112 133
Vehicle wheel stop engaging	301 122	Molding perforating cutting		Smoke	
Wrench traveling jaw rocking	81 105	combined	131 83.1	Bells	362 379
Sleigh	280 845+	Webs	83 425+	Box	
Bell	116 170	Winding combined rotary cutter	242 525.6+	Boiler	122
Slicer & Slicing (See Cutter)	83 707	Sliver and Sliver Making		Draft regulators	110 157+
Diminishing workpiece	83 703+	Assembling	368 102+	Spark arresters	110 122+
Vegetable meat etc.	83	Cans	19 159 A	Coating by	427 248.1+
Corer combined	99 545	Forming	19 150+	Compositions	516 1+
Parer corer doffer combined	99 543	Stopping apparatus control	19	Conductors for locomotives	110 145+
Wood	144 162.1+	Winding	242 472.1+	Curing and smoke houses	99 467+
Scoring combined	144 42+	Wood	144 185+	Detectors	
Turning	142	Slot and Slotted		Ionization	250 381
Slide		Airfoils	244 198+	With alarm	340 629
Amusement	472 116+	Antenna	343 767+	Measuring device	356 438
Design	D21 818+	Bedstead corner fastening	5 299	Optical system	250 574
For gliding vehicle (e.g., ski)	472 88+	Bedstead pivoted leg shoulder and	5 314.1+	Photoelectric	250 573+
Bearings	384 7+	Forming (see specific tools; grooving)		With alarm	340 630
Buckles	24 190	Hinge	16 357+	Disposition	95
Clasps	24 522+	Machine slot closers	74 566	Arc lamps	314 26+
Educational display	434 405	Gauge combined	83 522.11+	Electrical precipitator	96 15+
Fastener (see also zipper)	24 381+	Making		Processes	95 57+
Holder	D16 236	Milling	409 64+	Elimination	95
Machine tools		Planing	409 304+	By return to fire box	110 203+
Lathe	82 132+	Punching	83	By separating flue gases	110 148
Milling machine	409 145+	Wood cutting	144 136.1+	Heating cars by smoke	237 12.5
Turret	29 36+	Punching bolt cotter slots	470 161	Indicators	356 438
Way guard	384 15+	Railway		Jacks	104 52
Projector	353	Couplings	213 75 R+	Miscellaneous stacks	110 184
Frame	40 701	Pneumatic car propulsion	104 155	Monitors	356 438
Slide holder	206 456	Slot closers air sealing	104 161	Ovens smoke pipe heated	126 17
Rest	82 137+	Slot closers cable traction	104 194	Producing	
Surface	108 65+	Slot switches cable traction	104 195	Buoys	441 19
Table combined	384 7+	Slotted pavement conduit	104 140+	By materials sprinkled on fuel	44 641
Viewer, photographic	D16 233	Track slot brake	188 40	Cartridges	102 334
Slide Rule	D18 9+	Slot machines	194	Drop bombs	102 334
Bar type	235 70 R	Trolley rail two tread slotted		Food smoking	99 467+
Circular	235 78 R+	tube	104 108	Fumigators	422 305+
Cylinder type	235 79.5	Slub Detecting	28 227+	Grenades	102 334
Disk type	235 84	Slubbing	19 237	Plant frost preventing	47 2
Teaching device for music	84 471 SR	Sludge		Processes	516 1+
Sliding		Activated sludge		Projectiles	102 334
Pole	182 100	Collector and remover	210 523+	Shells	102 334
Sling		Gas & liquid contact devices	261 75+	Signals	116 214
Animal restraining	119 725	Processes	210 601+	Smudge pots	126 59.5
Design	D30 151	Submerged fluid treating	210 220+	Toys	446 24+
Hopple combined	119 818	Surface contact aeration		Vermin and bee smokers	43 127+
On livestock carrying vehicle	119 409	apparatus	210 150+	Warfare gases	424 40
With alarm	340 573.1+	Collector and remover		Warship smoke screens	114 15
Cartridge	224 602+	Acetylene generator	48 57	Protection from	
Centrifugal projector	124 4+	Earth boring combined	175 206+	Masks	128 206.12+
For firearms	42 85	Treatment		Oxygen inhalers	128 205.27+
Hand package	294 152+	Fat etc recovery from	554 177+	Purifying and washing apparatus	96 243+
Hoist line	294 74+	Mineral oils	208 13	Process	95 149+
Invalid lift	5 89.1	Sluer and Sluing		Recorders	356 438
Knapsack	224 627+	Rotary crane	212 223+	Reduced smoke or gas generation in cellular polymer	521 903*
With belt	224 637+	Cyclic	212 286	Return to fire	110 203+
Liquid	239 214+	Mechanism	212 245+	Separating from gases	95
Surgical	602 4	Track layer	104 8	Stacks	110 184
Vehicle towing	414 563	Slug		Chimneys	454 1+
Slinger		Processing for food	452 12+	Masonry and concrete	52 245+
Centrifugal liquid projector	239 214+	Slurry (See Sludge)		Ships	114 187
Gas and liquid contact	261 84+	Coal-type fuel in liquid	44 280+	Smoke box combined	110 121
Refrigerator defrost liquid	62 280	Nuclear fuel	376 356+	Smoke jacks	104 52

Class Subclass		Class Subclass		Class Subclass	
Stove pipes	126 307 R+	River surface	405 61	Railway screw spike	238 373
Sticks	452 186	Surface heaters	126 271.1+	Railway spike	238 371
Tobacco smoking devices	131 330+	Making		Separable head and	24 572.1+
Toy smoking devices	446 24+	By spraying water	62 121	Framing	403 187+
Track sanding by smoke and cinders	291 4	Congeaing sprayed water	62 74	Light	439 660+
Smoking Items (See Cigarette; Tobacco)		Melting	37 227+	Machine and tool part	
Anti smoking devices	D27 100	By electricity	219 213+	Brush tuft	15 191.1+
Ash receiver and cleaner combined	131 232	Compositions	252 70	Chucks	279
Cleaners	131 243+	Plow (see road and track clearers)	37 196+	Tool handle fastenings	403
Design	D27	Design	D15 11+	Work holder wood	142 57
Holder for diverse items, eg matchbox attached to ashtray	224 278	Scraper	37 266+	Masonry anchor	52 704+
Smoothing(See Ironing Devices; Press)	38	Production	239 2.2	Pipe rod and shaft joints	279
Cigar or cigarette tip or mouthpiece applying	131 89+	By comminuting ice	241	Flexible shaft	464
Combined with making	131 30	Road and track clearers	37 196+	Rod	403 361
Filter	333 181+	Excavator and melter	37 227+	Rotatable rod in	403 165
Leather	69	Railway excavator	37 198+	Seal for a joint or juncture	
Metal burnishing	29 90.01+	Railway track clearers	104 279+	Dynamic	277 507
Thread finishing	28 219+	Sledded scoops	37 264+	Static dome, cup or bell	277 635
Tobacco treatment	131 324+	Sledded scrapers	37 270+	shaped	277 635
Leaf stemming combined	131 315+	Snow compressor	37 225+	Whip	280 170+
Smudge Pot	D23 334	Roof stop	52 24+	Wrenches	81 121.1+
Smut Removal from Grain		Shoes	36 122+	Socks	D02 980+
Abrasion or impact grain scouring	426 481+	Design	D21 768	Sod Cutters	172 19+
Apparatus	99 516+	Shovel	294 54.5	Soda and Potash	423
Apparatus	99 600+	Simulation of on theatrical stage	472 65	Carbon compound	423 421
Brushing etc machines	15 3.1+	Skates	280 600	Oxygen compound	423 641
Cereal comminuting processes	241 6+	Design	D21 760+	Recovery	423 179
Cereal food	426 481+	Snowfall simulation	40 410	Soda Fountain	
Preservation	426 321+	Suit	D02 744	Cabinet structure, ie syrup compartments	312
Liquid cleaning of bulk material	134 25.1	Vehicle trailer	D12 6+	With dispensing	222 173+
Tumbling abrading	451 328+	Snubber (See Dashpot; Shock Absorber)		Soda water apparatus (see carbonation; dispensing; foam)	
Processes	451 32+	Crane boom	212 326	Design	D07 300.1+
Snaffle		Snuffer, Flame	431 129+	Soderberg Electrode Arc Furnace	373 60
Bit for animals	54 8	Snuffer, Flame	431 144+	Electrolytic apparatus	204 225+
Snail		Candle	431 35	Sodium (See Alkali Metal)	
Processing for food	452 12+	Candle	431 144	Amalgam	420 526
Snakes		Soap		Electrolytic synthesis	205 558
Electricians	254 134.3 R	Bar	510 447+	Chloride dissolver	422 902*
Plumbers	15 104.33	Designs	D28 8.1+	Organic compounds	260 665 R
Snapper	56 113+	Holder, design	D06 532+	Preparation	75 745
Snaps		Laundry	510 294	Pyrometallurgy	75 589+
Acting regulators	236 48 R	Sponge pocketed for	401 201	Valve cooled by	123 41.16
Actions	74 20+	Toilet	510 141+	Making	29 888.45
Temperature and humidity regulators	236 48 R	Bubble devices	446 15+	Vapor lamps	313 567+
Valve	251 75	Detergent containing	510	Sofa	
Clothing fasteners	D11 220+	Biocide combined	510 382+	Bed	5 12.1+
Dispenser outlet element	222 498+	Oxidant combined	510 367+	Construction elements	5 52
Glass work holder	269	Dispenser	241 602*	Chairs and seats	297 232+
Halter	119 776	Dye	8 525	Design	D06 334
Hook	24 598.4+	Fatty acid	554 1+	Swing type	297 282
Buckle combined	24 165	From mixture of acids	252 367.1+	Exercise	482 142+
Separable fastener type	24 572.1+	Heat exchange compositions containing	252 79	Table bed type	5 7
Snap ring	24 16 R	Holding and feeding		Soft Drinks	426 590+
Switch	200 402+	Applicator combined	401 143+	Carbonated	426 590+
Whiplash combined	231 5	Bracket-type holder	248 200+	Softening	
Snapshot		Clothes washer combined	68 17 R	Leather	69
Binder device releasably engaging aperture or notch of sheet	402	Devices	206 77.1	Protection	
Snare Drum	84 415+	Dispenser type	222	Water	210
Snarling Irons	72 399+	Suspended-type holder	248 317+	Ion exchange process	210 660+
Sneakers, footwear	D02 902+	Washboard combined	68 224	Software	
Snelling	242 448+	Liquid soap dispenser	D06 542+	Prevention of illegal copying by	705 58
Hand tool	242 442	Lubricants containing	508 110+	program identifier	705 58
Snip (See Shears)		Making	252 367.1	Soil	
Sniperscope (See Sniperscope)		Apparatus	422 129.1	Gas content testing	73 19.09
Sniperscope		Cutters for	83	Handlers or conveyors	172 33
Infrared converter tube	313 525+	Molding devices	425 289+	Mixer, machinery design	D15 19
With electric circuit	315 10+	Natural resin acid	530 200	Software development	717
Snore Inhibiting Devices		Natural resin metal salts	530 200+	Stabilizing compositions	106 900*
Design	D24 164	Rosin metal salts	530 224+	Treatment machinery, design	D15 21
Sleep inhibiting alarm	340 575	Shaving	424 73+	Soil Life Extenders	504 113
Surgical electrical system	607 2+	Kit, brush or soap retained	401 118	Sol (See Colloid Systems Dispensing; Suspensoids)	516 9+
Snorkel	128 201.11	Kit, with toilet articles, eg	132 289	Radioactive	252 634+
Snow		Mirror	132 291	Solanum Alkaloids	546 124
Apparatus for making	239 14.1	Soccer	473 415+	Solar	
Artificial	106	Goal	473 478	Bleaching	8 103
Blower	37 244+	Social Sciences		Celestial observation instruments	33 268
Compressor	37 225+	Computer controlled, monitored	704 1+	Cells	136 243
Exhibitor	40	Socket (See Joints, Ball & Socket)	279 9.1+	Systems	323 906*
Fences	256 12.5	Artificial body members		Concentrating evaporators	159 903+
Heaters		Leg sockets	623 33+	Cooker or warmer	D07 324
Compressor combined	37 226	Barrel hoop	217 90	Crystallization process	23 295 S
Earth thawing	405 131	Bracket article holder	248 314	Distillation of water	203 10+
Excavator combined	37 227+	Brush and broom support	248 111+	Driers	34 93
Melting furnaces	126 343.5 R	Car body stake	296 43	Food treatment	99
Railway switch	246 428	Castor	16 43	Hazardous or toxic waste destruction	588 306+
		Electric connections	439	Heat accumulator structures	126 400
		Adaptor	439	Heat collectors	126 569+
		Adaptor socket	439 638+	Heat exchange	
		With resistor	338 220		
		Fastenings and connections	279		
		Cord and rope	24 136 L+		

Class Subclass		Class Subclass		Class Subclass	
Automatic control of heat.....	165 236	Coating or plastic composition for ...	106 311	Cigarettes, etc.....	209 536
Heating and cooling.....	165 48.1	Compositions	252 364	Laser	209 579
Heating systems.....	237 1 R	Extraction to recover hydrocarbon.....	585 833+	X-ray	209 589
Kinesotherapy.....	D24 209	Gas package or receptacle having... 206	.7	By size.....	209 659+
Living body treatment.....	607 95+	Polymer dissolver.....	422 901*	By susceptibility to deform	
Panel	136 243	Recovery by drying or distillation		Condition responsive means ...	209 599
Photovoltaic or photoelectric		Concentrating evaporators	159	Separating means.....	209 699
generator, ie solar cell.....	136 243	Distillation.....	203	Cigarettes	209 535+
Power plants	60 641.8+	Distillation apparatus	202	Eggs	209 510+
Energizing & storage	60 659	Drying combined	34 72+	Electrostatic	209 127.1+
Reflectors, curved surface.....	359 868+	Mineral oils	208 179+	Fluid suspension	209 132+
Refrigeration utilizing.....	62 235.1	Refrigerant combined.....	252 69	Lumber	209 517+
Spacecraft altitude control by		Sodium chloride & potassium		Magnetic.....	209 212+
solar pressure	244 168	chloride dissolver	422 902*	Mail	209 900*
Sterilizing.....	422 22+	Treatment of coating.....	427 335	Paper money	209 534
Apparatus.....	250 428+	Well		Preparing items for sorting	209 3.1+
Stills	202 234	Cleaning with	166 304	Sifting.....	209 233+
Distillation digest	203 DIG. 1	Solid material recovering.....	299 5	Special items	209 509+
Stoves and furnaces	126 569+	Sonar and Sonics		Stratifiers	209 422+
Thermoelectric generator	136 206	Flow	261 DIG. 78	Stratifiers	209 422
Solder & Soldering (See Alloy)	228 56.3	Gas separation apparatus.....	96 389	Weight operated	209 645
Apparatus	228	Gas separation process	95 29+	Condition responsive controls	209 592+
Design.....	D08 30	Portable sonar devices	367 910*	Sound (See Insulating; Recording;	
Blow torches	431 344	Simulators, sonar	434 6+	Reproducers; Acoustics)	
Can body forming and side seam.....	228 17.5+	Sonar design	D10 46+	Bell.....	116 148+
Can head or body seam	228	Sonar time varied gain control		Electric	340 392.1+
Electric	219 129	systems	367 900*	Boxes for phonographs	369 160+
Fuse self soldering.....	337 152	Sonic tests		Building structure	
Heat	219 129	Compressional wave in fluid	367 87+	Deadening in ventilators.....	181 224
Metal heating	219 85.1	Gas analysis	73 24.01	Deadening in walls and floors	181 290+
Soldering iron	219 227+	Gas content	73 24.01	Camera focusing, automatic	396 105
With pressure	219 85.1	Seismic	367 14+	Cassette for recording tape	D14 475+
Iron.....	228 51+	Vibration.....	73 570+	(design).....	D14 475+
Design.....	D10 46+	Vibrators.....	261 DIG. 48	Controls direction of travel	
Electrically heated	219 227+	Wave bonding, nonmetallic		Airplane	244 76 R+
Heater portable furnace.....	126 236+	Apparatus	156 580.1+	Damping	
Self heating with burner	126 413+	Process	156 73.1+	Refrigeration related	62 296
Permanent closure	220 600+	Wave measurers.....	33 1 P	Vibrations in overhead	
Stick.....	428 558	Sonic		electric conductors	174 42
Temporary closure	220 200	Hazardous or toxic waste		Deadening	181 284+
Solderless		destruction.....	588 304	Direction indicators	181 125
Terminals	439	Used for lysing cells	435 173.7	Ear stoppers	128 864+
Flexible wire joint	403 206+	Used in reaction to prepare		Equipment illuminators.....	362 86
Wire joining machines	140 113+	inorganic or organic material	204 157.15+	Facsimile recorders	358 296+
Sole		Used in reaction to prepare or		Forming sound grooves in record	264 106
Forming and attaching		treat synthetic resin or		Gas separation apparatus	96 389
Attaching means	36 12+	natural rubber	522 1+	Gas separation process	95 29+
Machines	12 17 R+	Soot		Horn or whistle	116 137 R+
Sewing machines	112 29+	Blower		Electric	340 384.1+
Straighteners	12 120.5	Boiler installed	122 390+	Image converter	367 7+
Trimmers	12 85+	Heater installed.....	165 95	Imitation	472 64
Pad		Catcher	126 280	Intensity measuring	73 646+
Cleaning devices	15 227	Sorbent (See Absorbents)		Locating devices	181 125
Cushioned horseshoe.....	168 14	Air contacting with refrigeration.....	62 271	Making devices, manufacture of	29 896.2+
Foot supporters and	36 71	Process	62 94	Meter.....	73
Horseshoe	168 26+	Gas adsorption thermometer	374 159	Similar to pressure gauge.....	73 432.1
Horseshoe, design.....	D30 149+	Gas separation apparatus.....	96 108+	Motion picture apparatus	352 1+
Shoe	36 25 R+	Gas separation processes	95 90+	Music.....	84
Antislipping devices	36 59 R+	Liquefied gas		On film	369 125+
Design.....	D02 962	Producing	62 632+	Film strip	369 16+
Attaching means	36 12+	Storing	62 46.1+	Mechanical	369 111
Design.....	D02 896+	Refrigeration utilizing	62 476+	Phonograph sound box.....	369 160+
Design, insoles.....	D02 961	Automatic	62 141+	Post for violins	84 277
Design, protectors.....	D02 909	Process	62 101+	Recording and reproducing (see	
Filling compositions	106 38	Sorbic Acid	562 601	phonographs).....	369
Insoles	36 43+	Sorbitol	568 852+	Assembling process	29 896.2+
Interfitted heel and	36 24.5	Sorel Cement	106 685+	Coating composition	106 37
Light etc application to body	607 114+	Sorghum	426 658+	Design	D14 199
Outsoles	36 25 R+	Sorption to Recover Hydrocarbon	585 820+	Electric	369 128+
Protectors.....	36 73+	Sorters and Sorting		Speech from static memory....	704 258+
Solenoid (See Magnet)		Automatic machines.....	209 509+	Electroforming.....	205 68
Solid (See Liquid)		Belts sifters	209 307+	Molding apparatus	425 406+
Detectors	422 68.1+	Coin	453 3+	Molding process.....	264 106+
Solid State Circuits and Devices (See		Data processing equipment	D18 47	Projection screen.....	359 443+
Transistor)		Electrostatic	209 127.1+	Talking picture.....	352 1+
Solidifying (See Crystallization)		Fluid suspension	209 132	Tape winding means	242 324+
Borehole inclinometer		For paper sheets	271 287	Records	369 272.1+
Earth control by	405 263+	Grates or sifters	209 233+	On magnetized wire	360 89
Gas	62 601	Machines for statistical records		Responsive	
Liquid by cooling	62 340+	Coded edges	209 608	Electric	381 433+
Automatic	62 135+	Coded holes	209 613	Electrical selector.....	367 197+
Process.....	62 66+	Magnetic	209 212+	Printing.....	178 31
Liquid comminuting combined		Racks	211 10+	Radio controlled	340 825.72+
Apparatus	425 222+	Refuse treatment means	110 220	Pulse responsive.....	340 825.69
Processes	264 5+	Sheet feeding or delivery.....	271	Signaling.....	181
Liquid fuel.....	44 265+	By items following different		Toys	446 175
Sugar processes	127 58+	trajectories	209 638	Responsive explosive igniters.....	102 211
Solids Dissolving for Cooling	62 4	Thrower	209 642	Mines.....	102 427
Solids Separating and Stratifying ...	209	Sorting & classifying solid items	209	Mines marine	102 416+
Solvent (See Extracting)		Bottles	209 522+	Signs x-reference collection	40 906*
Cleaning or detergent		By sensing radiant energy	209 576+	Siren.....	116 147
composition containing	510 405+	Bottles, jars, etc	209 524+	Speed of sound compensation	367 902*

