

Generated by: Data Control Division

| | | | Subclass Ranges | |
|-------------|------|---|--|---|
| Class Title | | | From | To |
| ----- | | | | |
| Art Unit | 1614 | | | |
| ----- | | | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 49 649 | 58 |
| Class | 514 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 1 63 773 789 FOR 100 | 772 788 DIG 1 FOR 108 |
| ----- | | | | |
| Art Unit | 1615 | | | |
| ----- | | | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 400 402 451 48 485 61 69 | 449 483 502 64 78.38 |
| Class | 514 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 772.1 788.1 | 772.7 |
| ----- | | | | |
| Art Unit | 1616 | | | |
| ----- | | | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 114 40 59 600 65 650 84 900 | 126 47 60 648 68 724 DIG 16 |
| Class | 504 | PLANT PROTECTING AND REGULATING COMPOSITIONS | ALL | |
| Class | 552 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| ----- | | | | |
| Art Unit | 1617 | | | |
| ----- | | | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 401 | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|----------------|
| | | | From | To |
| Art Unit | 1618 | ----- | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 1.11 | 10.4 |
| Class | 534 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 10 | 16 |
| Art Unit | 1621 | ----- | | |
| Class | 260 | CHEMISTRY OF CARBON COMPOUNDS | 1 | 665 R |
| Class | 518 | CHEMISTRY: FISCHER-TROPSCH PROCESSES; OR PURIFICATION OR RECOVERY OF PRODUCTS THEREOF | ALL | |
| Class | 532 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| Class | 534 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | FOR 000 | |
| Class | 554 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| Class | 556 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| Class | 560 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| Class | 562 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 1 553 | 529 FOR 000 |
| Class | 564 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| Class | 568 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| Class | 570 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| Class | 987 | ORGANIC COMPOUNDS CONTAINING A Bi, Sb, As, OR P ATOM OR CONTAINING A METAL ATOM OF THE 6TH TO 8TH GROUP OF THE PERIODIC SYSTEM | ALL | |
| Art Unit | 1623 | ----- | | |
| Class | 514 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 23 45 | 43 62 |
| Class | 536 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 1.11 25.1 | 22.1 128 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|---------------|-----|---|--|--|
| | | | From | To |
| Art Unit 1624 | | ----- | | |
| Class | 540 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| Class | 544 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| Art Unit 1625 | | ----- | | |
| Class | 546 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| Class | 548 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 255 | 269.4 |
| Class | 549 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 1 | 563 |
| Class | 562 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 530 | 552 |
| Art Unit 1626 | | ----- | | |
| Class | 534 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 550 7 | DIG 10 |
| Class | 548 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 100 300.1 | 254 FOR 000 |
| Class | 549 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | FOR 000 | |
| Class | 558 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | ALL | |