Class Subclass	Class Subclass	Class Subclass
Telegraph sounder..... 178 98+	Systems gas or vapor tube..... 315	Sparker (See Igniters) 123146.5 R+
Tone arms..... 369 244.1+	Systems miscellaneous..... 250	Internal combustion engine..... 123146.5 R+
Electrical pickup..... 369 135	Systems television..... 348	Toy..... 446 22+
Mechanical pickup..... 369 158+	Testing, vacuum tube..... 324 405+	Sparklers 102 358+
Toy..... 446 397+	Cathode ray tube..... 324 404	Spats 36 2 R
Aerial top..... 446 213+	Treating foods and beverages..... 99 451	Design..... D02 901
Figure..... 446 297+	Vacuum and pressure furnace..... 373	Spatulas 294 49+
Figure wheeled..... 446 270+	Welding arc..... 219 136+	Speaker 381 150+
Musician..... 446 297+	Arc..... 373 77	With amplifier..... 381 120+
Top..... 446 258	Induction..... 373 110+	Speaking Aid 181 177+
Air actuated..... 446 213+	Resistance..... 373 140+	Megaphone..... 381 82+
Wheeled..... 446 409+	Space Induction Systems	Public address system..... 330
Whirling..... 446 215	Telegraph..... 178 43	Amplifier..... 181 18+
Transmission	Telephone..... 379 55.1	Speaking Tube D10 116
Electrical telephone..... 379	Train inductive telegraphy or	Design..... 30
Mechanical telephone..... 181 138	telephony..... 246 8	Spear 473 578+
Wave analysis..... 73 645+	Transmission of electricity	Aerial game projectile..... D22 117
Wave exhibitor..... 73 659	To electric motor..... 318 16	Design..... 294 61
Electric wave analyzer..... 324 76.12+	To vehicle..... 191 10	Handling..... 43 6
Sounders	Vehicle electrically powered by	Harpoons..... 482 20
Electromechanical bells and gongs.. 340 392.1+	magnetic induction..... 191 10	Javelin type..... D22 102
Telegraphic..... 178 98+	Space Ship 244 158.1+	Speargun 206
Sounding	Control systems..... 244 158.1+	Special Receptacles 73 32 R+
Board for pianos..... 84 192+	Design..... D12 320	Testing..... 546 15
Depth..... 33 713+	Toy (design)..... D21 451	Speciofoline 29 20
Compressional wave underwater..... 367 99+	With booster rocket..... 102 374	Metal frame making..... 351 111+
Fathometer t m electrical..... 367 99+	Spaced Wall Containers	Temples..... 356 300+
Rods..... 33 721+	Bottle or jar..... 215 12.1+	Spectrographs 356 302+
Soups 426 589	Cabinets..... 312 400+	Spectroheliographs 356 302+
Souring 8 137	Metallic receptacles..... 220 62.11+	Spectrometer 356 326
Agents..... 252 193	Pitchers..... 222 131	Cavity
Soya Bean Products	Spacer and Spacing	Electron resonance system..... 324 316+
Beverage..... 426 598	Article arranging on conveyors..... 198 434+	For color film..... 355 38
Coating or plastic compositions	Article placing on conveyors..... 198 434+	Nuclear resonance system..... 324 307+
containing..... 106 125.1+	Concrete reinforcement..... 52 677	Spectrometer components..... 324 318+
Extraction of oil..... 554 9+	Container wall..... 220 62.11+	Chemical analysis, apparatus..... 422 82.05
Phosphatides..... 554 79+	Dental separators..... 433 148	Radioactivity..... 250 472.1
Proteins..... 530 378	Hoist bar..... 294 81.1+	Ultraviolet..... 250 372+
Sauce..... 426 629+	Nuclear fuel structure..... 376 438	X ray..... 378
Space Discharge Devices, Electric	Orthodontic..... 433 2+	Spectrometry 356 300+
Cathode sputtering coating or	Piling material..... 206	Mass..... 250 281+
forming apparatus..... 204 298.01	Planting implement spacing in hill... 111 94	Spectro-Optical Digitizer
Cathode sputtering coating or	Printing fillers..... 101 403	Chemical analysis, apparatus..... 422 82.09
forming process..... 204 192.1+	Railway	Spectrophotometer 356 319
Chemical apparatus..... 204	Guard rail..... 238 22+	Chemical analysis, apparatus..... 422 82.09
Chemical electric discharge..... 204 164+	Rail joint..... 238 227+	Ultraviolet..... 250 428+
Apparatus..... 422 186.21+	Tie..... 238 105	X ray..... 378
Circuits for gas filled tubes..... 315	Sewing machine tucking..... 112 146	Spectroscope 356 300
Drying and gas or vapor	Sheet for drying..... 34 306+	Spectrum (See Spectrometer)
contact with solids..... 34 245+	Typewriter	Design..... 600 184+
Electric switch, eg lamp	Back..... 400 308+	Design..... D24 135
starter switch..... 337 22+	Line..... 400 545+	Speech (See Sound)
Furnace pressure or vacuum..... 373 10	Variable..... 400 303+	Amplifier..... 330
Heaters..... 219 200+	Vehicle body top board..... 296 34	Controlled..... 178 31
Heating furnace..... 373	Wire fabric making..... 140 50	In typewriter..... 178 31
Igniters..... 361 247+	Spacesuit 2 2.11+	Exhibiting by visual means..... 73 659
Lamps..... 313	Helmet..... 2 2.11+	Measuring by electrical means..... 73 570+
Lightning arresters..... 361 117+	Refrigeration for..... 62 259.3	Wave shape comparing..... 324 76.12+
Making..... 445	Spades (See Shovel)	Making artificially..... 704 258+
Electrode by chemical etching.... 216 12	Gun mount..... 89 40.09	Signal processing..... 704 200+
Semiconductor type..... 438 20	Intrenching..... 42 93	Teaching..... 434 185
Medical and surgical	Spaghetti	Voice reflector for therapy..... D24 175
application..... 128	Cutter..... 83 932*	Waves
Metal heating arc..... 219 121.11+	Design..... D01 126+	Analysis..... 324 76.12+
Nuclear reactions..... 376	Molding apparatus..... 425 376.1+	Speed
Ozonizers..... 422 186.07+	Pasta processing..... 426 451	Measuring device, calibrating..... 73 1.37
Precipitators..... 96 15+	Shaping apparatus, general..... 425 376.1	Motor (see type of motor controlled)
Preservation of foods and	Perforated plate..... 425 331+	Recording..... 346
beverages..... 426 237+	Spanners 81 176.1+	A c motor..... 318 700+
Rectifier structure..... 313	Spar 114 89+	Automatic musical instruments.... 84 128+
Repair apparatus..... 445 61	Torpedo boats..... 114 19	Centrifugal governor..... 346 73+
Repair methods..... 445 2	Spark	Clutches..... 192 146
Spark plugs..... 123 169 R	Arresters..... 110 119+	D c motor..... 388 800+
Structure..... 313	Abrader spark guard..... 451 455	Electric railway vehicles..... 104 300
Structure of arc lamps	Fixed whirler or rotator	Induction motor..... 318 727+
and similar devices..... 314	deflector separators..... 55 447+	Internal combustion engines..... 123 319+
Structure of arc lamps	Flue jet pumps..... 417 156	Lathe headstock gearing..... 82 143+
feeding electrode..... 313 357	Illuminating burners..... 362 380	Load hoist..... 254 267
Structure of electronic tubes..... 313	Coils..... 361 268+	Machine elements and mechanisms 74
Structure of gas & vapor lamps..... 313 567+	Gap..... 313 325	Belt & pulley drive system..... 474
Structure of lightning	Manufacturing..... 445 7	Metalworking machine..... 29 64
arresters..... 361 117+	Plugs..... 313 118+	Motor vehicles..... 180 170+
Structure of mercury vapor	Circuit element combined with.... 315 32+	Pumps..... 417 1+
lamps..... 313 163+	Design..... D13 127	Railway trains..... 246 182 R
Structure of spark gaps and	Engine..... 123 169 R	Speed indicator or
arc gaps..... 313 325	Making..... 445 7+	alarm combined..... 346 18
Structure of spark plugs..... 123 169 R	Tester..... D10 77	Spinning twisting twining
Systems amplifiers..... 373 10	Prevention dynamoelectric..... 310 220	textile apparatus..... 57 93+
Systems arc feeding electrode..... 314	In electric switch..... 318 1+	Treating processes material
Systems cathode ray tube..... 315 1+	Relays preventing..... 361 160+	
Systems combined tube and	Switches arc preventing..... 361 2+	
circuit element..... 315 32+		

Class Subclass		Class Subclass		Class Subclass	
speed control	34 481+	Spillway	405 108	Adhering seam making	
Speed control	34 560+	Spindle		Apparatus	156 502+
Warp tension control textiles	28 185+	Article holding bracket	248 309.2	Process, without overlap	156 304.1
Watches	368 186	Axle	301 131	Bars rail type	238 243+
Responsive or controlled		Rotary	301 126	Insulated	238 159+
Automobile mounted systems	307 10.1	Bearings	384	Belt	24 38
Brakes	188 180+	Lathe headstock	82 148	Drive belt combined	474 253+
Centrifugal switches	200 80 R	Combination lock	70 329	Electric conductor	156 49
Devices	73 488+	Cotton picker	56 50	Electric trolley	191 44.1
Drive release and brake	192 147	Bobbin	242 570+	Film splicer	83 948*
Drop of elevator sans manual control	186 23	Latch	292 358	Design	D08 70.1
Electrical signal processing systems	361 236+	Catches	292 359	Support combined	191 44
Electrical systems	361 236+	Lathe headstock	82 148	Keys and locks rail type	238 250
Electrical systems alarms	340 670+	Saw handle	30 521+	Angle chair	238 198+
Elevator brake and catch	187 373+	Ship	114 59	Rail section	238 226
Elevator car control	187 287+	Toy top	446 264	Web key	238 181
Engine to throttle control	60 906*	Spinning		Sprocket chains	474 218
Flexible shaft couplings	464 1+	Can head seaming	413 27+	Twisted textile strand	57 202
Fluid distribution	303 121+	Filament forming (see wire)		Twisting and spinning	
Gearing	74 336 R+	Apparatus	425 66	Implements	57 23
Limit stops	192 140	Apparatus	425 67+	Machines	57 28
Machine elements trips	74 3	Apparatus	425 76+	Processes	57 22
Measuring & testing speed	73 488+	Apparatus	425 382.2	Unwound	242 551+
Mechanical movements	74 114	Processes	264 165+	Web	242 551+
Motor controlling arc lamp	314 62	Solutions	106 166.01+	Spline	403 359.1
Motor vehicle	180 170+	Fishing reel	242 224+	Gear and	33 DIG. 14
Planetary gearing (see notes thereunder))	475 254+	Metal	72 82+	Match	44 511+
Predetermined speed indicator	116 57	Paper	493 395	Coating composition	149 3+
Railway speed control systems	246 182 R	Textile	57	Making	144 66
Railway train brakes	188 126	Machine forging dies	72 343+	Panel connector	52 586.1+
Servomotor	91 458	Toys	446 236+	Surgical	602 5+
Servomotor follow-up devices	91 366	Tube end	72 80+	Splint and Splint Making	
Shutters motion picture apparatus	352 209	Closed	228 2.1	Splint Preventer	411 912*
Valve actuation	137 47+	Spinning Reel	D22 141	Building component	52 514
Vehicle signals	116 37+	Spintharoscope	250 458.1	Split Second Watches	368 102+
Electric, external	340 466	Spiral		Stop watches	368 113+
Electric, internal	340 441	Abrading scrolls	451 548+	Splitting	
Vehicle speed limit alarms	116 74	Cigar wrapping	131 59	Atomic fission reactions	376
Vehicle speed limit indicator	116 62.3	Conveyers and gatherers		Carcass	452 160+
Vehicle speed limit signals	116 57	Chute	193 12+	Corncob	225
Wave systems to determine velocity	342 104	Chute stratifier	209 434	Leather	69 9+
Synchronizing (see synchronizing)		Cooking filled receptacle		Stone	125 23.01+
Testing electric	324 160+	rollway	99 365	Tool blank	76 11
Timing electrically	324 178+	Cornstalk harvester	56 95	Tube and sheath	30 90.1+
Timing electrically	324 179	Potato diggers	171 57	Well tubing	166 55.2
Timing electrically	324 180	Power driven conveyor	198 778	Wood	144 193.1+
Speed Indication		Electrical conductor armor	174 108+	Bundling combined	144 192
Electrical indicators	324 160+	Fasteners and chucks		Explosive combined	89 1.14
Alarms	340 670+	Chuck scroll actuated	279 114+	Spoilers for Aircraft	244 213+
Limit indicators	116 62.3	Hat fastener	132 62	Spoke	
Alarms	116 74	Spiral fastener	24 112	Land vehicle wheel	301 5.1+
Vehicle operated	116 57	Feed for sewing machine	112 470.11	Making and assembling	
Speed of sound compensation	367 902*	Fixed cutter machine	83 425	Land wheel	
Speedometer	73 488+	Gearing	74 424.5+	Compressed spoke type	29 894.34+
Aerial optical	356 27+	Harrow	172 532+	Tensioned spoke type	29 894.33+
Calibrating	73 1.37+	Measurement, radius &	33 1 SP	Metal wheel assembling	157 1.5
Design	D10 98	Metal coiling by spiral die	72 141	Securing by forging	157 1.55
Odometers	235 95 R+	Muffler baffle	181 279+	Tenon turning	144 206
Power take off	74 12	Nail shank	411 487+	Wood spoke assembling	157
Time interval measurement	368 89+	Nail shank making	470 130	Wood tenoning and sawing	144 18
Electrical means	324 76.39+	Pipe or tube article		Pulley	474 195+
Electrical means	324 179	Flexible spirally wound	138 129+	Railway wheel	295 25+
Electrical means	324 180	Spiral seam	138 154	Spokeshaves	30 281
Speed checker	368 2	Rotary plow	172 532	Sponge and Sponging	
Speedometer (See Speed Indication)		Sifters	209 362	Container	206 209
Design	D10 98	Signal bell spring	116 168	Cups	118 270
Spelling, Teaching	434 167+	Spacer for coaxial cable	174 29	Holder	15 244.1+
Spelter (See Zinc)		Strip cutting		Household cleaning tool	D32 35
Spermaceti Purification	554 175+	Die cutting	83	Implement coating	
Spermacides & Contraceptives	424 DIG. 14	Toy propellers	446 43	material combined	401 196+
Sphygmoscope, sphygmograph and Sphygmomanometer	600 490+	Toy top spinner	446 241	Mop	D32 40+
Spices	426 638+	Tube making and welding	228 145	Pocketed to contain soap	401 200
Condiment dispenser	D07 590+	Apparatus	228 17.7	Resilient tire filler	152 313
Plural cell	D07 597	Paper tube winding	493 299	Rubber	521 50+
Shaker	D07 591+	Sheet metal spiral seam	72 49	With fabric cover or backing	15 244.3
Spigot (See Valve)		Wire spiral stud making	140 92	Spontaneous Combustion (See Explosion Control; Fire, Extinguishing; Ventilating)	
Spike	411 439+	Wood turning spiral grooving	142 23+	Spool	242 600+
Design	D08 391	Spirit Level	33 377+	Cabinet	
Locked by recess or protrusion	411 451.1+	Design	D10 69	Dispensing	221
Making	470 39	Illuminator	33 348.2	Stacked article	312 45
Pullers	254 18+	Spirometer	600 538	Container for flanged spool	206 398
Railroad tie		Spits Cooking	99 419+	Convolute winding on	242 520+
Drivers	104 17.1	Spittoon	4 258+	Cutlery with	30 124
Railway	238 366+	Cookstove attachment	126 32	For strand	242 118+
Ship implement	114 221 R	Design	D34 2	Flush	242 134+
Shoe cleat or	D02 962	Flushing	4 262+	Holder	242 134+
		Dental	4 263+	Tape spool	D19 65+
		Pocket	4 259	Holder for sewing	223 106+
		Splash Board		Labelling	156 556+
		Cabinet with	312 229	Lifters	242 473.1
		Splash Control Element Mold	249 206	Musical stringed instrument	84 303
		Splice (See Joints)			

Class Subclass		Class Subclass		Class Subclass	
Packages of spools	206 389+	Liquid freezer	62 347	Mechanical gun fluid pressure	124 66+
Rack	242 134+	Process	62 74	Mechanical gun magazine	124 52+
Spool winders	242 480.7	Machinery	D15 13	Nonrefillable bottle valve	215 19
Stand for sewing item	D03 23+	Material diffusing from aircraft	244 136	Oil cup cover	184 88.1+
Typewriter ribbon	400 242+	Metal spraying	299 DIG. 39	Pivoted handles shears	30 212
Valve	137 625.34+	Milk dehydration	426 471+	Pivoted knife blade	30 159
Wood making machine	144 14	Mineral oil distillation	196 128	Project-retract fountain	
Wound to form storage package	242 159+	Mobile orchard type	239 77+	pen mechanisms	401 109+
X-art collection	493 954*	Nozzles	239 589+	Railway mail projectors	258 7
Spoolers	242 480.7	Flow regulating or modifying	239 533.1+	Regrinding reciprocating disk	
Spool	30 324+	Powder	239	valve	137 243.2+
Agitating or beating	366 343	Sandblast	451 91+	Rotary disk valve	251 180+
Cutlery combined		Shot blast	72 53	Rotary plug valve	251 181+
Forks	30 150	Shower cage	4 601+	Seal for a joint or juncture	
Knives	30 149	Steam iron combined	38 77.5	Accommodates oscillatory	277 508+
Knives and forks	30 147	Spreader and Spreading		motion	277 508+
Design	D07 653+	Animal training leg	54 72	Bias for lip seal	277 553+
Fluid conductor combined	30 141	Coating material combined	401	Face or mechanical seal	277 379+
Making		Cultivator beam	172 645+	Gland member for a packing box	277 522+
Blanks and processes	76 105	Fabric		Piston ring	277 467+
Dies	72 470+	Bed bottom reinforcers	5 228	Radial bias for segmented ring	277 545
Measuring	73 426+	Buttonhole sewing machine	112 74	Shears with holder	30 135
Design	D10 46.2	Frame for sheets	38 102+	Shears with intermediate pivot	30 261+
Pierced bowls	D07 647	Hammock	5 123	Single impulse store service	186 10+
Sport Equipment (See Type)		Making of wire strand twisting	140 33	Siphon bottle	215 5
Board games	273 259	Sewing machine loop	112 187	Sofa bed assisting	5 56
Chance controlled	273 244+	Sheet ironing	38 143	Spiral spring type bell	116 168
Card or title games	273 298	Web running lengths	26 87+	Spring joint shears	30 234+
Protective hand covering	D29 102+	Biaxial	26 72+	Stop and nonstop valve	
Shoe, making	12 142 P	Hand-held agricultural type	D08 2	combined	251 83
Sports, Teaching	434 247+	Horseshoe hoof	168 6+	Stylographic fountain pen	401 259+
Spot		Ladder propped	182 176	Swinging door	49 386
Bowling	473 102+	Leaf spring tool	81 3.7	Trolley retriever	191 91+
Inserting in bottle cap		Leather	69	Trolley retriever erector	
Metal cap making combined	413 8+	Material (see broadcasting;		release	191 88+
Apparatus	413 56+	scattering)	239 650+	Trolley stands	191 68+
Welding	219 86.1+	Bag filling hopper	53 570	Upending bed counterbalance	5 164.1+
Spotlight	362 257+	Charge transported to, from, or		Valve parts	251 337
Bulb	313	within furnace	414 193	Yieldable pitmans	74 582
Flashlight hand	362 157+	Discharging	414 209+	Applier and remover	29 225
Photographic design	D26 61+	Plural successive driven		Engine valve	29 215+
Supports	362 382+	devices	414 174+	Bed and chair	
Surgical or dental	362 804*	Furnace fuel feeder	110 111+	Bed	5
Spotter		Glass tube reshaping	65 283	Chair back supports	297 285+
Bowling	473 87+	Hand rake with	56 400.05+	Chair bottoms and backs	297 452.16+
Spotting		Insecticide composition having	424	Mattress	5 716+
Apparel trimming, e.g chenille	223 45	Peach stoner tray	99 547	Pillow having	5 636
Board	68 240	Plastic film molding device	425 461	Buffer and check	
Spout		Plastic film molding method	264 212+	Bed bottoms with	5 253
Antidrip	222 571	Sifting feeding	209 254	Closure checks	16 85+
Bucket		Mobile orchard type	239 77+	Liquid and combined concentric	16 52+
Sap	47 51+	Nail point locking	411 359	Liquid and combined side	16 59+
Turpentine and rubber	47 11	Piston ring	29 222+	Ordnance mounts	89 44.01+
Dispensing	222 566+	Road material distributing	404 101	Pneumatic and spring	16 66+
Molten metal	222 591+	Slit opening and filling	29 270+	Railway car end	213 221+
Food or beverage dispenser with	D07 312+	Store service	186 13	Railway draft appliances	213 7+
Track sander cutoff	291 31	Tire		Textile weaving picker	139 167+
Water distributing	137 561 R+	Casing spreaders	254 50.1+	Vehicle bumper	293 102+
Sprag	188 6	Holder	81 15.3	Vehicle fender	293 25+
Spray		Rim with	152 400+	Vehicle seat	297 216.1+
Coolers for liquids and gases	261	Wheel assembling	157	Vehicle springs with	267 195+
Gun	D23 213+	Spring	267	Vertically swinging shovel	414 720
Tubes		Actuated or controlled		Button clamp and fastener	
For spray coolers	261 115+	Bottle tube type valve	215 315	Bottle and jar closures	215 287+
Sprayer and Spraying	239	Car platform trapdoors	105 434	Card exhibitor clip	40 658+
Animal husbandry		Check valve	137 511+	Closure fastener bolts	292 2+
Antivermin treatment	119 665+	Clothes wringer pressure		Closure fasteners	292
Restraining device	119 775	mechanisms	68 256+	Closure knob attaching	292 353
Boiler feed heater	122 436	Cooker with pressure means	99 351	Closure seals	292 322
To steam space	122 438	Counterbalanced pitmans	74 592	Folding paired table leg	108 131+
Cement	366 10+	Cutting tool joints	30 268+	Folding stand leg	248 188.6
Process	366 3+	Dispenser agitator and biasing		Hook tag fasteners	40 667
Chute combined	193 11	means	222 230	Mop holder	15 154
Coating machine	118 300+	Dispenser discharge assistant		Paper	24 67.3+
Coating process	427 421.1+	or casing	222 336+	Pivoted bottle closure	215 244+
Concentrating evaporator		Dispenser outlet element	222 511+	Pivoted clasp	24 489+
Apparatus	159 3+	Dispenser resilient wall		Pivoted snap hook	24 599.4+
Process	159 48.1	deflector	222 214	Rack series spring grip type	211 120
Design, spray gun	D23 213+	Dispenser trap chamber cutoff	222 449	Railway track	238 349
Distillation		Fence wire stretcher	256 39	Railway traction cable	104 209
Apparatus	202 236	Gong striker	116 164	Retainer	402 19+
Mineral oil process	208 359	Guns and projectors	124 16+	Saw teeth latches	83 840+
Process	203 90	Holder for detachable sliding		Separable button	24 106+
Fuel dispersed in furnace	431 159	blade	30 336	Sliding snap hook	24 600.5+
Gas and liquid contact device	261 115+	Interlocked blade and holder	30 338	Stopper for breakable bottle	
Porous mass	261 98	Invalid bed electrically	5 616	necks	215 54+
Refrigeration combined	62 304+	Invalid bed hydraulically	5 614	Tool handle hinged with detent	403 84+
Automatic	62 171	Locking latch bolts	70 144+	Umbrella runner	135 40+
Refrigeration combined process	62 121	Lubricator with fluid pressure		Vehicle rein holders	280 184+
Rotating impeller	261 89+	follower	184 41+	Vehicle whip sockets	280 172
Rotating impeller hollow shaft	261 88	Lubricator with follower	184 45.1+	Coil	267 166+
Wet baffle	261 111	Mechanical gun centrifugal type	124 7+	Animal draft pole supports	278 89

Class Subclass		Class Subclass		Class Subclass	
Bed bottoms	5 186.1+	Horseshoe	168 8	Machinery suspension	248 637+
Bells	116 168	Piano pedal	84 227	Pin and open link or draft coupling	213 200+
Bobbin winding drive connection	242 484.6+	Telegraph keys	178 107	Pipe or cable	248 560+
Bolt to nut lock, lateral key	411 318	Weather strips	49 480.1+	Sash balances	16 197+
Bolt to nut lock, thread lock	411 262	Jacks	379	Telescoping tube suspended	248 610+
Bolt to nut lock, thread lock and distorted nut	411 289	Joints couplings and chucks		Thill	278 81+
Bolt to nut lock, to grip thread	411 251+	Flexible shaft	464 51	Vehicle motor	248 560+
Chair	297 300.5+	Pipe coupling detent	285 305+	Vehicle pole	278 88+
Cushion tires	152 246+	Railway draft	213 200+	Vertically adjustable suspended	248 610
Flat	267 156	Railway draft appliances cushioned	213 7+	Vibration dampening	248 562+
Hinges multiple	16 382+	Seal for a joint or juncture	277	Switch, sudden release type	200 400
Hinges pintle	16 305	Self grasping socket type chuck	278 22+	Testing	73 161
Locomotive	105 67+	Split resilient socket	279 43.1+	Train vestibule face plate expanders	105 14
Loop forming	140 103	Spring detent socket	279 79+	Valve	
Making	72 138+	Spring saw socket	279 46.1+	Head	251 356
Pivoted snap hooks	24 599.7+	Swivel pipe in socket	285 276+	Parts	251 337
Railway car planks and transoms	105 208+	Thill	278 52+	Vehicle parts	267
Railway car spring bolster	105 197.05+	Trace and whiffletree	278 102+	Absorber combined	267 64.15+
Reeling motor	242 371+	Leaf spring spreaders	81 3.7	Article holders for bicycles	224 462
Spring wheels	152 1+	Machine or tool		Axle skein mounting	301 136
Torsional closers	16 75+	Bobbin winding drive connection	242 484.6+	Axle spindle mountings	301 133
Coil spring loop forming	140 103	Brake operators	188 166+	Bicycle front fork etc	280 275+
Coil spring untangling apparatus	198 953+	Clutch operators	192 89.1+	Bicycle rear fork etc	280 283+
Compressor	254 10.5	Embroidering machine fabric shifting	112 92	Body frame suspension	280 788
Hand tool	81 486	Expansive chamber motors		Bumper combined	293 116
Couplings	403 229	Insect catcher	43 135	Design	D12 159
Shaft	464 51+	Internal resistance brakes	188 268	Fluid	267 64.11+
Cushion shoe heels	36 38	Music leaf turners	84 486+	Letdown tops	296 107.01+
Cushion shoe sole	36 28	Pliers crossed handle	81 417	Metallic spring cushion tires	152 247+
Insole	36 44	Sawmill set works	83 724	Pole supports	278 88+
Ventilated	36 3 B	Screw driver	81 451+	Railway axle box mounting	105 218.1+
Cushioned railway draft devices	213 7+	Scroll saw spring return	83 752	Railway car body	105 453
Devices	267	Typewriter bar	400 436+	Railway car truck platform	105 212+
Bag closures	383 43	Typewriter carriage	400 336+	Railway spring bolster	105 197.05+
Casters	16 44	Woodworking feed rolls	144 247	Railway spring planks	105 208
Closers	16 71+	Wrenches	81 52+	Rocking running gear	280 124.11+
Coat collars	2 99	Making		Roller skate trucks	280 11.28
Compressible rheostat	338 99+	Applying or removing	29 225+	Runner type	280 25
Deformable discharge assistants	222 407	Conical wire	72 138+	Running gear	280 124.1+
Ejector for conveyor trap dispenser	222 225	Forging dies	72 343+	Skates with foot supports	280 11.14
Extensible	351 126	Loop forming	140 103	Spring wheels	152 1+
Eyeglass bridge	351 65	Metal bending	72 135+	Steam traction engine mounting	180 40
Flexible	351 68	Processes	29 896.9+	Stub axle suspensions	280124.125+
Garment supporter belt etc	2 339	Processes spring head clip	29 896.8	Swinging and rocking axle	280124.114+
Garment supporters	2 324	Spring set saw making	76 71	Swinging axle	280 137.5+
Handlers with spring devices	414 913*	Wire spring setting	140 89	Resilient connections	280124.117+
Harrow teeth	172 705+	Motor or drive		Thill supports	278 81+
Hoof spreading horseshoe	168 8	Bobbin winding drive connection	242 484.6+	Tires spring and pneumatic	152 156
Material pressure actuated dispenser outlet	222 491+	Breech loading gun	42 5	Traction increasing lugs for wheels	301 51
Mop holders	15 154	Clock winding	368 147	Trailer draft device	280 483+
Music instrument spring shank hammer	84 324	Composite type motor	185 9+	Two wheel vehicle	280 65+
Pivoted tooth bar harrows	172 634+	Dental pluggers	433 157	Velocipede seat	297 195.1+
Plural bridges	351 67	Drilling machine	408 125	Wheeled vehicle	33 418
Rail seats	238 284	Expansive chamber motor rotary		Watch etc hairsprings	368 175
Railway car actuated switches	246 270 R+	Fishing reel	242 249	Sprinkler	D23 214+
Railway guard rails	238 18	Flying propeller toys	446 39+	Sprinkling	239
Railway rail splice bars	238 259	Hairsprings	368 175+	Carts	239 146+
Railway switches automatic	246 314	Hammer	173 202+	Embedded	239 201+
Railway tie plates	238 302	Handle bars	74 551.2	Flow regulator or modifier	239 533.1+
Railway track ties	238 48	Locomotive	105 67+	Head fire extinguishing	169 37+
Resilient wall dispensers	222 206+	Motor	185 37+	Rack combined	211 127.1
Sandals	36 7.8	Pump	417 328	Showcase combined	312 115
Sash balances	16 197+	Railway motor support	105 139	Textile treating	68 205 R+
Sheet retainer with releasable keeper	402 60+	Reels spring drum type	242 371+	Sprocket	474 152+
Shoe heel	36 38	Spinning reel	242 226	Chain	474 202+
Shoe heel making	12 31.6	Spring mounting for	185 45+	Making	29 893
Shoe soles with spring heel	36 27	Steam traction engine mount	180 40	Chain	59 5+
Slitted diaphragm dispenser	222 490	Store service	186 10+	Railway cable	104 236
Spring back paper binders	24 67.3	Strap actuator with return	74 136+	Chain cable	104 237
Spring heel horseshoe	168 15	Tops	446 260	Spud Anchor	37 345+
Truss pads	128 119.1	Toy vehicle	446 464	Spur	
Watch spring packages	206 70	Truck ladder hoisting	182 63.1+	Attached shoe protectors	36 74
Watchcase	368 311+	Typewriter carriage	400 336+	Gearing (see gearing spur)	
Wheel harrows	172 613+	Nut remover	29 270+	Horseshoe spur fastening	168 21
Wheel substitute harrows	172 389+	Panels for chairs and seats	267 80+	Riding	54 83.1+
Wooden crates cushioned	217 54+	Railway		Design	D30 157
Exercising devices	482 121+	Rail seats	238 284	Stirrups combined with	54 49.5
Springboards	482 30+	Tire cushions	295 14	Tag fasteners	40 669+
Fire escape	182 190+	Setting	140 89	Tube	
Fluid	267 113+	Spring buckle	200 408	Boiler	122
Vehicle	267 64.11+	Support	267	Heat exchangers	165 42
Guns and projectors	124 16+	Casters	16 44	Mineral oil distillation	196 129
Hairsprings	368 175	Centrifugal speed responsive device	73 546+	Wheel traction increasing	301 43+
Hammer drive	173 202+	Lamp shade on bulb	362 444	Sput	285 201+
Heat treating metal	148 580	Lamp shade on chimney	362 445	Sputtering (See Cathode Sputtering)	
Hinges	16 277+	Lamp shade or bowl support	362 440	Sputum Cup	4 259
Bracelets	63 8	Machine foot	248 615+	Spyglasses	359 399+
		Machinery base	248 560+	Square	33 474+
		Machinery bracket	248 674+	Combined	

Class Subclass		Class Subclass		Class Subclass	
Fixed straightedge.....	33 429	to articles	414 904*	Purse with holder.....	150 106
Hypotenuse	33 420	With operational sequence		Racks for hand stamps.....	211 39
Nonpivoted straightedge sliding.....	33 427	control for stack pattern		Registers.....	235 101
Pivoted straightedge sliding.....	33 425	forming	414 902*	Rubber.....	101 368+
Leveling feature	33 451	Stacking for dispensing	221 175+	Endless band	101 111
Squeegee (See Wiper and Wiping)		Stacking Apparatus	414 788.1+	Scarifiers	81 9.21
Cleaning device	15 245	Stadium (See Theatre)	52 6	Time	346 80+
Brush combined	15 117	Construction.....	D25 12	Time with automatic recording	
Design	D32 41	Staff		mechanism	346 80+
Material supply combined	401 261+	Flag.....	116 173+	Vending machine for	D20 2
Wiper combined	15 121	Horological.....	368 324	Stamping and Stamped Devices	
Squeezer		Planting	111 97	Bed bottom risers	5 206
Animal traps.....	43 85+	Railway signal system	246 19	Cigar.....	131 106
Butter worker	99 452+	Support	248 511+	Cigarette package	131 283
Citrus fruit	99 495+	Tobacco ash receiver support	131 259	Envelope	
Cotton gin.....	19 49	Stage (See Theater)	52 6+	Printing and stamping	493 320+
Expressing.....	100 104+	Appliances	472 75+	Sealing and stamping.....	156
Paste tube	222 95+	Scenery shifting.....	472 77+	Hand	D18 14+
Raisin seeders	99 547+	Illusions	472 57+	Metal working.....	29 DIG. 37
Textile fluid treating apparatus	68 94+	Lighting	315 312+	Mill	241 270+
Squeezing		Motion picture set.....	352 88+	Plug tobacco	131 368
Liquids from solids.....	100 35+	Set design.....	D25 58+	Sheet metal chain.....	59 15
Apparatus for, with drain.....	100 104+	Stagger Tuned Amplifiers	330 154	Stanchions	
Squid		Stained		Sure stop	119 904*
Processing for food.....	452 12+	Glass mosaics.....	428 38+	Stand (See Holder; Support)	248 127
Squirt		Stainless Steel		Apparel apparatus.....	223 120
Locomotive cab	239 174	Austenitic.....	420 43	Bag holder	248 97+
Preventer		Heat treated stock	148 325+	Beehive.....	449 26
Type casting integral line	199 53	Heat treating.....	148 605+	Bicycle	
Type casting separate type.....	199 90	Pyrometallurgy	75 507+	Kick stands	280 293+
Stabilizing (See Preserving)		Stains Paint		Locked.....	70 235
Aircraft		Dyeing only.....	8 402	Racks	211 17+
Propellers	244 92	Stair (See Ladder)	52 182+	Book and music	248 441.1+
Weights	244 93+	Amusement.....	472 48	Bracket	
Colloids, agents for.....	516	Climbing exerciser	482 52+	Alternative	248 126
Gyroscope.....	74 5.22	Design	D25 62+	Combined	248 121+
Mineral oil.....	208 351	Escalators	198 326+	Cabinet structures.....	312
Missiles, manned	244 75.1+	Lighting	362 146	Calendar	40 120
Missiles, unmanned	244 3.1+	Mobile for boarding aircraft	D34 30	Christmas tree.....	248 519+
Projectiles.....	244 3.1+	Pads and covers		Copyholder	248 441.1+
Ships	114 121+	Conforming to tread nose	52 179	Dental equipment	433 25+
Space ships	244 158.1+	Rug fasteners.....	16 10+	Dish	248 128+
Synthetic resin or natural rubber		Slatted.....	52 180	Flatiron	248 117.2+
(see class 523, 524)		Scribers for stair curves.....	33 29	Accessory combined	38 142
Latex.....	528 935*	Static mold for making	249 14	Hat	211 33
Stable		Tread	D25 69	Horseshoeing	168 44
Animal.....	119 436+	Stake		Hose	248 80+
Stalls.....	119 516+	Animal hitching	119 786+	Ink (see inkwell).....	248 127+
Stalls, design	D30 108+	Posts, design.....	D30 154	Lamp stove	126 259 R+
Stanchions.....	119 738+	Guided cultivator	172 24	Light	362 410+
Stack and Stacker (See Packing)		Land vehicle body.....	296 43	Design	D26 142+
Beds stacked.....	5 8	Railway freight car	105 380+	Lock type article supports.....	70 62
Bottle and jar	215 10	Tent.....	135 118	Machinery stands	248 676
Calender rolls.....	100 162 R	Staking		Bracket convertible	248 645
Dispensing	221	Hide	69 34	Mirror type	
Cabinet.....	312 42+	Watches and clocks	29 231+	Handle.....	248 471
Rack	211 59.2+	Stalk and Stalk Handling		Plural mirror	359 871+
Electrical insulator	174 137 R+	Choppers	56 500+	Music.....	248 441.1+
Forming apparatus	414 788.1+	Fiber liberating	19 10	Nozzle	248 80+
Coal storage type	414 133	Harvester		Nursing bottle.....	248 105+
Furnace and flue		Cornstalk type	56 51+	Paste tube	248 109
Draft regulator	110 159+	Woven	139 424	Photography	
Feed water heater	122 439+	Stalls		Retouching	396 656+
Marine.....	114 187	Animal.....	119 516+	Picture	248 469+
Masonry or concrete	52 245	Adjustable size	119 522	Plant.....	47 39+
Smoke stacks	110 184	Floor	119 525+	Plural leg	248 163.1+
Spark arrester	110 121	Matt covering	119 526	Power	74 16
Hay stack shaping	414 132	Waste collection	119 527	Rack type.....	248 127+
Horizontally attached receptacle		Partition.....	119 523	Railway switch.....	246 393+
set	220 23.2+	Portable.....	119 519	Interlocking.....	246 144+
Nuclear fuel components.....	376 433	Thermolytic distillation	202 97+	Signal	246 476
Pneumatic.....	406	Stamp (See Branding)		Vehicle actuating	246 278+
Receptacles.....	206 501+	Affixers	156	Shoe.....	211 37
Special package, stacked item.....	206 821*	Alteration preventing or detecting	283 71	Shoe blacking	15 265+
Rotary rolling contact printer	101 232+	Brand burning	219 228	Staff type	248 519+
Sheet		Brand burning	101 27	Stand boilers.....	122 13.01+
Cutting combined.....	83 86+	Design	D19 9+	Boiler receiving from stove	126 363.1+
Delivering	271 278+	Dispensers	83 242+	Stand pipe (see tank).....	137 593
Electrophotographic copier	399 404	Coin controlled	194	Spur central	122 307+
Feeding	271 8.1+	Hand stamp collocater	33 614+	Superheater spur tube	122 475
Material folder.....	83 83+	Handles	101 405+	Water tube	122 321+
Oscillating blade.....	271 264+	Holder, household type.....	D19 67	Water tube coil	122 244+
Stacked article support	211 49.1+	Imprinting or embossing stamp	D18 15+	Water tube flue	122 184+
Adjusts for different sizes.....	414 900*	Key, workmans time recorder	346 53	Water tube loop	122 281
Card or sheet	211 50+	Mail cancelling.....	101 371	Stove gas burner	126 40
With impaling means, follower		Mill	241 270+	Stove shelf	126 333
With impaling means, terraced		Pad.....	118 264+	Strand spool holders	242 139
With article counter	414 901*	Plural parallel blade cutlery.....	30 305	Telephone	379 454+
With impaling means	211 59.1	Pocket receptacle	206 39+	Tire	211 24
With load-supporting fluid		With tearing edge.....	225 39+	Tray or receptacle	211 133.1
cushion	414 903*	Postage roll dispenser	D19 67+	Wire type	211 133.2
With means to apply adhesive		Printed labels	283 81	Trolley.....	191 66+