| Art Unit 1632 | | ----- | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 570 93.6 | |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 183 189 325 69.5 69.8 91.33 92 | 188 234 69.52 69.9 171 |
| Class | 514 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 44 | |
| Class | 800 | MULTICELLULAR LIVING ORGANISMS AND UNMODIFIED PARTS THEREOF AND RELATED PROCESSES | 3 FOR 100 | 25 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|----------------------------|-----------------------------|
| | | | From | To |
| Art Unit | 1633 | ----- | ----- | ----- |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 450 484 93.1 | 93.21 |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 320.1 455 458 463 | |
| Art Unit | 1634 | ----- | | |
| Class | 536 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 24.1 | 24.33 |
| Art Unit | 1635 | ----- | | |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 91.1 91.4 | 91.32 91.53 |
| Class | 536 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 23.52 24.5 | 23.53 |
| Art Unit | 1636 | ----- | | |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 326 FOR 100 | 408 FOR 113 |
| Art Unit | 1638 | ----- | | |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 410 FOR 114 | 431 FOR 122 |
| Class | 800 | MULTICELLULAR LIVING ORGANISMS AND UNMODIFIED PARTS THEREOF AND RELATED PROCESSES | 260 FOR 101 FOR 105 | 323.3 FOR 103 FOR 108 |
| Art Unit | 1639 | ----- | | |
| Class | 506 | COMBINATORIAL CHEMISTRY TECHNOLOGY: METHOD, LIBRARY, APPARATUS | 1 41 | 32 43 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|---|----------------------------------|
| | | | From | To |
| Art Unit | 1641 | | | |
| ----- | | | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 130.1 139.1 | 137.1 |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 40.5 7.23 960 | 40.52 975 |
| Class | 436 | CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING | 500 512 | 504 829 |
| Class | 930 | PEPTIDE OR PROTEIN SEQUENCE | FOR 000 | |
| Art Unit | 1642 | | | |
| ----- | | | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 138.1 147.1 159.1 186.1 196.11 199.1 204.1 281.1 | 149.1 162.1 190.1 229.1 |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 800 440 456 459 464 | 832 454 457 462 490 |
| Class | 514 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 22 | |
| Class | 530 | CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS THEREOF | 333 860 | 345 868 |
| Art Unit | 1643 | | | |
| ----- | | | | |
| Class | 530 | CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS THEREOF | 387.3 | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|---|--|
| | | | From | To |
| Art Unit | 1644 | | | |
| ----- | | | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 140.1 145.1 171.1 275.1 | 143.1 276.1 |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 7.24 | |
| Class | 436 | CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING | FOR 123 505 | FOR 236 510 |
| Class | 530 | CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS THEREOF | 351 386 387.5 389.6 | 387.2 389.4 |
| Art Unit | 1645 | | | |
| ----- | | | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 144.1 146.1 150.1 163.1 175.1 185.1 193.1 197.11 200.1 230.1 278.1 282.1 | 157.1 170.1 183.1 195.11 198.1 203.1 274.1 280.1 283.1 |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 235.1 252.3 257.2 3 317.1 68.1 7.25 70.1 821 | 239 252.35 7.22 7.95 71.2 |
| Class | 530 | CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS THEREOF | 331 389.7 400 800 | 332 394 427 859 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|---|---|
| | | | From | To |