Stand	Class	Subclass	Class	Subclass	Class	Subclass		
Type case accessory	276	44	circuit	180	270	Steam		
Watch and clock	248	116	Phonograph	369	243	Attachments to ashpans	110	171
Woodworking	269	289 R+	Pump regulator	417	1+	Bath	D24	204+
Modified for saw blade	269	83	Retort burner	431	218	Boiler (see boiler)		
Work (see holders, work)	269		Tool driving or impacting device			Design	D23	318+
Dental equipment	433	49+	Handle relative movement	173	18	Nuclear reactor type	376	370
Remover	D08	48	Tool relative movement	173	13+	Cleaning of particulate bed filter	210	274+
X ray type	378	193	Trap door	105	435	Combustion		
Standard			Valve in expansible chamber motor	91	286	Engines utilizing	123	25 P
Batteries	429	125	Stateroom	114	189	Fluid fuel burners utilizing	431	163
Bolsters combined	280	143+	Static Electricity	307	149	Fluid fuel burners utilizing	431	210+
Dental engine	433	103+	Anti inductive transmission line	174	32	Solid fuel burners utilizing	110	
Feed bag support	119	69	Charges discharging	361	212	Condensers	165	110
Piano hammer action	84	242	Circuit maintenance signaling	340	292	Distilling with	203	
Plow	172	681+	Circuit maintenance telegraphy	178	69 R	Dome		
Beam and tool standard connection	403		Collecting with condenser	320	166	Boilers having	122	
Shovel connection	403		Corona prevention	174	127	Steam separators	122	492
Scaffold	248	127+	Discharging	361	212	Structure	122	508
Sifter support	209	415	Elimination	361	212	Superheater	122	486
Support	248	158+	Generators	310	309+	Engine and motor (see motor)		
Stannate Ceramic Compositions	501	134+	Grounding	174	6+	Design	D15	2
Stapilizing	19		Ignition circuits	315	85	Expansible chamber type	91	
Artificial fibers	83	913*	Lamp circuits	315	85	Locomotive structure combined	105	37+
Spinning combined	57	2	Lightning arrestors	361	117+	Motor vehicle		
Stapling & Staple Setting			Lightning rods	174	2+	Steam tractive type	180	36+
Applying apparatus	227		Metallic bleed off	428	922*	Traction motor	180	303+
Broom making machines	300	13	Radio	455	296+	Recording indicator	346	3+
Handles on shopping bags	493	926*	Snuelch	455	222+	Safety valves	137	455+
Labelling fabrics	156	DIG. 22	Shielded cable	174	102 R+	Second type combined	60	698+
Reels	242	370+	System safety	361	1+	Turbines	415	
Sheet material associating combined	270	52.18	Telephone circuits anti inductive	379	414+	Vehicle heating combined	237	12.1+
Folding combined	270	37+	Static Information Storage & Retrieval	365		Fumigators	43	130
Staple	411	457+	Floating gate memory storage	365	185.01+	Gas & liquid contact apparatus	261	DIG. 76
Insulated	174	159	Static Structure Eg Buildings	52		Degasifying liquid apparatus	96	155+
Making	59	71+	Station			Degasifying liquid process	95	241+
Making and setting	227	82+	Match packaging fill and cover	53	236	Gas separation	96	374+
Puller	254	28	Power driven conveyor work	198	339.1+	Generator and boiler	122	
Stapler design	D08	49+	Railway	104	27+	Autothermic kiln combined	202	94
Surgical stapler	227	175.1	Receptacle fill and close separate	53	276+	Cookstove combined	126	5
Tobacco plug tagging combined	131	113+	Receptacle fill and close single	53	268+	Hot air furnace combined	126	101
Star	428	11	Signal or indicator			Incinerators having	110	234
Illuminated	362	121	Automatic to cab from highway or	246	174+	Still and feed water heater	202	167
Ornamental lighting	362	807*	Electric station selective systems	340	825.38+	Still and stand boiler	202	166
Starch and Derivatives	536	102+	Passengers	246	209	Thermolytic retort combined	202	106
Coating or plastic composition	106	206.1+	Train dispatching	246	14+	Heating by		
Alkali metal silicate	106	617	Train dispatching emergency	246	13	Boilers	122	31.1+
Casein	106	145.1+	Vehicle station indicators	116	29	Cooking ovens	126	20
Glue or gelatine	106	145.1+	Train dispatching emergency	246	13	Direct application to food	126	369
Inks	106	31.39+	Stationery	D19		Driers	34	
Mold	106	38.51	Container	206	215	Feed water	122	412+
Mold coating	106	38.23	Design	D19	1	Flatirons	38	85
Plaster of paris	106	779	Envelope	D19	3+	Heaters condensers	261	DIG. 10
Polishes	106	5	Stator Winding of A C Machine	310	195+	Heating systems	237	
Portland cement	106	730	Statue	428	15	Open pan concentrators	159	36+
Prolamine	106	145.1+	Design	D11	143+	Open top liquid heating vessel	126	377.1+
Protein miscellaneous	106	145.1+	Fauna	428	16+	Power plant and water heater	60	642+
Confection molding apparatus	425		Stave			Power plant and water heater	60	669
Esters	536	107+	Barrel	217	88	Tables	126	33
Manufacture	127		Making shaping jointing	147		Textile ironers	38	
Nitrogen containing	536	45+	Stay			Track sanders	291	21
Starter and Starting (See Device Associated Therewith)			Apparel	2	255+	Injector		
Arc	315		Glove	2	166	Boiler cleaner	122	379+
Arc lamp	314		Shoe	36	57	Furnace draft regulator	110	147+
Mercury vapor lamp	313	170+	Shoe closure	36	53	Lubricators	184	55.1+
Burner			Trousers	2	231+	Iron	38	77.1+
Buttonhole sewing machine	112	67	Wire	140	91	Pumps	417	151+
Door	49	276+	Boiler			Liquid purification	210	198.1+
Engine or motor			Braces combined	122	493	Rollers	180	20
Electric motor	388	842+	Crown sheet combined	122	496	Sterilizing methods	422	26+
Electric motor	318	430+	Bolts for steam boilers	411	379	Superheater	122	479.1+
Electric motor	318	136+	Box (wooden)	217	69+	Traps	137	171+
Electric motor type starter	290		Paperboard box	229	198.1	Treatment	122	459+
Expansible chamber motor type starter	91	53	Pivoted edge	24	267	Power plant exhaust	60	685+
Internal combustion engine	123	179.1+	Screw impeller	416	194	Combustion device feed in	60	683
Starter gearing	74	6+	Stay bolts	411	379	Serially connected motors	60	679+
Starter-generator drive	74	810.2	Vehicle body irons	296	42	Power plant superheating	60	662
With planetary gearing	475	13	Curtain backstays	296	144	Turbine (see turbine)		
Strap starter	74	139+	Wire	140	90+	Vacuum pump design	D15	7+
Fan regulator	416	170 R	Woodworking			Valve design	D23	233+
Fluid flow	4	368+	Stay logs	144	177+	Whistles	116	137 R+
Gate			Stay logs veneer lathes	144	214	Steamer Bag or Trunk	D03	272
Race track	119	423+	Staying			Steaming and Steamer		
Hydrocarbon synthesis start-up procedure	585	951*	Box making	493	89	Apparel	223	51
Loaded land vehicle	278	2	Marine vessels	114	83	Dress coat or skirt	223	70
Vehicle operator actuated	280	151	Wire fabric	140	10+	Stockings	223	76
Motor vehicle, safty belt responsive to starter			Portable machines	140	18+	Trousers or sleeve	223	73
			Steady Rests			Food	426	506+
			Aboding	451	406+	Boilers	99	410+
			Turning	82	165	Infusers	99	293+
						Miscellaneous food apparatus	126	369+
						Sterilizing apparatus	99	467+
						Grain	426	507+

Class Subclass		Class Subclass		Class Subclass	
Apparatus.....	99 467+	Using terrestrial guide.....	180 401	Lighting vehicle step.....	362 481
Hair, beauty parlor equipment.....	D28 12+	Walking attendant.....	180 19.1+	Rail.....	238 136
Solid material comminutors.....	241 1	Plows and cultivators		Sleeping car.....	105 326
Apparatus.....	241 38+	Automatic.....	172 2+	Wall attached.....	182 90+
Cereal processes.....	241 12	By walking attendant.....	172 669+	Window scaffold combined.....	182 54
Miscellaneous processes.....	241 15+	Lister furrow guided.....	172 26	Step-By-step Propulsion	280 1.181
Whole seed processes.....	241 8	Tree or stake guided.....	172 24	Stepladder	
Sterilizing and preserving.....	422 27+	Remote control		Convertible to chair or seat.....	182 33+
Wood treatment.....	118 50	By radio.....	340 825.72+	Propped.....	182 165+
Textile apparatus.....	68 5 R+	Pulse responsive.....	340 825.69	Pivoted platform.....	182 124+
Implements.....	68 222	Electric steering motor.....	318	Stepped Building	52 182+
Textile processes.....	8 149.3	Of drill bit in well bore.....	340 853.6	Stepper	
Tobacco.....	131 300+	Torpedo.....	114 21.3	Land vehicle.....	305 1+
Wood bending.....	144 271	Self steering wheeled toys.....	446 441	Motor vehicle.....	180 8.1+
Stearic Acid	554 1+	Sled.....	280 16	Runner supported, shuffling.....	180 187
Steel	420 8+	Flexible runner.....	280 21.1+	Simulating vehicle.....	280 1.181+
Austenitic.....	420 8+	Wheel.....	74 552+	Stereocomparagraphs	
Butchers.....	76 84	Cover or grip.....	74 558	(See Photogrammetry)	
Composite casting.....	164 91+	Lock.....	70 211	Stereograph (See Stereoscapy)	359 462
Heat treatment.....	148 579+	Position indicator.....	116 31	Stereopticon	84 24+
Making.....	266 200+	Windmill.....	416 9	Stereoscope	D16 222
Pyrometallurgy.....	75 507+	Steins	215 235+	Stereoscopic photography.....	396 324+
Stainless.....	420 8+	Stem		Viewer.....	359 466+
Heat treated stock.....	148 325+	Flower		Stereoscapy	
Heat treating.....	148 605+	False stem.....	47 55	Anaglyphs.....	359 462+
Wool making.....	29 4.51+	Key.....	70 402+	Camera still.....	396 324+
Steeping Starch	127 68	Extensible.....	70 397	Motion pictures.....	352 57+
Steple	52 82	Foldable.....	70 393	Projector.....	353 7
Design.....	D25 35+	Plural.....	70 401	Stereograph.....	359 462+
Steering		Medicators.....	604 309	Television.....	348 42+
Aircraft.....	244 50	Smoking pipe.....	131 227+	Vectograph t m.....	359 489
Controls.....	244 75.1+	Absorber type.....	131 204	Viewers.....	359 466+
Propulsion.....	244 51+	Cap and tool.....	152 431	X ray.....	378 41
Automatically controlled		Cleaners.....	131 245	Stereotaxic Devices	606 130
Aeronautic.....	244 175+	Valve		Stereotype	
Drop bombs.....	102 384	Coaxial.....	137 637.2	Casting.....	164 2+
Ship.....	114 144 R+	Detachable actuator.....	251 128	Finishing.....	29 21
Torpedo.....	114 23+	Inflation type.....	137 223+	Mold and trimmer.....	164 140+
By articulated movement.....	280 442+	Stop combined.....	251 284+	Planing.....	409 309
Semitrailer.....	280 426	Tire combined.....	152 429+	Plates.....	101 368+
By driving.....	475 18+	Watch		Sterile Body Treatment Tool Package 206	210
With motor control.....	477 1	Fasteners.....	368 307	Sterilizer	D24 217+
Collapsible steering post.....	280 777	Winding.....	368 216	Telephone.....	379 452
Control lever and linkage systems		Winding and setting.....	368 190+	Sterilizing (See Heat)	422
Control and steering combined.....	74 484 R+	Stemming		Apparatus for treating air.....	422 120+
Handle bars.....	74 551.1+	Fruit.....	99 637+	Electrolytic.....	205 701+
Handwheel.....	74 552+	Tobacco.....	131 313+	Foods.....	426 521+
Steering posts.....	74 492+	Stemware Container	206 426	Apparatus.....	99 467+
Electric.....	318 489	Stencil and Stenciling	33 563+	Gas or solid by direct contact with	
Five or more wheels.....	180 23+	Abbrading resist.....	451 442+	electrical or electromagnetic	
Illuminator control combined.....	362 37+	Utilization.....	451 29+	radiation.....	422 22+
Lights for steering switches.....	362 36	Addressing machine.....	101 48+	Apparatus.....	204 660+
Land vehicle		Blank making by coating.....	427 143	Electrical.....	204 660+
Hand.....	280 47.11	Brush.....	D04 135	Gas separator combined.....	96 223+
Occupant propelled with		Design.....	D19 40	Heating gathered soil.....	47 1.42
steering.....	280 200+	Lettering.....	D19 40	Liquid by electrostatic.....	204 554
Occupant steered.....	280 80.1+	Nonuniform coating by stenciling.....	427 256+	Ray energy.....	250 455.11
Lock and switch combined.....	70 252	Plate.....	101 112	Fluent material.....	250 428+
Marine		Printing devices.....	101 114+	Xray.....	378 64+
Centerboards.....	114 128	Photo process making.....	430 308	Tobacco.....	131 290
Chain propeller.....	440 95	Toilet or make up.....	132 319	Electrical or radiant energy.....	131 299
Crank paddle.....	440 26	X-art collection.....	425 811*	Water.....	210
Jet.....	440 38	X-art collection.....	493 953*	Steroids	552 502+
Oscillating propeller.....	440 13	Stenographic		Glucosidal.....	536 5+
Paddle wheel.....	440 90	Copyholder (see copyholder)		Heterocyclic nucleus ctg.....	540 2+
Portable propeller.....	440 53	Stenograph.....	D18 20	Sterols	552 540+
Reciprocating propeller.....	440 13	Telegraphic system.....	178 21	Stethoscope	
Screw propeller.....	440 53	Typewriter.....	400 91+	Acoustic type.....	181 126+
Steering mechanism.....	114 144 R+	Stenter (See Tenter)		Design.....	D24 134
Torpedoes.....	114 23+	Step		Electric type.....	381 67
Towing.....	114 242+	Brake vehicle step operator.....	188 108	Stibonium	556 64+
Motor actuated.....	244 175+	Cabinet with.....	312 235.1	Stick	
Motor vehicle.....	180 400+	Climbing vehicles		Candy design.....	D01 127
By differential traction.....	180 6.2	Wheeled.....	280 29	Candy stick per se.....	426 294
Endless track.....	180 6.7	Escalator.....	198 326+	Cane or umbrella type.....	135 65+
Caterpillar type.....	180 9.44+	Ladder.....	182 228.1	Design.....	D03 5+
Five or more wheels.....	180 22+	Detachable.....	182 120+	Confections.....	426 134+
Fluid power.....	180 417	Bracket type.....	182 228.3	Manufacturing.....	425 110+
Four wheels driven, articulated		Sleeve type.....	182 228.4	Edible stick or strip form.....	D01
frame.....	180 235	Land vehicle.....	280 163+	Handler.....	294 87.11
Gear.....	180 400+	Design.....	D12 203	Inedible holder for food.....	D01 105
Shaft.....	180 78	Endgate convertible.....	296 62	Insertor.....	227
Steerable, driven wheel.....	180 252	Mast.....	114 93	Laminating.....	156
Five or more wheels.....	180 23	Passenger recorder.....	346 40	Laundry.....	294 23.5
Four wheels driven, all		Rail detachable.....	238 140	Loom picker.....	139 157
steerable.....	180 234+	Railway car.....	105 443+	Match.....	44 511+
Motor-carrying attachment.....	180 12+	Gates combined.....	105 437+	Meat supporting.....	452 186
Steam tractive vehicle.....	180 37+	Trap door combined.....	105 430+	Mountain climbing.....	482 51+
Three wheels.....	180 211+	Rotary crane.....	212 253	Skaters.....	280 826
Two wheels.....	180 223+	Step plate for vehicle.....	D12 203	Skein or hank supporting for	
Two wheels, rotary element		Stilt.....	482 76	washing.....	68 147+
driven wheel.....	180 222	Tread (see --; ladder; stair)		Trickler and sprinkler.....	68 206

Class Subclass		Class Subclass		Class Subclass	
Tobacco supporting	294 5.5	Railroad sprinkler stock alarm	239 173	Hinge	16 374+
Typesetting	276 38+	Time controlled feeder	119 51.11	Ladder	182 209+
Stickpin	D11 47	Vehicle body	296 12+	Lever	74 526
Hat pin	D11 207	Magnetic	148 300+	Light	340 907+
Stiffened Fabrics		Material	428	Brake operated switch	200 61.67
Coated or impregnated	442 103	Label and tag indicators	283 81	Pressure operated switch	200 81 R+
Stiffener		Radiation barrier	250 505.1	Wiring system	315 80
Apparel	2 255+	Treated metal	148 400+	Organ	84 85
Collar etc making	223 4	Metal-to-metal laminate	428 615+	Shear	30 271
Making	223 27	Milling machine tailstocks	409 242	Target projectile stop combined	273 404
Shoe counter	36 68	Quotation		Valve	251 284+
Shoe shanks	36 76 R	Changeable exhibitor	40 446+	Watches	368 101+
Shoe toe and heel type machines	12 61 R+	Electric	340 825.26+	Watches	968 834
Shoe upper metallic seam	36 58	Indicator type	116 200+	Wick	431 301
Railway rail joint		Projector type	353 46+	Wind instrument	84 369+
Base plate	238 213	Telegraph bulletin	178 24	Zipper end	24 436+
Chair base	238 189	Telegraph printing	178 23 R+		
Stills (See Distillation)	202	Telegraph ticker tape	178 34+	Stop Mechanism	
Chemical apparatus combined	422 189+	Railway rolling	105	Fabric and cord	
Mineral oils	196 98+	Toy	446 467	Bobbin cone wind	242 479.9+
Refrigeration system combined	62	Sample and		Bobbin winding	242 472.9+
Stilts	482 75+	Cabinet compartment	312 234	Cloth finishing cutting	26 10 R+
Body attached	623 28+	Showcase compartments	312 118+	Cloth fulling stopping	26 24
Ceramic	432 258+	Tray	206 557+	Convolute winding	242 534+
Design	D21 422	Treatment of paper	162 1+	Cordage winding	242 472.9+
Stippling		Woodworking bit	81 28+	Fabric measuring	33 740+
Metal forging	72 76	Stockbarger Type Crystallization	117 81+	Material engaging	188 65.1+
Processes	427 256+	Stocking (See Hose)	2 239+	Nuclear reaction control	376 207
Roll	492	Bandage type	602 62	Nuclear reaction control	376 227
Stirling Cycle	60 517+	Cap	D02 889	Printing bed and cylinder	101 275+
Refrigeration	62 6	Darning	66 2	Printing rotary press stack	101 232+
Stirrer (See Agitator)	366 343	Design appliances	D03 26	Sewing machine	112 271+
Chain-type	366 607*	Forms	223 75+	Bobbin winding	242 484.8
Dispensing		Putting on or removing	223 112	Buttonhole	112 67
Discharge assistant combined	222 226+	Hose	D02 980+	Embroidering	112 87
Discharge assistant type	222 251+	Knitting	66 178 R+	Sheet associating and folding	270 46+
Jarring or vibrating	222 196+	Design	D02 980+	Textile braiding netting	
Stationary	222 459	Pantyhose	2 409	and lace making	87 18+
Trap chamber type discharge		Pressing or molding	223 60	Textile covering	87 19
assistant	222 216+	Protectors (see protection)	2 61	Textile fiber preparation	19
Drier stationary receptacle	34 179+	Gaiters and leggings	36 2 R	Textile knitting	66 157+
Gas agitation	222 195	Gaiters and leggings design	D02 909+	Textile spinning and twisting	57 78+
Heating etc gas generator fuel	48 85.2	Sewing		Textile twisting by couple	57 61
Heating furnaces with	432 139+	Cup type feeder	112 18	Textile weaving	139 336
Hops	366 343	Supporters	2 300+	Warp activated	139 349
Liquid purification		Design	D02 625+	Weft activated	139 370.1
Centrifugal filter rotary	210 380.1+	Wear sole combined	36 9 R	Thread stretching with stopping	28 242
Loose material filter cleaning	210 269+	Stogies	131 360+	Warp preparing stopping	28 186+
Mineral oil vaporizing process	208 146	Stoker (See Feeder, Fuel)		Machine	
Smoking devices with	131 184.1	Design	D23 396	Article elevator	414 674
Tedder type	56 370+	Furnace	241 600*	Brakes	188
Stirrup		Furnace charger	414 147+	Cable drum control	254 267+
Connection or joint	403 232.1	Locomotive blower type	110 105.5+	Drill feed	408 5
Harness	54 47+	Locomotive coal crushers	241 276	Drying automatic control	34 572
Design	D30 142	Progressive feed through		Elevator control	187 276+
Railway coupling	213 199	combustion chamber	110 267+	Fan regulator	416 170 R
Saddle	54 47+	Stole, Apparel Design	D02 823+	Hoist traversing cable	212 86+
Textile drawing pressure device	19 266	Stoma Receptacle	604 332+	Lathe carriage	82 132+
Stitching (See Sewing)		Stone		Metal working	72 1+
Blind stitch guides	112 140	Artificial	106 600+	Motor vehicle safety	180 271+
Blind stitch methods and seams	112 475.24+	Inorganic settable ingredient	106 638+	Planer tool feed	409 326+
Brushes wirebound and	15 189	Compositions impregnating	106 12	Power driven conveyors	198 832+
Embroidering machines	112 78+	Fences	256 19	Power stop control	192 116.5+
Hemstitching	112 81+	Gatherer	171 63+	Pump regulator	417 1+
Horizontal needle stitch		Grinding processes	451 41+	Punching machine shaft drive	83 58+
forming	112 93+	Jewelry use	D11 89+	Punching machine shaft drive	83 69
Knitting textiles	66	Precious changing color by		Punching machine shaft drive	83 203+
Leather sewing	112 28+	radiation	250 492.1+	Register control	235 132 R
Sewing machine mechanism	112 154+	Printing surfaces	101 453+	Rotary crane	212 276+
Sheet material associating and	270 52.18	Remover	37 303	Telegraph code recorder	178 95
Folding combined	270 37+	Working	125	Tool turret carriage	29 65
Shoe sole		Design	D99 17+	Type casting	199 52+
Hemp sole	112 470.25	In situ	299	Type distributing	199 43
Imitation stitch	12 32	Stoners for Fruits Etc	99 547+	Typewriter carriage	400 298+
Leather sewing	112 28+	Stool	108	Typewriter case shifts	400 277+
Removers	12 39.3	Contoured	297	Typewriter line spacing	400 547+
Stitch separating and indenting	12 32+	Design	D06 349+	Typewriter tabulator	400 294+
Stitched article	36 18+	Folding	108 115+	Unwinding	242 563+
Stapling	227	Kneeling or scrubbing	182 230	Windmill	416 14
Stitch control	112 154+	Milking	297 175+	Wire feeding for working	72 461
Stitch marking	112 470.21	Padded	297 461	Stop Watches	368 101
Textile processes with	28 140+	Piano duet	297 232+	Stopcock Boxes	220 3.2+
Trimmers combined	112 122.1	Planar surface	108	Stopper	
Stock (See Blanks)		Stop		Bath and sink	4 286
Anchors	114 301	Accordion	84 376 R	Bottle and jar	215 355+
Animal husbandry	119	Aircraft		Breakable neck	215 50+
Animal restraining	119 729+	Barrier type	244 110 R	Design	D09 439
Die	408 120+	Animal	210 131	Closure for receptacle	220 801
Firearm	42 71.01+	Backstop bowling	473 114	Flexible bag	383 96
Lathe headstocks	82 142+	Car	104 249+	Flue	126 319
Lathe tailstocks	82 148	Door	16 49+	Ingot or pig molds	249 204
Live care and handling	119	Elevator car	187 351+	Ordnance	89 30
				Ship or vessel	

Class Subclass		Class Subclass		Class Subclass	
Cable.....	114 199+	Tearing or breaking.....	225 91	Animal shoe fastening.....	168 22
Hawse pipe.....	114 180	Straightening Devices		Antiskid for wheels.....	152 221+
Leak.....	114 227+	Decurling coated flap of envelope ...	493 395+	Apparel supporting.....	2 338+
Port.....	114 174+	Grain harvester.....	56 473	Spaced holders.....	2 323+
With measuring devices.....	222 424.5+	Metal		Auto folding top.....	296 130
Tilttable.....	222 454+	Automobile frame.....	72 705*	Boot.....	36 56
Stopwatch	D10 30	Leveler.....	72 160+	Button loops.....	24 660
Storage		Stretcher.....	72 302	Closure holding	
Battery.....	429	Paper web.....	162 270+	Wooden boxes.....	217 66+
Charging and discharging.....	320	Shoe sole.....	12 120.5	Clutch.....	192 80+
Connections.....	439 754+	Tobacco treatment.....	131 324+	End attaching devices.....	24 265 R+
Electrolyte.....	429 189+	Stemming.....	131 315+	Hand	
Half lead.....	429	Trouser leg.....	2 233	Casket lowering.....	27 33+
Lead.....	429	Wire.....	140 147	Package and article carriers.....	294 149+
Plates and grids.....	429 209+	Cutting combined.....	140 139+	Railway car.....	105 354
Building & devices(see garage;silo)...	52	Strain		Harness	
Ballast storage for aircraft.....	244 94	Connector electrical.....	439 296+	Breast.....	54 58+
Bed with stowage.....	5 503.1	Gauge.....	33 DIG. 13	Breech.....	278 128
Bin with power driven		Relief		Hame.....	54 28
conveyor.....	198 550.1	Pipe joint.....	285 114+	Hitching.....	54 34
Coiled material.....	242	Reliever electrical cord terminal.....	439 449+	Loops.....	24 182
Crib with stowage.....	5 96	Strainer (See Filter; Screen; Sifter)		Hat.....	132 58
Fire escapes.....	182 82+	Baths closets etc.....	4 286+	Machine element.....	74 570.1
Food storage receptacle.....	99 467+	Sinks.....	4 652	Making	
Magazine for label pasting.....	156	Concentrating evaporator.....	159 42	Box straps.....	140 74
Material handling.....	414 589	Dispenser combined.....	222 189.02+	Strap finishing.....	69 17
Positioning material for		Dispensing type sprinkler etc.....	222 565	Nuclear reactor moderator support..	376 304
building erection or repair.....	414 10+	Eaves, troughs.....	52 11	Safety.....	182 3+
Parachute storage.....	244 147+	Kitchen utensil.....	D07 667	Tighteners.....	24 68 R+
Portable storage & means for		Liquid separation.....	210 348+	Bale and package ties.....	24 19
erecting.....	414 919*	Detachable.....	210 473+	Portable, detachable tensioners..	254 199
Ramp.....	52 175	Faucet attached.....	210 449	Trouser.....	24 72.1
Storage provision on passenger		Mold for metal having.....	164 358	Weaving machine	
car.....	105 334+	Paper stuff.....	210	Harnessing connecting.....	139 88
Table leaf.....	108 86+	Press.....	100 130	Shuttle fly lug connecting.....	139 153
Table leaf terraced.....	108 93	Separating yeasts ferments etc.....	435 283.1+	Wheel brake.....	188 77 R
Vehicle top.....	296 140+	Separatory stills.....	202 178	Wrist watch.....	224 164
Ventilation of storage		Sewer inlet.....	210 163+	End attaching devices.....	24 265 R+
structure.....	454 173+	Sewerage trap.....	210 435+	Stratifying (See Separator, Solids)	209
X ray film holders.....	378 167	Support.....	248 94	Straw	
Cryogen.....	62 45.1+	Textile fluid treating apparatus.....	68	Drinking.....	239 33
Floating vessel.....	114 256	Vegetable etc comminutor type.....	241	Drinking device.....	D07 300.2
Hydrogen, alloys for.....	420 900*	Well casing.....	166 227+	Holder.....	D07 635
Radioactive waste material.....	588 1+	Strand (See Filament; Wire)		Mattresses.....	5 951*
Submerged vessel.....	114 257	Advancing material of indeterminate		Stacks forming.....	414 132
Tank.....	D23 202	length.....	226	Streamlined	
Underground fluid.....	405 53+	Brakes.....	188 65.1+	Aircraft.....	244 117 R+
Store Service	186	Drying apparatus.....	34 611+	Railway trains.....	105 1.4
Trolley type ladders.....	182 36+	Drying processes		Street (See Roads)	404
Using punch cards.....	186 56	Diverse.....	34 419	Cleaners and sweepers	
Storefront Design	D25 59	Gas contact.....	34 444+	Brushing.....	15 78+
Stores	52 28+	Heat.....	34 273+	Machinery.....	D32 15+
Bay windows.....	52 201	Vacuum or pressure.....	34 409+	With air blast or suction.....	15 300.1+
Self service.....	52 33	Feeder.....	226	Flushers.....	239 146+
Show window panel.....	52 777+	Finishing apparatus.....	28 217+	Lantern.....	362 257+
Show window panel.....	52 764+	Fire escape.....	182 189+	Oilers.....	239 130
Toy.....	446 476	Floor or wall attached.....	182 100	Pavements.....	404 17+
Storm Fronts		Joining (see joints)		Signal	
Railway passenger cars.....	105 353	Electric conductor.....	156 49	Marker.....	404 9+
Vehicle body.....	296 77.1+	Rope splices.....	57 202	Mirrors and reflectors.....	404 14
Window.....	52 202	Rope splicing devices.....	57 22+	Traffic.....	116 63 R
Screen combination.....	160 90+	Tying.....	289	Signs.....	40 612
Storm Windows	49 61+	Laminating.....	156 166	Street light.....	D26 67+
Stove	126	Making.....	28 217+	Design.....	D20 17
Absorber coating.....	126 907*	Braiding.....	87	Underground electric conductors.....	174 39
Air preheating.....	266 138+	Casting.....	164 418+	Streetcar	D12 36+
Dampers.....	126 285 R+	Knitting.....	66 3+	Appliance.....	D13 128
Automatic.....	236 45	Sliver assembling.....	19 157+	Strength Measuring	
Combined with furnace features.....	110 163	Spinning or twisting.....	57	By acoustic emission.....	73 801
Design.....	D07 339+	Waxed end.....	57 20	By impact or shock.....	73 12.01+
Handle or knob.....	D08 300+	Package.....	206 389+	By testing model of structure.....	73 804
Heating		Wound.....	242 159+	Hardness.....	73 78+
Electric.....	392 418+	Packaging.....	28 289+	Muscular.....	73 379.01+
Illumination.....	362 92+	Placing or cable hauling.....	254 134.3 R+	Coin controlled.....	194
Implements.....	294 9+	Seal for a joint or juncture		Optically sensed.....	73 800
Compound.....	7 109+	Carbon or graphite composite.....	277 938	Periodic.....	73 808+
Polish.....	106 3+	Glass composite.....	277 937	Alternating tension &	
Still combined.....	202 165	Structure		compression.....	73 797
Ventilators.....	D23 371+	Barbed wire.....	256 6+	Stress strain.....	73 788+
Working fluid compositions.....	126 678	Conductors.....	174 126.1+	To cracking of specimen.....	73 799
Stovepipe	126 307 R+	Conductors insulated.....	174 110 R+	Streptomycin	536 14
Design.....	D23 394	Conductors sheathed.....	174 102 R+	Stress Distributing (See Equalizing)	
Elbow bending.....	72 307	Fence wire.....	256 46	Conduit electric.....	174 73.1
Hood combined.....	126 301+	Textile.....	428 364+	Insulator electric.....	174 140 R+
Liquid heater.....	126 364.1+	Textile braided.....	87 8+	Testing.....	73 760+
Thimbles.....	126 314+	Textile twisted.....	57 200+	X ray tube.....	378 139
Straight Jackets	128 869+	Tearing or breaking.....	225	Stretchers & Stretching (See	
Straight Line Motions	74 103	Tire bead grommets.....	245 1.5	Definition Notes; Tension;	
Straightedge	33 403+	Winding, tensioning or guiding.....	242 470+	Tighteners	254 199+
Design.....	D10 61+	Strangler		Boot and shoemaking	
Leveling.....	33 341+	Bridle.....	54 15	Loose upper shaping.....	12 54.1+
Rod joint.....	403	Strap		With diverse operations.....	12 52.5