| Art Unit | 1646 | | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 158.1 172.1 277.1 85.1 | 174.1 85.7 |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 254.11 | |
| Class | 514 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 2 FOR 000 | 21 |
| Class | 530 | CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS THEREOF | 300 350 389.5 395 397 | 330 399 |
| Class | 536 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 23.1 | 23.51 |
| Class | 930 | PEPTIDE OR PROTEIN SEQUENCE | 140 50 90 | 145 |
| Art Unit | 1649 | | | |
| Class | 800 | MULTICELLULAR LIVING ORGANISMS AND UNMODIFIED PARTS THEREOF AND RELATED PROCESSES | FOR 000 FOR 104 | |
| Art Unit | 1651 | | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 520 571 93.3 93.7 | 569 583 93.51 94.67 |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 1.1 173.1 242 252.4 254.2 259 41 71.3 800 815 818 820 822 | 2 182 252.2 254.1 257.1 261 67 90 804 816 948 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|---------|
| | | | From | To |
| Art Unit | 1652 | ----- | ----- | ----- |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 188.5 | |
| Class | 530 | CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS THEREOF | 257.3 | 258.4 |
| Class | | | 396 | |
| Art Unit | 1653 | ----- | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | FOR 000 | |
| Class | 536 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | FOR 000 | |
| Art Unit | 1655 | ----- | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 195.15 | 195.18 |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 725 | 780 |
| Class | | | 40 | |
| Art Unit | 1656 | ----- | | |
| Class | 424 | DRUG, BIO-AFFECTING AND BODY TREATING COMPOSITIONS | 184.1 | |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 191.1 | 192.1 |
| Class | 530 | CHEMISTRY: NATURAL RESINS OR DERIVATIVES; PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS THEREOF | 69.1 | 69.4 |
| Class | 536 | ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES | 69.6 | 69.7 |
| Class | 703 | DATA PROCESSING: STRUCTURAL DESIGN, MODELING, SIMULATION, AND EMULATION | 352 | 385 |
| Class | 930 | PEPTIDE OR PROTEIN SEQUENCE | 23.6 | 23.74 |
| Class | | | 11 | 12 |
| Class | | | 10 | 40 |
| Class | | | 100 | 130 |
| Class | | | 150 | DIG 822 |
| Class | | | 60 | 80 |
| Art Unit | 1657 | ----- | | |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 8 | 39 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|---------|
| | | | From | To |
| Art Unit | 1661 | ----- | ----- | ----- |
| Class | PLT | PLANTS | ALL | |
| Art Unit | 1712 | ----- | | |
| Class | 525 | SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES | 440.01 | 440.16 |
| Art Unit | 1741 | ----- | | |
| Class | 204 | CHEMISTRY: ELECTRICAL AND WAVE ENERGY | FOR 920 | FOR 936 |
| Art Unit | 1746 | ----- | | |
| Class | 68 | TEXTILES: FLUID TREATING APPARATUS | FOR 000 | |
| Art Unit | 1764 | ----- | | |
| Class | 208 | MINERAL OILS: PROCESSES AND PRODUCTS | FOR 000 | |
| Art Unit | 1771 | ----- | | |
| Class | 442 | FABRIC (WOVEN, KNITTED, OR NONWOVEN TEXTILE OR CLOTH, ETC.) | FOR 000 | |
| Art Unit | 1774 | ----- | | |
| Class | 503 | RECORD RECEIVER HAVING PLURAL INTERACTIVE LEAVES OR A COLORLESS COLOR FORMER, METHOD OF USE, OR DEVELOPER THEREFOR | FOR 000 | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|-----|---|---|---|
| Art Unit | | | From | To |
| 1791 | | ----- | ----- | ----- |
| Class | 65 | GLASS MANUFACTURING | ALL | |
| Class | 131 | TOBACCO | ALL | |
| Class | 152 | RESILIENT TIRES AND WHEELS | 151 192 300 331.1 450 DIG 12 DIG 14 DIG 18 | 169 212 322 373 DIG 6 DIG 16 DIG 19 |
| Class | 156 | ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL MANUFACTURE | 1 346 DIG 1 | 344 910 DIG 51 |
| Class | 162 | PAPER MAKING AND FIBER LIBERATION | ALL | |
| Class | 249 | STATIC MOLDS | 197 52 DIG 1 | 206 187.1 DIG 5 |
| Class | 264 | PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING: PROCESSES | .5 5 | 4 FOR 102 |
| Class | 425 | PLASTIC ARTICLE OR EARTHENWARE SHAPING OR TREATING: APPARATUS | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|----------------------------|---------------|
| | | | From | To |
| Art Unit | 1792 | ----- | ----- | ----- |
| Class | 8 | BLEACHING AND DYEING; FLUID TREATMENT AND CHEMICAL MODIFICATION OF TEXTILES AND FIBERS | 147 | 159 |
| Class | 68 | TEXTILES: FLUID TREATING APPARATUS | 1 | 903 |
| Class | 117 | SINGLE-CRYSTAL, ORIENTED-CRYSTAL, AND EPITAXY GROWTH PROCESSES; NON-COATING APPARATUS THEREFOR | ALL | |
| Class | 118 | COATING APPARATUS | ALL | |
| Class | 134 | CLEANING AND LIQUID CONTACT WITH SOLIDS | ALL | |
| Class | 156 | ADHESIVE BONDING AND MISCELLANEOUS CHEMICAL MANUFACTURE | 345.1 912 FOR 000 | 345.55 917 |
| Class | 216 | ETCHING A SUBSTRATE: PROCESSES | ALL | |
| Class | 252 | COMPOSITIONS | 79.1 | 79.5 |
| Class | 422 | CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING | 245.1 | 254 |
| Class | 427 | COATING PROCESSES | ALL | |
| Class | 438 | SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS | 689 704 9 FOR 100 | 698 757 |
| | | | | FOR 134 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|------------------------------------|--|
| Art Unit | | | From | To |
| | 1793 | ----- | ----- | ----- |
| Class | 23 | CHEMISTRY: PHYSICAL PROCESSES | ALL | |
| Class | 51 | ABRASIVE TOOL MAKING PROCESS, MATERIAL, OR COMPOSITION | ALL | |
| Class | 71 | CHEMISTRY: FERTILIZERS | ALL | |
| Class | 75 | SPECIALIZED METALLURGICAL PROCESSES, COMPOSITIONS FOR USE THEREIN, CONSOLIDATED METAL POWDER COMPOSITIONS, AND LOOSE METAL PARTICULATE MIXTURES | ALL | |
| Class | 106 | COMPOSITIONS: COATING OR PLASTIC | ALL | |
| Class | 148 | METAL TREATMENT | 22 95 | 30 910 |
| Class | 149 | EXPLOSIVE AND THERMIC COMPOSITIONS OR CHARGES | ALL | |
| Class | 164 | METAL FOUNDRY | ALL | |
| Class | 222 | DISPENSING | 590 629 | 607 |
| Class | 228 | METAL FUSION BONDING | ALL | |
| Class | 252 | COMPOSITIONS | 301.16 372 70 8.57 950 | 301.6 S 378 R 62.9P Z 951 |
| Class | 266 | METALLURGICAL APPARATUS | ALL | |
| Class | 419 | POWDER METALLURGY PROCESSES | ALL | |
| Class | 420 | ALLOYS OR METALLIC COMPOSITIONS | ALL | |
| Class | 423 | CHEMISTRY OF INORGANIC COMPOUNDS | ALL | |
| Class | 501 | COMPOSITIONS: CERAMIC | ALL | |
| Class | 502 | CATALYST, SOLID SORBENT, OR SUPPORT THEREFOR: PRODUCT OR PROCESS OF MAKING | ALL | |
| Class | 505 | SUPERCONDUCTOR TECHNOLOGY: APPARATUS, MATERIAL, PROCESS | ALL | |
| Class | 588 | HAZARDOUS OR TOXIC WASTE DESTRUCTION OR CONTAINMENT | 1 251 299 | 20 901 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-------------------|----------------|
| | | | From | To |
| Art Unit | 1794 | | | |
| ----- | | | | |
| Class | 426 | FOOD OR EDIBLE MATERIAL: PROCESSES, COMPOSITIONS, AND PRODUCTS | ALL | |
| Class | 428 | STOCK MATERIAL OR MISCELLANEOUS ARTICLES | 1.1 403 | 402 FOR 175 |
| Class | 442 | FABRIC (WOVEN, KNITTED, OR NONWOVEN TEXTILE OR CLOTH, ETC.) | 1 | 417 |
| Class | 503 | RECORD RECEIVER HAVING PLURAL INTERACTIVE LEAVES OR A COLORLESS COLOR FORMER, METHOD OF USE, OR DEVELOPER THEREFOR | FOR 100 200 | FOR 167 227 |
| Art Unit | 1795 | | | |
| ----- | | | | |
| Class | 29 | METAL WORKING | 2 623.1 730 | 623.5 731 |