Class Subclass		Class Subclass		Class Subclass	
Coating process.....	427 171+	Piano hammer actions	84 236+	Strips (See Tape)	
Coating process combined.....	427 401	Pneumatic pianos	84 54	Adhesively affixing	156
Design.....	D12 128+	Rigid vibrators with	84 404	With cutting	156 510+
Fabric		Stringed with	84 12	Apparel.....	2 338+
Apparel.....	223 52+	Punching bags.....	482 86+	Breaker strip	152 526
Carpet	254 200+	Railway draft block	213 58+	Building joint covering.....	52 459+
Carpet	294 8.6	Surfaces for matches	44 643	Buttonhole	2 266
Carpet fastener combined	16 5	Compositions	149	Carpet fastening	16 16
Fastener applier combined	227 12	Typewriter		Continuous binding	281 23
Frame, eg curtain stretcher	38 102.1+	Index wheel	400 165.1+	Convolute winding	242 520+
Framed panel	160 378	Key wheel	400 174+	Dispensing	221 33+
Hat shaping	223 15	String (See Cord; Strand)	57	Continuous strip	312 34.1+
Hung or draped	160 328+	Catgut	84 297 S	Towel	312 34.9+
Ironing table combined	38 108	Covering with copper or		Feeding and delivering	226
Smoothing	38 102	silver wire	57 3	Guide sewing machine	112 152
Smoothing implements combined	38 70	Draw	24 712	Handling (see feeder; sheet)	
Smoothing machine combined.....	38 12+	Gut	8 94.11	Manifolding	462 25+
Wire	140 108+	Insulators	174 150	Continuous form strip book	
Working combined.....	26 51+	Stress distributing combined	174 141 R	type	462 2
Fence incorporated	256 37+	Musical instrument.....	84 297 S+	Leaf and book combined	462 7
Frames		Musical instrument.....	984 117	Leaf combined.....	462 8
Tack puller for	254 18	Covering with wire.....	57 3	Metallic.....	428 544+
Textile sheets	38 102+	Design.....	D17 14+	Compound	428 615+
Horseshoe	168 9	Piano	84 199	Strips of repeated articles,	
Invalid lift		Tuning devices	84 455	cut up later	29 DIG. 40
Bottoms and slings.....	5 625+	Nail manufacture	470 122	Paper.....	281 5+
Field type	5 626+	Nailers	227 95+	Leaves combined	281 2
Wheeled	296 20	Plate piano.....	84 188	Printed	283 62
Leather		Frame and sounding board		Pasters.....	156
Belt	69 1.5	combined	84 184	Perforated telegraph tape	178 112
Frame	69 19.1+	Frame combined	84 185	Recorder record receiver	346 136
Lasting machine.....	12 7+	Sounding board combined.....	84 187	Recording paper	346 136
Lasting tool	12 108+	Shoe.....	24 715.4+	Servers (see notes & definitions).....	226
Shoe spot stretchers.....	12 115.2+	Tag.....	40 662+	Spiral cutting	83 680
Translating tool	69 46	Band type	40 665	Supports	211 45+
Work holder	69 19	Tear		Stacked	211 50+
Metal curving or straightening	72 302	Bag	383 206	Switchboard	361 600
Metal slitting and	29 6.1	Box	229 239	Telephone	379 325
Necktie	223 65	Envelopes	229 311+	Tack.....	411 439+
Pelt	69 19.1+	Stringed Instruments	84	Tape appliers shoe making	12 59.5
Pushing and pulling implements		Automatic player pianos	84 7+	Tearing or breaking.....	225
or apparatus	254 199	Electric pickup	84 723+	Telegraph tape	178 111+
Resilient article assembling	29 235	Stringer (See Girder)		Tensioning.....	242 410+
Saw making	76 26+	Railway	238 24+	Towel supports	211 16
Screws for ropes and cables	28 240+	Tie ends	238 42	Locked	211 6
Twisting combined.....	57 310	Seed corn	139 19	Unwinding.....	242 550+
Ships sail	114 109+	Stringing		Vehicle body wear.....	296 41
Shoe former.....	12 128 V+	Assembling by (see notes to)	29 241	Weather	49 475.1+
Skein washing combined	68 159	Beads	29 700+	Windshield	296 93
Spinning and twisting combined	57 310	Apparel trimming.....	223 48	Winding tensioning or guiding	242 520+
Strap	24 68 D	Sewing machine for	112 470.21+	Woodcutters for strips	
Stretch forming	72 295+	With knotter	112 470.22	Bench planes.....	30 478+
Textile web running lengths.....	26 71+	Tennis racquet.....	473 553+	Slicers.....	144 164+
Biaxial	26 72+	Tobacco	414 26	Veneer lathe.....	144 215
Heater-dryer and spreader	26 92	Stripping		Stroboscopes	
Heater-dryer combined	26 106	Brush	15 166	Electric	
Roller spreader	26 99+	With material supply.....	401 193	Frequency.....	324 76.39+
Spreader	26 87+	Coating		General	324
Tubular fabric spreader	26 80+	Implement	401 48	Phase	324 76.77+
Web condition responsive		Machine	118	Electric lamp systems.....	315
control	26 74+	Processes	427 286+	Condenser discharge.....	315 227 R+
Thread finishing	28 240+	Fabric weaving	139 417	Optical	356 23+
With liquid treating.....	28 246	Stripper and Stripping		Stroboscopic Light Synchronizer	356 23+
With stopping	28 242	Berry	56 330	Condenser supplied lamp	315 227 R+
Umbrella tent	135 907*	Bobbin.....	28 292+	Using electronic tube for	
Wire (see notes to)	140 123.5	Coating	118 100+	trigger	315 208
Striated Effects Surface Type	428 30	Coil	242 360+	Using photocell.....	315 149+
Striker and Striking		Color stripping.....	8 102	Stroke Regulation	
Ammunition fuse etc.....	102 272+	Cotton	56 33+	Dispenser volume varying	
Animal trap	43 77+	Cutlery combined	30 128+	Piston or follower.....	222 309
Clocks.....	368 243+	Electrolytic apparatus combined.....	204 194+	Relatively movable actuator	222 287
Electric	368 250+	Electrolytic removal of elemental		Expansible chamber device.....	92 13
Electric	968 583+	layer from metal or metal alloy	205 717+	Expansible chamber motors.....	91 277+
Mechanical striking.....	968 219+	Expressing press cake.....	100 218	Pump type dispensers	222 375
Comminuting		Cloth removing.....	100 298	Mechanical movement.....	74 20+
Hammer mills.....	241 86+	Fiber and thread		Piano actions.....	84 221+
Hammer mills.....	241 185.5+	Carding	19 108+	Pumps	417 212+
Hammer mills plural parallel		Guides	28 222+	Lubricating	184 26+
zones	241 138	File blank	29 77	Punches	83 248
Hammer mills plural series		Filling tube	141 265	Punches	83 527+
zones	241 154	Harvesting	56 126+	Rotary	91 472+
Impact processes	241 27	Insulation from wire.....	81 9.4+	Stroller (See Baby, Carriage)	280 47.38+
Diaphragm horn with rotary	116 143+	Molds and castings	164	Collapsible.....	280 639+
Fixed bell with pivoted	116 167	Ingot strippers	164 405+	Seated occupant.....	280 650
Gong with pivoted	116 155+	Nail strippers.....	193 38	Design	D12 129
Lock	292 340+	Of electrophotographic copy sheets	399 398+	Strontium (See Alkali Earth Metal)	75
Mechanism for music players.....	84 323+	Of electrophotographic copy sheets	430 256+	Strophanthin	536 6.1
Piano.....	84 236+	Photographic paper and films	430 256+	Strapping Devices	
Movable figure toys	446 336	Prick punch	30 368	Cutlery.....	30 138+
Music instruments		Punch press	83 111	Razor.....	30 35+
Automatic outside players	84 111	Tube or sheath splitter	30 90.1+	Reciprocating tool	451 169
Piano auxiliary.....	84 224	Vine and seed	460 123	Reciprocating work holder	451 316

Class Subclass		Class Subclass		Class Subclass	
Structure	76 81+	Splitter in situ	144 193.1+	Suction (See Pneumatic; Vacuum)	
Surface renewing	451 459	Stunning	452 57+	Abradant remover	451 456
Work rotating	451 318	Stunting Agents	504 174+	Anchors	114 296
Structural Elements (See Reinforcement)		Stylographic Pens	401 258+	Boxes paper making	162 363+
Brake beams	188 219.1+	Stylus		Cup	
Bridge details	14 14+	Code transmitter	178 19.01	Bracket	248 205.5+
Fence rail	256 60+	Facsimile	358 478	Light support	362 397
Laminated and analogous structure		Synchronization	358 424	Support	248 363
Flexible fabrics	442	Indenting	81 9.2	Surgical	604 314+
Glass	156 99+	Manifolding	81 9.2	Dental apparatus	433 91+
Making		Pen material retaining	401 292	Denture	433 184+
Beam or girder	29 897.2	Phonograph or sound recorder and reproducing		Draft appliances for furnaces	110 162
Columnar member	29 897.3	Changers	369 171+	Feeder conveyer holding item by	209 905*
Openwork	29 897.31	For sound box	369 161	Machines	
Panel	29 897.32	Holders	369 170	Cleaning	15 300.1+
Rails	238 122+	Stylus feed	369 172	Dredgers	37 317+
Rolled flanged bars	72 221+	Styptic Pencil	604 309	Insect catchers	43 139+
Sheet piling	405 276+	Composition	424	Label picker	156 569+
Static structural component	29 897.33	Styrene	585	Lubricator	184 58+
Stock shapes	428 544+	Copolymers (see also synthetic resin or natural rubber)	526 347	Milker pulsators	137 103+
Vehicle	29 897.35	With diolefines	526 340	Milkers	119 14.27+
Molded in situ	264 31+	With cycloolefines	526 280	Shears combined	30 133
Pipe	138 177	Polymerized liquid (see also polymerized solid (see also synthetic resin or natural rubber))	585 428	Tobacco feeding	131 110
Railway ties	238 54+	Synthesis	585 435+	Operated motor horn	116 138
Strands	57 902*	Styrofoam T M	521 79	Pneumatic conveyer	406 151+
Structured Biocides	424 405+	Mold filling	264 DIG. 10	Nozzle	406 152
Structured Insecticides	424 405+	Pre-expansion	264 DIG. 9	Pump	415
Structured Repellants	424 405+	Styrols (See Styrenes)		Pump	417
Strut		Sub-Critical Reactor Nuclear	376 158	Tool holder-flexible abrasive	451 494
Aircraft landing	244 100 R+	Subduing Color	8 102	Sugar	127
Spring	267 2+	Subirrigation	405 36	Cane plant	PLT 385
Aircraft lifting	244 37	Sublimation		Planting	111 907*
Folding bed	5 139+	Apparatus combined	422 189+	Crystals washing out	127 63+
Railway dumping car door actuator	105 304	Furnaces metallurgical	266 144+	Cutting and shaping	425 289+
Scaffold	248 351+	Hydrocarbon purification by	585 801	Electrolytic treatment	205 697
Building propped	182 87	Processes		Fermentative liberation	435 94+
Window type	182 62	Inorganic materials	23 294 R+	Foods containing	99
Sprinkler head collapsing	169 38+	Refrigeration by	62 384+	Design of foodstuffs	D01
Strychnine	546 35	Automatic	62 165+	Grape	127 36+
Stub		Sulfur	423 578.1	Invert	127 41
Attached tab	402 500*	Submarine		Purification	435 276
Axle		Amusement railway	104 71	Syrups	426 658+
Control dirigible light supports	362 55+	Cable	174	Suint	554 1+
Motor vehicle, driven & steerable wheel	180 253+	Loaded	178 45	Removal from wool	8 139.1
Occupant propelled vehicle	280 771+	Telegraph system	178 63 R	Suit	D02 779+
Occupant steered vehicle	280124.125+	Dredger chamber	37 313	Space suit	607 96+
Railway truck	105 180	Earth boring	175 5+	Wet suit	2 2.14+
Railway truck radial	105 169	Hooks and grapples	294 66.1+	Suitcase	
Short turn vehicle	280 103	Ordnance	89 5	Locks	70 69+
Suspension arrangements	280124.125+	Pipe and cable laying	405 158+	Traveling bag	206 278+
Trailer steering devices	280 443+	Rescue bell	405 189	Sulfadiazine	544 297
Switch railway	246 445+	Signal and light		Sulfamic Acids, Organic	562 37+
Stud		Electric signaling	340 850+	Sulfamides	564 79
Balance	368 178	Indicator or signal	116 27	Sulfanilamide	564 86
Fixture wiring with box	174 62+	Lanterns	362 257+	Sulfanilic Acid	562 58
Hame bolt	54 26+	Toy boat	446 161+	Sulfapyridine	546 312
Lacing	24 713.9+	Tunneling	405 136+	Sulfate	
Making metal studs	29 12	Vessels	114 312+	Electrolytic synthesis	205 496+
Making		Subscript Character	400 904*	Esters	558 20+
Spiral	140 92	Subsoil		Fertilizers containing	71
Removers	81 53.2	Drainage	405 36+	Inorganic	423 544+
Studding	52 831+	Irrigation channels	405 36	Thio	423 514
Composite, stone like component	52 367+	Irrigators	405 35+	Sulfation	
Facer attached	52 474+	Plant	47 48.5	Carbocyclic or acyclic cpds	558 20+
Longitudinally related	52 836+	Plow	172 699+	Fatty oils or acids	554 85+
Ribbed concrete	52 327+	Weeding	172 720	Sulfenamides	564 102
Settable material backer attached	52 344+	Substitutes (See Artificial)		Sulfenate Esters	558 62
Studio Photographic	396 1+	Foods and beverages		Sulfides	
Stuff Working	241	Butter and lard	426 601+	Binary inorganic	423 511
Stuffed and Stuffing		Butter design	D01	Inorganic	423 511+
Container filling	493 967*	Coffee	426 569+	Containing	424 706+
Dynamic seal contained or compressed by a gland member	277 510+	Egg	426 531+	Medicine or poison containing	424 706+
in a packing box	277 510+	Leather	428 904*	Organic	568 38+
Horse collar	69 4	Tobacco	131 359	Amine	564 100+
Mattresses	5 948+	Vehicle wheel	305	Containing	514 706
Stuffing devices	53 524	Subterranean Heater	165 45	Sulfinamides	564 101
Multifelt fabric stuffer warp	139 415	Subways (See Tunnel)		Sulfinate Esters	558 61
Pile fabric stuffer warp	139 406	Tunnels	405 132	Sulfinic Acid	562 125
Sausage	452 35+	Ventilation	454 166+	Sulfinylamines	560 317
With linker	452 46+	Succinic Acid	562 590	Sulfite	
Truss pads	128 120.1	Esters	560 190+	Inorganic	423 519
Stuffer Box	28 263	Succinic Anhydride	549 233	Liquor	
Stump		Succinimides	548 545+	Carboxylic acids from	562 513
Burner	110 239	Suckling Appliances	119 71	Coating or plastic compositions containing	106 123.11
Design	D23 334	Sucrose		Compositions	162 83+
Remover	254	Inversion	127 41	Fermentation by yeasts	435 251
Excavator	37 302	Precipitation	127 47	Lignins from	530 500+
Hand and hoist line implements	294			Paper stock treatment	162 83+
Traversing hoist	212			Synthetic resins containing	527 400+
				Tanning agents containing	8 94.31
				Organic	260

Sulfite		INDEX TO CLASSIFICATION - S		Support	
Class	Subclass	Class	Subclass	Class	Subclass
Reducing composition	252 188.21	Centrifugal pump	415	Superscript Character	400 904*
Sulfite Esters	558 59	Internal combustion engine	123 434+	Supersonic Wave	367
Sulfo Acids	562 30+	Combined	123 559.1+	Agitation	366
Sulfoacetic Acid	562 109	Fluid pressure motor combined	60 598+	Bonding non-metallic	
Sulfohydroxamate Esters	560 303	Turbine combined	60 598+	Apparatus	156 580.1+
Sulfonamides	564 80+	Turbine combined	60 597+	Process	156 73.1+
Acyclic	564 95+	Superconductive		Chemical apparatus	204 193
Aromatic	564 84+	Alloys	420 901*	Chemical change causing	
Hydrazine containing	564 81	Cable	174 125.1	Apparatus	204 193
Plural	564 82+	With cooling	174 15.5	Code signaling	116 18+
Sulfa type	564 86	Electromagnet	335 216	Controls direction of travel	318 460
Sulfonate Esters	558 44+	Inductor	336 DIG. 1	Airplane	244 76 R+
Sulfonation of Fatty Oils	544 88+	In power system	323 360	Electric motor actuated	318 460
Fatty oils	554 85+	Magnetometer	324 248	Torpedo	114 23
Sulfones	568 28	Oscillator	331 107 S	Gas separation apparatus	96 389
Sulfonic Acids	562 30+	Process of making conductor	29 599	Gas separation process	95 29+
Aromatic preservation	562 41	By coating	427 62+	Generator	116 137 A
Fat cleavage with	554 154	Resistor	338 32 S	Piezoelectric resonator	
Hydrophenanthrene		Solid state system	327	combined	310 322
nucleus containing	562 31	Wave transmission	333 99 S	Piezoelectric with mechanical	
Mineral oil sludge source	208 13	Superconductor		energy coupling means	310 334
Triphenylmethane	552 112+	High temperature (above 30 degrees k)		Laminating processes	156 73.1+
Wetting agent containing	516 198+	Devices	505 150+	Measuring using	73 570+
Sulfonium	568 18	Material	505 100+	Metal casting using	164 501
Sulfophthalic Acid	562 54	Process	505 300+	Nautical signaling	116 26+
Sulfoxides	568 27	Systems including	505 150+	Seismic surveying	181
Sulfur		Low temperature (at or below 30 degrees k)		Submarine signalling	367 131+
Acids and acid anhydrides	423 512.1+	Alloy or metallic composition	420 901*	Testing miscellaneous	73 570+
Electrolytic synthesis	205 554	Coating	427 62	Welding apparatus using	228 1.1
Binding agents	44 589+	Control circuit for electro-		Supervisory Control	340 3.1+
Combined with fuel	44 604	magnetic device	361 141	Support (See Article or Device Supported)	
Burner	422 160+	Electric conductor structure	174 125.1	Airplane motor	248 554+
Compounds organic		Cooling of	174 125.1+	Antenna combined	343 878+
Carboxylic acids		Electric pulse counter, pulse divider, or shift register	377 93	Apparel	2 300+
Acyclic	562 512+	Electrical computer or data processing system	708 677	Apparatus	223 120
Acyclic acid moiety	560 147+	Housing or mounting assembly with plural diverse electrical components	361 679+	Design	D02 624+
Alicyclic esters	560 125	Impact ionization stable state device	327 186	Arch	602 66
Aromatic	560 9+	Inductor	336 DIG. 1	Armrest	248 118
Fats fatty oils ester type		Josephson junction device	257 31+	Article by building	52 27+
waxes higher fatty acids	554 85+	Magnet or electromagnet	335 216	Articles	
Heterocyclic	549 1+	Magnetic field shield	307 91	Or object being x rayed	378 38
Dye compositions	8	Magnetic lens	250 396 ML	Plural	211
Food fumigation with	426 319	Magnetic measuring device	324 248	Plural locked	70 62
Medicine or poison containing	424	Making by coating, forming, etching, or sputtering	204 192.24	Single	248
Minjng	299 3+	Mechanical manufacture	29 599	Ash tray smokers	131 240.1+
Preparation inorganic	423	Metal heat treatment combined	148 96+	Athletic	602 60+
Electrolytic	205 617	Nonlinear solid state device and circuit	327	Bag	248 95+
Removed from coal	44 622+	Digital logic	326 1+	Baggage	190 18 R
Removed from gaseous mixture	423 242.1+	Digital logic function (and, or, nand, or not)	326 1+	Ball rack	211 14+
Rendering harmless in fuel	208 177+	For attenuation	327 309+	Basin	4 643+
Salts inorganic	423	For gating	327 366+	Bathub	4 592+
Electrolytic synthesis	205 494+	With Josephson junction	327 527+	Bather	4 571.1+
Sulfureted hydrogen	423 563	Power supply or regulation system including transformer or inductor	323 360	Bearing	384 428+
Sulfuric acid	423 522+	Protective circuit	361 19	Bed linens	24 72.5
Apparatus		Resistor responsive to magnetic field	338 32 S	Bed attached	5 504.1+
Chambers	422	Rotary dynamoelectric motor	310 40 R+	Beds	5
Concentrating	422 160+	With cooling or fluid feeding	310 52+	Blotter, ie desk pad	248 346.01+
Trains	422 160	Solid state active element oscillator	331 107 S	Boat	
Electrolytic synthesis	205 554	Static information storage device	365 160	Foot supports	114 363
Esters	558 20+	Josephson junction type	365 162	Seat	114 363
Mineral oil sludge source	208 13	Thin film type	365 161	Bobbin	242 130+
Sulfurization		Stock material	428 930*	Body catchers	182 137+
Fatty oils	554 85+	Temperature measurement	374 176	Body harness	182 3+
Rubber molding combined	264	Wave transmission line or network	333 99 S	Baby jumper	297 275
Synthetic resin or natural rubber	525 343+	Superfinish Grinder	451 162+	Body in bed	5 600+
Synthetic resin from	528 389	Superheater		Boiler	122 510
Synthetic resin or natural rubber compositions containing	524 1+	Concentrating evaporator	366 127	Bookshelf combined	108 59+
Treating agent containing	526 917*	Cupola combined	48 64	Boot rack	211 34+
Sulfurous Acid	423 521	Steam	122 459+	Brackets (see bracket)	248 200+
Apparatus trains	422 160	Locomotive combined	105 45	Design	D08 354+
Paper stock treatment	162 83+	Power plant combined	60 643+	Brake	188 205 R+
Sulfuryl Chlorid	423 462	Superheterodyne Receiver	455 130+	Brush and broom	248 110+
Sulky Vehicle	280 63+	Superphosphates		Plural	211 65+
Go cart	280 47.24	Fertilizers	71 33+	Cabinet	312
Sultones	549 10+	Superplastic	420 902*	Cabinet housing	312 351.1+
Naphthosultone, seven membered hetero ring	549 10	Superregenerative Radio	455 336+	Selective diverse	312 243
Five members	549 33			Camera (see -, tripod)	396 419+
Four members	549 89			Cane rack	211 62+
Six members	549 15			Casket	27 26
Sun (See Solar)				Covers	27 18
Sun Baths	607 95			Catamenial	604 393+
Sun Mask	D16 301			Ceramic stilt	432 258+
Sun Roof, Automobile	296 210+			Chairs & seats	297
Sundial	33 270			Chin	602 902*
Sundial	968 415+			Corpse	27 25.1
Design	D10 45			Christmas tree	248 511+
Sunglasses				Cigar and cigarette	131 257+
Clip on type	D16 900*			Clock	248 114
Supercharger				Case	368 316
				Clothes spotting boards	68 240
				Clothesline	211 119.01+