| Class | 48 | GAS: HEATING AND ILLUMINATING | ALL | |
| Class | 136 | BATTERIES: THERMOELECTRIC AND PHOTOELECTRIC | ALL | |
| Class | 204 | CHEMISTRY: ELECTRICAL AND WAVE ENERGY | 155 FOR 937 | FOR 000 |
| Class | 205 | ELECTROLYSIS: PROCESSES, COMPOSITIONS USED THEREIN, AND METHODS OF PREPARING THE COMPOSITIONS | ALL | |
| Class | 252 | COMPOSITIONS | 299.01 | 299.7 |
| Class | 422 | CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING | 186 903 | 186.3 907 |
| Class | 429 | CHEMISTRY: ELECTRICAL CURRENT PRODUCING APPARATUS, PRODUCT, AND PROCESS | ALL | |
| Class | 430 | RADIATION IMAGERY CHEMISTRY: PROCESS, COMPOSITION, OR PRODUCT THEREOF | ALL | |

Generated by: Data Control Division

| Art Unit | Class | Class Title | Subclass Ranges | |
|----------|-------|--|---|---|
| | | | From | To |
| 1796 | 8 | BLEACHING AND DYEING; FLUID TREATMENT AND CHEMICAL MODIFICATION OF TEXTILES AND FIBERS | 160 94.1 D | FOR 000 142 |
| | 252 | COMPOSITIONS | 1 363.5 380 478 67 71 88.1 960 | 8.05 367.1 407 700 69 79 194 FOR 254 |
| | 260 | CHEMISTRY OF CARBON COMPOUNDS | 998.11 | FOR 000 |
| | 264 | PLASTIC AND NONMETALLIC ARTICLE SHAPING OR TREATING: PROCESSES | 4.1 | 4.7 |
| | 428 | STOCK MATERIAL OR MISCELLANEOUS ARTICLES | 402.2 | 402.24 |
| | 507 | EARTH BORING, WELL TREATING, AND OIL FIELD CHEMISTRY | ALL | |
| | 510 | CLEANING COMPOSITIONS FOR SOLID SURFACES, AUXILIARY COMPOSITIONS THEREFOR, OR PROCESSES OF PREPARING THE COMPOSITIONS | ALL | |
| | 512 | PERFUME COMPOSITIONS | ALL | |
| | 516 | COLLOID SYSTEMS AND WETTING AGENTS; SUBCOMBINATIONS THEREOF; PROCESSES OF MAKING, STABILIZING, BREAKING, OR INHIBITING | ALL | |
| | 520 | SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES | ALL | |
| | 521 | SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES | ALL | |
| | 522 | SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES | ALL | |
| | 523 | SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES | ALL | |
| | 524 | SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES | ALL | |
| | 525 | SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES | 441 7 | FOR 000 439 |
| | 526 | SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES | ALL | |
| | 527 | SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES | ALL | |
| | 528 | SYNTHETIC RESINS OR NATURAL RUBBERS -- PART OF THE CLASS 520 SERIES | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-------------------------------------|--------------------------------|
| Art Unit | | | From | To |
| | 1797 | ----- | ----- | ----- |
| Class | 44 | FUEL AND RELATED COMPOSITIONS | ALL | |
| Class | 55 | GAS SEPARATION | ALL | |
| Class | 95 | GAS SEPARATION: PROCESSES | ALL | |
| Class | 96 | GAS SEPARATION: APPARATUS | ALL | |
| Class | 127 | SUGAR, STARCH, AND CARBOHYDRATES | ALL | |
| Class | 159 | CONCENTRATING EVAPORATORS | ALL | |
| Class | 196 | MINERAL OILS: APPARATUS | ALL | |
| Class | 201 | DISTILLATION: PROCESSES, THERMOLYTIC | ALL | |
| Class | 202 | DISTILLATION: APPARATUS | ALL | |
| Class | 203 | DISTILLATION: PROCESSES, SEPARATORY | ALL | |
| Class | 208 | MINERAL OILS: PROCESSES AND PRODUCTS | 1 | DIG 2 |
| Class | 209 | CLASSIFYING, SEPARATING, AND ASSORTING SOLIDS | 162 | 170 |
| Class | 210 | LIQUID PURIFICATION OR SEPARATION | ALL | |
| Class | 252 | COMPOSITIONS | 408.1 | |
| Class | 261 | GAS AND LIQUID CONTACT APPARATUS | ALL | |
| Class | 366 | AGITATING | ALL | |
| Class | 422 | CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING | 1 187 255 49 908 | 43 244 902 185 948 |
| Class | 435 | CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY | 262 805 817 819 FOR 000 | 309.4 814 |
| Class | 436 | CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL TESTING | 1 900 | 183 FOR 000 |
| Class | 494 | IMPERFORATE BOWL: CENTRIFUGAL SEPARATORS | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|---|--|
| | | | From | To |
| Art Unit | 2111 | ----- | ----- | ----- |
| Class | 710 | ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT | 100 | 317 |
| Art Unit | 2112 | ----- | | |
| Class | 714 | ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY | 746 | 824 |
| Art Unit | 2113 | ----- | | |
| Class | 714 | ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY | 1 E11 | 100 E11.22 |
| Art Unit | 2115 | ----- | | |
| Class | 713 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT | 1 300 FOR 400 | 100 601 |
| Art Unit | 2117 | ----- | | |
| Class | 714 | ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY | 699 | 745 |
| Art Unit | 2121 | ----- | | |
| Class | 700 | DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS | 1 145 265 275 95 FOR 000 | 90 212 306 130 FOR 106 |
| Class | 706 | DATA PROCESSING: ARTIFICIAL INTELLIGENCE | 900 | FOR 131 |
| Art Unit | 2123 | ----- | | |
| Class | 703 | DATA PROCESSING: STRUCTURAL DESIGN, MODELING, SIMULATION, AND EMULATION | 1 13 FOR 488 | 10 28 FOR 806 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|---------------------------|--------------------|
| | | | From | To |
| Art Unit | 2129 | ----- | ----- | ----- |
| Class | 706 | DATA PROCESSING: ARTIFICIAL INTELLIGENCE | 1 | 62 |
| Art Unit | 2131 | ----- | | |
| Class | 713 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT | FOR 000 | |
| Art Unit | 2161 | ----- | | |
| Class | 707 | DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES | 1 | E17.143 |
| Art Unit | 2173 | ----- | | |
| Class | 715 | DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT, OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING | 700 FOR 176 | 978 FOR 208 |
| Art Unit | 2176 | ----- | | |
| Class | 707 | DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES | FOR 000 | |
| Class | 715 | DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT, OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING | 200 FOR 000 FOR 209 | 277 FOR 264 |
| Art Unit | 2182 | ----- | | |
| Class | 710 | ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT | 1 | 74 |
| Art Unit | 2183 | ----- | | |
| Class | 712 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: PROCESSING ARCHITECTURES AND INSTRUCTION PROCESSING (E.G., PROCESSORS) | 1 | E09.086 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-------------------------------------|-------------------------------------|
| | | | From | To |
| Art Unit | 2184 | ----- | ----- | ----- |
| Class | 714 | ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY | FOR 100 | FOR 300 |
| Art Unit | 2189 | ----- | | |
| Class | 711 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MEMORY | ALL | |
| Art Unit | 2192 | ----- | | |
| Class | 717 | DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND MANAGEMENT | 100 | 178 |
| Art Unit | 2193 | ----- | | |
| Class | 708 | ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND CALCULATING | ALL | |
| Class | 717 | DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND MANAGEMENT | FOR 000 | |
| Art Unit | 2194 | ----- | | |
| Class | 719 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: INTERPROGRAM COMMUNICATION OR INTERPROCESS COMMUNICATION (IPC) | ALL | |
| Art Unit | 2195 | ----- | | |