Class Subclass		Class Subclass		Class Subclass	
Clutch.....	192 115	Indicator mountings.....	248 904*	Sifting.....	209 409+
Coating implement fountain combined.....	401 48	Inkstand, dispenser type.....	222 577	Simulation.....	248 908*
Non-use support.....	401 131	Inkstand, movable inkwell.....	248 128+	Skaters.....	482 51+
Cue.....	211 68	Inkstand, stationary inkwell.....	248 146+	Roundabout type.....	472 1+
Curtain.....	160	Instrument in panel.....	248 27.1+	With seat.....	297 5+
Cutlery.....	30 296.1	Jock strap.....	602 67+	And runners or wheels.....	280
Base supported.....	30 273+	Junction box.....	220 3.9+	Smoking appliance.....	131 257+
Forks.....	30 323	Kinesitherapy vibrator.....	601 46	Spectacle.....	351 155+
Guarded.....	30 290+	Light.....	362 382+	Spring reel.....	242 379+
Shears.....	30 231+	Bowl.....	362 433+	Stands (see also stand).....	248 127+
Spoons.....	30 327	Chimney.....	362 314	Static mold having.....	249 139
Device with.....	92 161	Inverted bowl.....	362 453	Stove or furnace	
Diaper.....	604 393+	Lens.....	362 455	Base.....	126 305
Disinfecting apparatus.....	422 297	Shade.....	362 433+	Boiler therefor.....	126 363.1
Dispenser.....	222 173+	Shade and bowl.....	362 351+	Cooking stove fluid fuel.....	126 50
Movable supply container.....	222 160+	Light filter.....	359 892	Field stove.....	126 30
Distill and.....	202 266	Machine.....	248 637+	Strainer.....	248 94
Drill rack.....	211 69	Mattress rack.....	211 28	Stratifier.....	209 508
Drum musical.....	84 421	Mirror.....	248 466+	Stringed instruments.....	84 327
Drying apparatus.....	34 239+	Frames or holders combined.....	52	Surgical needle.....	606 44
Earthworking tool.....	172	Musical.....	984 257	Tank, water closet.....	4 419+
Bulldozer.....	172 811+	Nozzle.....	248 75+	Temperature compensating.....	248 901*
Easels.....	248 441.1+	Sprinkler head.....	169 41	Thermometer, indicating tube.....	374 194+
Eaves trough.....	248 48.1	Nuclear reactor.....	376 461	Tire rack.....	211 23+
Egg rack.....	211 14+	Fuel core.....	376 362	Tissue dispenser holder.....	248 905*
Electric devices (see x-ray)		Nursing bottle.....	248 102+	Tobacco users appliance.....	131 257+
Battery cradles.....	429 96+	Opera glasses.....	359 409+	Tool driving or impacting device combined.....	173 31
Battery mounts automobile.....	180 68.5	Optical instruments.....	248	Toy.....	446 227
Battery racks.....	429 96+	Orthopedic.....	606 237+	Figure rotary.....	446 236
Cable.....	248 49+	Outboard motor.....	248 640+	Figure wheeled.....	446 269
Cell assembly support feature.....	429 186	Outlet box.....	220 3.9+	Trash can support.....	248 907*
Conductors in duct.....	174 99 R+	Panel.....	52 474+	Tree.....	47 42+
Electrode.....	314 130+	Face-to-face panels.....	52 479+	Tripod.....	248 163.1+
Electrode.....	429 208	Retaining means.....	52 764+	Truss.....	128 99.1+
Fixture rack.....	211 26	Paste tube.....	248 108+	Umbrella rack.....	211 62+
Holder per se.....	429 100	Pen or pencil rack.....	211 69.1+	Valve.....	251 143+
Insulator.....	174 158 R+	Phonograph record rack.....	211 40	Vehicle outrigger.....	280 763.1+
Lamp filament.....	313 271+	Picture.....	248 466+	Crane.....	212 301+
Outlet or junction box.....	220 3.9+	Frame combined.....	40 700+	Vehicle part	
Support.....	248 906*	Pipe		Harvester tongue.....	56 218
Overhead conductors.....	174 40 R+	Conduit.....	248 49+	Motor.....	248 637+
Plating electrode.....	204 286.1	Coupling.....	285 61+	Truck railway safety.....	105 217
Removable cell.....	429 96+	Dredger.....	37 334	Velocipede.....	211 17+
Secondary battery.....	429 208+	External structure combined.....	138 106+	Vessel bilge or keel.....	405 7
Telephone.....	379 454+	Joint.....	285 61+	Violin.....	84 280
Third rail.....	191 32	Smokers.....	131 257+	Walkers.....	482 51+
Trolley.....	191 40+	Plant.....	47 44+	Roundabout type.....	472 1+
Wire supports.....	52 40	Plaster.....	52 443+	Walker aid.....	135 67
Eye glass.....	351 155+	Furring joist or stud.....	52 344+	With seat.....	297 5+
Holder.....	248 902*	Plumbs.....	33 370+	And runners or wheels.....	280
Fan.....	416 146 R	Pressure compensating.....	248 901*	Washboard.....	248 27.5
Field glasses.....	359 409+	Projection machine.....	248 637+	Watch.....	248 114
Flashlight.....	362 157+	Punching bag.....	482 87+	Water closet bowl.....	4 252.1+
Flexible abrasive tool.....	451 490+	Racks (see rack).....	211	Weighing scales.....	177 244
Floral.....	248 27.8	Radiator.....	165 67+	Weighted base.....	248 910*
Fluid handling apparatus.....	137 343+	Railway couplings		Wheel rack.....	211 23+
Food.....	99 324+	Link supports.....	213 205+	Whip.....	211 67
For receptacle.....	248 311.2	Pin supports.....	213 192+	Design.....	D30 156+
Founding		Railway mail delivery.....	258 23+	Window pane.....	52 777+
Core.....	164 397+	Receptacle.....	248	Window pane.....	52 764+
Insert in mold.....	164 332+	Letter box.....	232 39+	Work (see holders, work)	
Funnel.....	248 94	Milk pail lap supported.....	220 17.1+	Work supported machines	
Furnace (see --, stove)		Racks.....	211 71.01+	Lathe.....	82 128
Furniture.....	211 27	Safe.....	109 50	Riveting machine.....	29 243.53+
Gaff.....	114 99	Stands.....	248 128+	Wringer.....	68 239
Gate front end.....	49 396	Tray type.....	211 126.1+	Wash bench combined.....	68 236
Glass mold.....	65 361	Stacked.....	211 126.2+	X ray film or screen.....	378 167
Golf bag.....	248 96	Terraced.....	211 128.1+	Dental cassettes.....	378 168
Gun rack.....	211 64	Tray type stand.....	248 127+	Table.....	378 209
Hair foundations.....	132 53+	Wall.....	220 476	X ray tube.....	378 193
Hammock.....	5 127+	Receptacle covers		Supporting	
Hand stamp rack.....	211 39	Casket.....	27 18	Frame for skater.....	482 51+
Harness.....	54 84	Removers.....	81 3.08+	Roundabout type.....	472 1+
Body.....	119 856+	Wooden.....	217 60 R+	With seat.....	297 5+
Reins.....	280 181+	Reeling device.....	242 398+	And runners or wheels.....	280
Trace end.....	54 56	Refrigerating apparatus, resilient.....	62 295	Suppository	424 DIG. 15
Hatrack.....	211 30+	Refrigerator housing.....	62 297	Composition.....	514 966*
Head.....	297 391+	Refrigerator, internal.....	62 465+	Soluble in body.....	604 288
Heat exchanger.....	165 67+	Door mounted.....	62 377	Surgical	
Corpse.....	27 13	Ice.....	62 459+	Composition.....	424
Hinged leaf		Rod.....	248 251+	Packages.....	206 529
Binder device releasably engaging aperture sheet.....	402	Roller		Suprarenal Extracts	
Book or leaf.....	281 45	End.....	160 323.1+	Medicine containing.....	424 563
Display items.....	40 530+	Running material guide.....	242 615.2	Surface Active Agents (See Art Use Classes)	516 516
Movable on horizontal axis.....	211 169.1	Score line.....	248 909*	Surfaces	
Horizontally supported planar surfaces.....	108	Screen.....	160	Active agent.....	516 198+
Combined with other structure.....	108 50.01+	Shade.....	160	Aircraft sustentation.....	244 200
Combined with other structure.....	108 50.11+	Shipping.....	410 46	Bearing	
Hose conduit.....	248 75+	Shoe.....	211 34	Inserts.....	384 276+
		Counter and heel.....	36 69	Treating.....	384 625
		Pad and foot.....	36 71		
		Shoelace rack.....	211 61		

Surfaces		INDEX TO CLASSIFICATION - S		Sweeping Compound	
Class	Subclass	Class	Subclass	Class	Subclass
Bed bottom	5 186.1+	Silicone	128 DIG. 21	Strop	76 81+
Carbonizing of iron	148 206+	Sphincters artificial	128 DIG. 25	Vehicle springs	267
Chair or seat		Splint, clavicle	128 DIG. 19	Stub axle mounts	280124.125+
Changeable supporting surface	297 283.1+	Splint, inflatable	128 DIG. 20	Vehicle structure combined	280 788
Headrest with changeable surface	297 220+	Spotlights	362 804*	Vehicle systems	280 124.1+
Spring supported upholstery	267 80+	Stapler	227 175.1	Active control	280 5.5+
Cooking mold	99 372+	Supplies packaged	206 438+	Computer controlled	701 37+
Sheet or griddle	99 422+	Suppression of noise in electric signal	128 901*	Suspensoids	
Demonstration	434 365+	Syringes (see syringe)		Colloid systems	516 9+
Electric insulator	174 212	Table	269	Comminuting or grinding	241
Electrically charged for safes	109 35	Teaching	434 262	Electrical purification	204 554+
Erasable, eg chalkboard	434 408+	Teflon t m	128 DIG. 14	Electrolytic	
Leaves	281 39	Tree	47 8	Forming processes	205 74
Evaporators sugar making	127 16	Surlyn D T M (Polyethylene Methacrylic Acid)	526 317.1	Treatment processes	205 687+
Fluid reaction ie impellers	416	Survey Meter Nuclear Energy	250 472.1+	Electrophoretic or electro osmotic treatment processes	204 450+
Friction gearing	476 72+	Scintillation type	250 361 R	Suspensories	602 67
Gauge plates	33 567	Surveying Instruments	33 290+	Sustained or Differential Release	
Heater	126 271.1+	Bent line of sight type	356 253+	Capsules	424 457+
Open top vessel wall structure	126 390.1+	Angle measuring	356 138+	Implants	424 422+
Hinged horizontal	108 166	Range or height finders	356 3+	Tablets	424 468+
Horizontally supported planar	108	Optical features	356 247+	Sustained Release Implants	424 422+
Combined with other structure	108 50.01+	Design	D10 61+	Sutureless Closures	606 213+
Vertically adjustable	108 144.11+	Survival in Hostile Environment		Sutures	
Laminated type photographic	101 178	Suspended		Appliers surgical	29 243.56
Stencil	101 128.21	Roof	52 83	Surgical	606 228+
Pavement	404 17+	Swings	472 118+	Textile knitting	66 43
Antislip	404 19+	Suspender		Hosiery seam	66 179
Sheet type	404 18	Artificial leg	623 32	Swab	15 208+
Surface treating	404 83+	Fasteners design	D02 640+	Container for	206 209
Planographic printing	101 453+	Garment		Culture medium combined	435 309.1+
Platen or pressure	100 295	Design	D02 626	Diagnostic	600 572
Printing member	101 401	End elements	2 340	Lubricator	184 102
Railway rail tread surface	238 148	Fasteners for	D11 200+	Making	19 145+
Tie plate top surface	238 304	Plural	2 304+	Medicated	604 1+
Receptacle stand for sloping surface	248 148	Saddle type cord retainers	2 341+	Sampling	73 854
Roll or rollers	492 28+	Strip connected spaced	2 323+	Valved pump piston	417 545+
Roughness testing	73 105	Trouser attached	2 230	Swaging	
Instrument proving or calibrating	73 1.89	Suspension Devices (See Hangers)		Bolt side	470 147
Smoothing or pressing textiles	38	Battery active material, faure electrodes	429 208	Chain making shaping and	59 30
Street mirror or reflector t	404 14	Clothesline single run	211 119.12	File cutting by	76 14
Surgical electric applicator	607 115+	Drying		Horseshoe nail side	470 119
Textile drawing roll	19 65 R+	Hollow articles	34 106	Horseshoe shaping and	59 58
Washboard	68 226+	Sheets webs or strands	34 618+	Metal forging	72
Washtub with scrub surface	68 233	Filter household	210 105	Nut forging side	470 93
Yielding surface printing member	101 379+	Fluid (see suspensoids)		Pipe joint	285 382
Rolling contact	101 376	Current drying method	34 359+	Pipe to plate joint	285 222
Surfacing		Separating solids	209 132+	Saw making	76 51+
Button	79 7+	Folding bed fulcrum	5 141	Saw setting	76 72
Drilling combined	79 6	Insulator support	174 160	Screw threading by	470 84+
Grinding	451	Knob flexible	16 442	Tool sharpening by	76 89.2
Roads	404 17+	Light bowl	362 453+	Swarm Appliances	449 27+
Stone	125	Picture support	248 489+	Swash Plates	74 60
Surfboard	441 74+	Pipe or cable	248 58+	Expansible chamber device	92 71
Design	D21 769+	Rack for broom and brush	211 66	Flow meter	73 244
Surgery and Surgical (See Classes 128 and 604)		Radiator bracket	248 233	Internal combustion engine	
Acupuncture	128 907*	Roundabout amusement vehicle	472 32+	Multiple parallel cylinder	123 56.4+
Adhesive fastener for absorbent pad	604 389+	Special receptacles or packages	206 806*	Rotating cylinder	123 43 R
Article package	206 438+	Stage appliances	472 80	Motor	91 472+
Basin	D24 123	Structures & vehicles (see hanger)		Pump	417 269+
Biological signal amplifier	128 902*	Boiler regulation	122 450	Swathing Attachments	56 189
Feedback to patient	128 905*	Bridge cantilever truss	14 8	Swatters	43 137
Blood coagulation	128 DIG. 22	Bridges	14 18+	Sweater	
Breathing apparatus without patient cross-contamination	128 909*	Dumping railway car	105 242	Animal	D30 145
Cannula supporters	128 DIG. 26	Fences	256 23	Apparel	2 90
Catheters (see catheter)		Railway car body	105 453	Design	D02 750+
Cervical collars	128 DIG. 23	Railway car suspended	105 148+	Knit fabric	66 176
Clip applicators	29 243.56	Railways	104 89+	Sweats or Sweat Band	2 181+
Collagen	128 DIG. 8	Railroads	104 89+	Hat making	223 22
Computer controlled, monitored	128	Scaffolds	182 142+	Sweep	
Cyrogenic	128 DIG. 27	Track	104 123	Animal powered motor	185 19+
Design	D24	Unloader for suspended vehicle	414 377+	Cable drum actuation	254 381+
Electric shock, patient protection	128 908*	Vehicle body spring	280 788	Circuit	
Fluid amplifiers	128 DIG. 10	Suspended supports	248 317+	Cathode ray tube having	315 378
Heart-lung	128 DIG. 3	Swinging seat	472 118+	Electronic tube type oscillator	331
Heat shrinkable film	128 DIG. 18	Tea ball type beverage infuser	99 322	Triggered	327 131+
Hook-and-loop fastener	128 DIG. 15	Telephone supports	379 454+	Cultivator shovels	172 681+
Infusion monitoring	128 DIG. 13	Tool and machine		Cutter	30 310+
Intravenous injection support	128 DIG. 6	Brush or broom flue cleaner	15 104.067	Can opener	30 435+
Invalid beds	5 600+	Cable drum	254 380+	Plural blade	30 310+
Mask	D24 110.1+	Car journal box lifting	254 34	Foundry mold making device	164 161+
Medical-surgical bags	128 DIG. 24	Conveyor load suspending	198 678.1+	Pivoted arm bending machine	72 217
Medicament receptacle	604 403+	Conveyor loop	198 678.1+	Plow trailing	
Mixing receptacles	604 416	Cultivator wheeled	172	Separately attached wings	172 722+
Multiphasic diagnostic clinic	128 906*	Grapple pivoted saw operator	294 112	Winged	172 730
Pressure infusion	128 DIG. 12	Harvester knife grinding clamp	451 373	Sheet cutting machine	82
Radio telemetry	128 903*	Machinery support	248 637+	Wood auger	408 199+
Servo-systems	128 DIG. 7	Resilient	248 610	Wood disk cutting machine	408 72 R+
		Plow wheeled	172	Sweeper	
		Scraper flue cleaner	15 104.069	Brush broom vacuum carpet street	15
		Sheet delivering conveyors	271 198+	Rake eg lawn broom	56 400.17+
				Sweeping Compound	510 216

Class Subclass		Class Subclass		Class Subclass	
Sweet Potato Musical Instrument	84 380 R	Mechanically actuated, general	200	Panel hanger wheel mount	16 104
Sweetening		Multiple filament lamp having	315 64	Pipe joint	285 272+
Mineral oil	208 189+	Plate or socket lighting	362 95	Multiple	285 147.1+
Swelling		Position or condition		Punching bag	482 87+
Artificial fibers	8 130.1+	responsive	362 802*	Railway car suspending	105 156
Dyeing combined	8	Post supported electric light		Rod joint	403 164+
Fiber swelling & stretching	8 DIG. 3	combined with	362 431	Sleds multiple	280 17
Swells		Supported electric light		Socket combined	24 136 L+
Electric tone generation with		combined with	362 382+	Tool handle	403 52+
expression device	84 633	Telegraph circuit manipulator	178 75	Trolley head electric collector	191 60+
Piano	84 182	Telephone	379 422+	Turnbuckle	403 60
Pipe organ	84 346+	Telephone check operated	379 146+	Valve disc	251 264+
Reed organ	84 372	Telephone switchboard	379 319+	Valve gate	251 193+
Swimming		Telephone system automatic		Watch chain snap hook	24 905*
Aids	441 55+	selective	335 108+	Wheeled vehicle running gear	280 86
Buoyant	D21 803+	Testing of automatic telephone		Wood saw	83 747
Foot attached	441 61+	type	379 17	Swizzle Stick	D07 300.2
Foot attached (design)	D21 806	Thermal control of alarm	340 593+	 Swords	30 165+
Foot flipper	441 64	Thermally actuated	335	Cane	135 66
Hand attached (design)	D21 807	Trolley conductor type	191 38	Carrier	224 232+
Exercising devices	482 55+	Tuner with	334 47+	Design	D22 118+
Mask	D24 110.2+	Electronic	327 365+	Handles	D08 DIG. 5
Pool		Heat controlled	337 298+	Pistol	42 53
Design	D25 2	Inductor combined with switch	336 105	Sylphon T M (See Bellows)	
Grab rail	D25 41	To neutralize capacitance	307 134	Flowmeter	73 262
Inground	52 169.7+	Interference from elimination	307 134+	Fluid pressure gauge	73 729.1+
Nuclear reactor	376 174	Knife	200	Fluid pressure regulator	137 505.36
Nuclear reactor	376 361	Luminous		Making	29 454
Nuclear reactor	376 403	Faceplate	250 465.1	Corrugating	72 54+
Portable design	D21 815	Handle or key	250 465.1	Pump	417 472+
Sea baths	4 487+	Push button	250 465.1	Synchronizing	
Tank baths	4 488+	Movable carrier of textile braider		Camera and photoflash testing	356 72
Water purification	210 167.1+	with pattern mechanism	87 16	Camera shutter release and light	396 180+
Shoes	36 8.1	Movable for carrier of textile		Clock	368 52
With fins	441 76+	braiding apparatus	87 37+	Electromechanical	968 506+
Structure of pool	52 261	Photoelectrically controlled	361 173+	Electronic	968 920+
Concrete	52 250	Plates (see face, plates)		Clutches	192 52.1+
Curved	52 245	Pneumatic dispatch system	406 181+	Dynamolectric machine	
Suit	D02 731+	Railway	246	interconnection	307 43+
Teaching	434 254	Cable	104 184	Electric motor	318 41+
Swinging Door	49 381+	Cable slot type	104 195	Electric motor	318 85
Swings		Foot guard	238 380	Fluid pressure brake systems	303 35+
Amusement device	472 118+	Rail joint	238 165	Gearing	74 339+
Design	D21 823	Track	104 130.01+	Governor	73 507
Roundabout	472 33	Trolley conductor	191 38	Impeller combined	416 34
Chairs and seats	472 125	Stands	246 393+	Motion picture and sound	352 12+
Rocker-mounted	297 258.1+	Automatic face setting	246 278+	Multiple motor	60 700+
With fan	416 146 R	Manual operation with signal		Multiple motor	60 706+
Switch		actuation	246 144+	Musical instrument	84 119
Apparatus for elevators	187	Signal	246 476	Plural radio stations	455 502+
Automatic		Stoplight		Telecommunications, satellite	455 13.2
Electromagnetic	335 6+	Auto	200 61.59	Telegraphy	375 354+
Thermal	337 298+	Hydraulic	200 81 R+	Telegraphy multiplex	370 304+
Automatic for acetylene generator	48 7	Store service system	186 19+	Television	348 500+
Battery	320	Thermal responsive	337 298+	Recording or reproducing color	
Box	220 3.2+	Heated by electric current	337 14+	signal	386 12
Burglar alarm	20061.58 R+	Tilting track section type	414 354+	Synchronous Motor	310 162+
System	340 541+	Vehicle unloading	414 357	Clock	968 553+
Charging for storage batteries	320	Travelling crane system	414 562	Systems	318 700+
Combination	200 1 R+	Vertical axis for cutting and		Synchroscope	324 91
Conveyer type		conveying harvester	56 170+	Synchrotron	315 503
Chute	193 31 R	Switchboard		Synthesis	
Rollerway	193 36	Electric	361 600+	Electro	205 334+
Skidway	193 39	Telephone	379 319+	Inorganic compounds	23
Spiral chute	193 13	Divided central	379 310+	Organic compounds	260
Zigzag tube	193 28	Through ringing	379 256	Polymers (see synthetic resin or	
Door actuated	200 61.62+	Switches		natural rubber)	
Electric (see controller)	200	Membrane type	200 512	Synthetic	
Arc lamp system having	314 131	Rolamite	200 503	Alumina	423 625
Arc preventing or extinguishing	318 1+	Switching Systems		Diamond and making	423 446+
Automotive vehicle combined		Lamp systems	315 313+	Gem	501 86
with lock	70 237+	Relay systems	361 160+	Resin (see synthetic resin or	
Box or housing	174 53+	Signalling	340 286.01+	natural rubber)	
Check operated	194 211+	Selective	340 825+	Rubber (see rubber; synthetic resin	
Coin	194 239+	Transmitters	341	or natural rubber)	
Combined with distribution		Telegraph	178 19.01	Synthetic Resin or Natural Rubber	
circuit	307	Telephone	379 242	Abs (see also prepared from, below)	526 338
Design	D13 158+	Automatic	379 258+	Addition polymerization	526 72+
Display system control	345 +	Calling	379 350+	Manipulative process features	526 59+
Door or window	200 61.62+	Central	379 242+	Adhesive material	520 1+
Electric illuminating fixture	362 394	Intercommunicating	379 167.01+	Compositions (see class 523.524)	
Electric lamp having	315 32	Party line	379 177+	Admixtures of resins or rubbers	525 50+
Electromagnetic switching		Plural exchanges	379 219+	Aftertreatments	
systems	361 139+	Switchboard	379 310+	Chemical reaction involved	525 50+
Electronic tube having	315 56	Swivels	403 164+	To produce ion exchange resin	521 25+
Electrothermally actuated	337	Bracelets	63 10	Utilizing wave energy	522 1+
Fire actuated	337 298+	Chain	59 95	Vulcanization of rubber	
Lamp or electronic tube system		Making	59 9	(products)	525 331.9+
having	315 362	Chute horizontal swinging	193 22	Vulcanization of rubber with	
Light projector combined with	362 253	Endless chain pumps	198 643	sulfur or sulfur compound	525 343+
Magnetically operated	335	Fish bait artificial	43 42+	With asphalt or bituminous	
Making	29 622	Fishhooks	43 44.83+	material	525 54.5+

Class Subclass		Class Subclass		Class Subclass	
With carbohydrate.....	525 54.2+	Sintering process for		monomer	523 501+
With fatty acid or fatty		formation of porous product ...	521 919*	Lacquer (see class 523, 524)	
acid glycerol ester	525 50+	Styrene polymer	521 146+	Latex (see class 523, 524)	
With natural resin	525 54.4+	Foamed beads	521 56+	Coagulating.....	528 936*
With protein or biologically		Syntactic foam	521 53+	Concentrating.....	528 937*
active polypeptide	525 54.1+	Non resinous hollow particles ..	523 218+	Creaming, agglomerating or	
Physical treatment.....	528 480+	Urethane polymer.....	521 155+	coalescing	523 335
Compositions	523 300+	Vinyl chloride polymer.....	521 145	Physical treatment of natural	
Compositions: creaming,		Compositions (see class 523, 524)		rubber latex	528 934*
concentrating or		Adhesive (see class 523, 524)		Preserving or stabilizing	528 935*
agglomerating latex.....	523 335	Anerobic	523 176	Resin produced in presence of	
Natural rubber e.g		Glass substrate	523 168	water.....	524 800
extraction of rubber from		Antioxidant containing (see		Leather ctg (see cellular	
plant source.....	528 931*	class 523, 524)		plant or animal material,	
Natural rubber latex	528 934*	Antisatic	524 910*	above)	
Natural rubber latex		Asphalt containing.....	524 59+	Lignin or tannin containing.....	524 76
coagulating.....	528 936*	Resin produced in presence of	524 705	Resin produced in presence of	524 735
Natural rubber latex		With epoxy resin	523 450	With epoxy resin	523 400+
concentrating.....	528 937*	With polyester-unsaturated		With polyester-unsaturated	
Natural rubber latex		monomer	523 518	monomer	523 500+
preserving	528 935*	Biocidally protected	523 122	Linseed oil ctg (see fatty acid	
Alkyd resin (solid polymer).....	528 272+	Bitumen ctg (see asphalt ctg,		triglyceride, above)	
Compositions (see class 523,524)		above)		Molding (see class 523, 524)	
Containing chemically combined		Body contact or implantable		Natural resin ctg (see also	
fatty acid or fatty acid		(intended use)	523 105+	rosin , below).....	524 77
glyceride	528 295.5	Brake shoe (intended use)	523 149+	Synthetic resin produced in	
Containing chemically combined		Carbohydrate containing	524 27+	the presence of	524 764
natural resin.....	527 604	Resin produced in presence of	524 732+	With epoxy resin	523 400+
Aminoplast resin (see also prepared		With epoxy resin	523 447+	With polyester-unsaturated	
from aldehydes, below)	528 266	With polyester-unsaturated		monomer	523 500+
Bakelite t m type resin	528 129+	monomer.....	523 509	Natural resin ctg (see class	
Balata (see natural rubber, below)		Carbon black containing (see		523, 524 treated as	
Blends of solid polymers	525 50+	class 523, 524)		polyisoprene)	
Block and block type copolymers	524 88+	Resin produced in presence of	524 847	Guayule.....	528 930*
Buna t m type rubber	526 339	Specified dimension.....	524 495+	Phonograph record (intended	
Buna-n (butadiene nitrile rubber) ...	526 338	With epoxy resin	523 440	use)	523 174
Catalysts		With polyester-unsaturated		Pigment ctg (see class 523, 524)	
Aldehyde polymerization	528 232+	monomer.....	523 512	Plasticizer ctg (see class 523,	
With phenol.....	528 137+	Castor oil containing	524 310	524)	
Chalcogen ring opening	528 406+	Resin produced in presence of	524 769	Protein or biologically active	
Epoxy resin	528 88+	Cellular plant or animal		polypeptide ctg	524 17+
Ethylene polymerization	526 89+	material containing.....	524 9+	Resin produced in presence of	524 704
Graft polymerization	525 244+	Resin produced in presence of	524 702	With epoxy resin	523 449
Redox	526 915*	With epoxy resin	523 446	With polyester-ethyleneic	
Transition metal	526 90+	With polyester-unsaturated		monomer	523 500+
Polyester	528 274+	monomer.....	523 500+	Rosin containing.....	524 270+
With ethyleneic monomer	525 11+	Cellulose ether or ester ctg		Synthetic resin produced in	
Silicone.....	528 12+	(see carbohydrate ctg, above)		the presence of	524 764
Urethane	528 48+	With polyester-unsaturated		Tannin ctg (see lignin, above)	
Cellular or porous	521 50+	monomer.....	523 509	Tar ctg (see asphalt, above)	
Blends of synthetic resin or		Chinawood oil containing (see		Varnish (see class 523, 524)	
natural rubber.....	521 134+	fatty acid triglyceride,below)		Wax containing.....	524 487+
Blowing agent i.e foaming		Coating (see class 523, 524)		Oxygen containing wax	524 275+
agent	521 82+	Antifogging	523 169	Oxygen ctg wax with epoxy	
Resin formation in the		Glass enamel	523 170	resin.....	523 455+
presence of	521 99+	Ink for glass substrate.....	523 160	Oxygen ctg wax with polyester	
Carbodiimide polymer	521 901*	Concrete ctg (see inorganic		unsaturated monomer	523 511
Degradability enhanced	521 916*	water-settable, below)		Resin produced in presence of	
Dye or pigment containing	521 920*	Contact lens, used for (see also		oxygen ctg wax	524 763+
Electrical or wave energy used		class 527-937)	523 106+	Condensation polymerization	528
during cell forming	521 50.5	Cork ctg (see cellular plant or		Manipulative process features.....	526 59+
Ethylene polymer	521 143+	animal material, above)		Coumarone resin	526 266+
Fireproofed	521 82+	Degradability enhanced i.e pro-		Dacron t m type resin	528 308.1+
Non-urethane resin	521 907*	degradant containing.....	523 124+	Ebonite t m type resin	525 332.6+
Resin formation in presence		Dispersions (see emulsions,		Elastomer (see rubber, below)	
of fireproofing agent.....	521 99+	below)		E p (ethylene-propylene).....	526 348+
Urethane resin	521 906*	Drying oil ctg (see fatty acid		E p d m (ethylene-propylene-diene	
Hydraulic cement ctg (see water		triglyceride, below)		monomer).....	526
settable inorganic composition		Dye ctg (see class 523,524)		Cured or vulcanized	525 331.7+
ctg, below)		Emulsions (see class 523, 524)		Epoxide resin (see also classes	
Integral skin foam	521 51	Aqueous (see also 524-501) ...	524 800+	525, 528).....	528 87+
Isoocyanurate polymer	521 902*	Epoxide resin containing	523 400+	Foams.....	521 50+
Kicker or blowing agent		Fatty acid triglyceride ctg	524 313	G r - n (acrylonitrile-butadiene	
moderator	521 909*	Resin produced in presence of	524 773+	rubber)	526 338
Latex rubber	521 65+	With epoxy resin	523 455	G r - s (styrene-butadiene rubber) ..	526 340
Natural resin containing.....	521 84.1	With polyester-unsaturated		Graft or graft type.....	525 50+
Synthetic resin formation in		monomer.....	523 511	Guayule (see also natural rubber) ...	528 930*
the presence of.....	521 109.1	Feather ctg (see cellular plant		Hevea (see natural rubber)	
Natural rubber containing	521 150	or animal material, above)		Hypalon t m type resin	525 333.9
Latex.....	521 65+	Fireproofed (see class 523,524)		Ion exchange resin	521 25+
Nucleating agents for	521 908*	Flux ctg (see class 523,524)		Ionomer resin systems	525 919*
Phenolic resin	521 180+	Foundry mold or mold core binder	523 139+	Carboxyl bearing	526 317.1+
Pigment containing.....	521 920*	Hair ctg (see cellular plant or		Kraton t m type resin (styrene-	
Polyester resin	521 182+	animal material, above)		butadiene rubber)	526 340
With unsaturated monomer ...	521 128	Heat stabilized (see class 523,		Lexan t m type resin	528 196+
Protein containing	521 84.1	524)		Lucite t m type resin	526 329.7
Resin formation in the		Inorganic water settable		Melamine resin	528 254+
presence of	521 109.1	material ctg e.g hydraulic		Natural rubber (note: for purposes	
Reduced smoke formation.....	521 903*	cement	524 2+	of the class 520 series natural	
Reticulated foam	521 52	Resin produced in presence of	524 650+	rubber is considered to be	
Separated reactive materials		With epoxy resin	523 402+	polyisoprene)	
e.g "two package system" ...	521 912*	With polyester-unsaturated		Neoprene	526 295

Class Subclass		Class Subclass		Class Subclass	
Vulcanized	525 330.9+	(see also class 527))	528	Diene rubber	526 72+
Nylon	528 310+	Formaldehyde (see aldehyde, above)		Spandex t m type	528 44+
Perbunan t m type rubber (copolymer butadiene-acrylonitrile)	526 338	Furfural (see also aldehyde, above)	526 270	Thiokol t m type	528 374+
Phenolic resin	528 129+	With non-ethylenic monomer	528 230+	Vulcanized	525 332.5+
Phenoplast	528 129	Hydrocarbons	528 396+	E p d m	525 331.8
Phenoxy resin	528 86+	Ethylenically unsaturated (see also 526-335;526-346)	526 348+	Rubber hydrochloride	525 332.3
Plexiglas t m type resin (polymethyl methacrylate)	526 329.7	Indene	526 280+	Silastic (organosilicon polymer)	528 10+
Polyamide resin (see also 528-332+)	528 310+	With coumarone	526 266+	Silicone resin	528 10+
Polycarbodiimide	528 44+	Isobutylene	526 348.7	Compositions	524 858+
Polyesters	528 272+	With butyldiene	526 339	Room temperature vulcanizing (rtv rubber)	528 901*
Polyimide	528 310+	Isocyanate compound	528 44+	Synthetic rubber (for purposes of class 520, is considered to be a synthetic resin)	
Polyphenylene oxide	525 905*	Isoprene (note: for purposes of the class 520 series natural rubber is considered to be polyisoprene)	526 340.2	Teflon t m (polytetrafluoroethylene)	526 255
Polysulfide	528 373+	Lignin	527 400+	Wave energy utilized	522 1+
Prepared from		Melamine (see aldehyde, above)			518 700+
Acetylene	526 285	Metal compounds	528 395	Synthol	
Acrolein	526 315	Ethylenically unsaturated monomer	526 240	Syringe	
Acrylates	526 328+	Organometallic	528 9	Dental	D24 113+
Acrylic acid	526 317.1+	Methacrylate	526 319+	Dispenser	222 206+
Acrylonitrile	526 341+	Methacrylic acid	526 317.1+	With follower	222 386+
Aldehyde e.g. homopolymer of saturated etc	528 230	Methylmethacrylate	526 319+	Hand held	604 187+
Ethylenically unsaturated	526 315	Monoepoxides (see epoxide, above)		Pump	417 437+
Hydrocarbon	528 247	Olefin	526 72+	Specific gravity tester	73 441+
Melamine	528 254+	Oxirane compounds (see epoxide, above)		Sprayer	
Urea	528 259+	Phosphorous compounds	528 398+	Liquid pump feed	239 329+
With amine e.g. aniline etc	528 266+	Ethylenically unsaturated	526 274+	Piston feed	239 320+
With ketone	528 227	Plant extract of undetermined constitution	528 1+	Surgical	604 187+
With phenol	528 129+	Polyepoxide compound (see epoxide, above)		Air	604 26
Asphalt or bituminous material	527 500	Propylene (homopolymer)	526 351	Design	D24 113+
Unsaturated	526 290	Copolymer	526 72+	Ear	604 187+
Butadiene	526 335+	Protein or biologically active polypeptide	527 200+	Eye	604 295+
Carbohydrates e.g. sugar, starch etc	527 300+	Ethylenically unsaturated derivative	526 238.1	Fluid operated	604 131+
Unsaturated carbohydrate derivative	526 238.2+	Silicon compound	528	Fountain	604 131+
Carboxylic acid or derivative	528 271+	Ethylenically unsaturated	526 279	Hand held	604 187+
Ethylenically unsaturated	526 317.1+	Si- h or si- c	528 10+	Hydrant	604 150
Cashew nut liquor	528 2+	Tannin	527 400+	Indication of defect or use	604 111
Cellular plant or animal material	527 100+	Ethylenically unsaturated monomer	526 238.2+	Irrigation	604 187+
Chloroprene	526 295	Tar or pitch	527 500+	Motorized	128 DIG. 1
Coal derived material (see asphalt or bituminous material, above)		Ethylenically unsaturated derivative	526 290	Nozzle	604 275
Cork	527 100+	Tetra fluoroethylene	526 242+	Piston	604 218+
Coumarone	526 266+	Urea (see aldehyde, above)		Pocket container for	206 364+
Diolfen hydrocarbon	526 335+	Vinyl chloride	526 344+	Preventing reuse	604 110
Cycloaliphatic	526 308	Vinyl compounds	526 72+	Projectile	604 130
Fused or bridged ring	526 280+	Vinylidene compounds	526 72+	Receptacle for	206 364+
Epoxide compound	528 403+	Purification of	528 480+	Siphon	604 131+
Diglycidyl ether of bisphenol compound (see also 525-523+; 525-107+; 525-403+)	528 87+	Composition	524 310	Thermal medicator	604 113+
Ethylenically unsaturated	526 273+	Reclaiming	521 40+	With light and electrical application	604 20+
Ethylene (homopolymer)	526 352+	Rubber	520 1+	Syrups	
Copolymer	526 72+			Condiments and flavors	426 658+
Ethylenic monomer (solely therefrom)	526 72+			Electrolytic treatment	205 697
With non-ethylenic monomer				Malt	426 44
				Sugars only	127 30+
				Aircraft control	244 175+
				Stoves and furnaces	126
				Systolic Processor	
				Array processor	712 19
				Neural network	706 15