| Class | 718 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: VIRTUAL MACHINE TASK OR PROCESS MANAGEMENT OR TASK MANAGEMENT/CONTROL | ALL | |
| Art Unit | 2416 | ----- | | |
| Class | 370 | MULTIPLEX COMMUNICATIONS | 200 272 293 431 FOR 100 | 253 285 309 916 FOR 197 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-------------------|----------------|
| | | | From | To |
| Art Unit | 2419 | ----- | ----- | ----- |
| Class | 370 | MULTIPLEX COMMUNICATIONS | 254 351 357 | 258 430 |
| Art Unit | 2423 | ----- | | |
| Class | 725 | INTERACTIVE VIDEO DISTRIBUTION SYSTEMS | ALL | |
| Art Unit | 2431 | ----- | | |
| Class | 380 | CRYPTOGRAPHY | ALL | |
| Class | 713 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT | 150 FOR 123 | 194 FOR 125 |
| Class | 726 | INFORMATION SECURITY | ALL | |
| Art Unit | 2441 | ----- | | |
| Class | 709 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTICOMPUTER DATA TRANSFERRING | 200 223 | |
| Art Unit | 2442 | ----- | | |
| Class | 709 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTICOMPUTER DATA TRANSFERRING | 204 248 | 207 250 |
| Art Unit | 2443 | ----- | | |
| Class | 709 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTICOMPUTER DATA TRANSFERRING | 225 230 | 226 237 |
| Art Unit | 2451 | ----- | | |
| Class | 709 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTICOMPUTER DATA TRANSFERRING | FOR 100 | FOR 156 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|--------------------------|-------------------------|
| | | | From | To |
| Art Unit | 2453 | ----- | ----- | ----- |
| Class | 709 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTICOMPUTER DATA TRANSFERRING | 201 | 203 |
| Art Unit | 2454 | ----- | | |
| Class | 709 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTICOMPUTER DATA TRANSFERRING | 208 224 245 251 | 211 247 253 |
| Art Unit | 2455 | ----- | | |
| Class | 709 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTICOMPUTER DATA TRANSFERRING | 217 238 | 219 244 |
| Art Unit | 2457 | ----- | | |
| Class | 709 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTICOMPUTER DATA TRANSFERRING | 212 220 227 | 216 222 229 |
| Art Unit | 2611 | ----- | | |
| Class | 375 | PULSE OR DIGITAL COMMUNICATIONS | 130 241 | 240 FOR 109 |
| Art Unit | 2612 | ----- | | |
| Class | 340 | COMMUNICATIONS: ELECTRICAL | 2.1 286.01 FOR 100 | 14.69 999 FOR 414 |
| Class | 341 | CODED DATA GENERATION OR CONVERSION | 173 20 | 192 35 |
| Class | 348 | TELEVISION | FOR 161 FOR 184 | FOR 162 FOR 212 |
| Class | 367 | COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES | 197 81 93 | 199 85 94 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|---------|
| | | | From | To |
| Art Unit | 2613 | ----- | ----- | ----- |
| Class | 348 | TELEVISION | FOR 000 | FOR 160 |
| Class | 398 | OPTICAL COMMUNICATIONS | ALL | |
| Art Unit | 2614 | ----- | | |
| Class | 348 | TELEVISION | 14.01 | 14.16 |
| Class | 370 | MULTIPLEX COMMUNICATIONS | FOR 163 | FOR 183 |
| | | | 259 | 271 |
| | | | 286 | 292 |
| | | | 352 | 356 |
| Class | 379 | TELEPHONIC COMMUNICATIONS | 1.01 | 52 |
| Class | 381 | ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS AND DEVICES | 67.1 | FOR 197 |
| Class | 700 | DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS | 94 | |
| Art Unit | 2615 | ----- | | |
| Class | 386 | TELEVISION SIGNAL PROCESSING FOR DYNAMIC RECORDING OR REPRODUCING | FOR 000 | |
| Art Unit | 2616 | ----- | | |
| Class | 370 | MULTIPLEX COMMUNICATIONS | FOR 000 | |
| Art Unit | 2617 | ----- | | |
| Class | 370 | MULTIPLEX COMMUNICATIONS | 310 | 350 |
| Class | 455 | TELECOMMUNICATIONS | 400 | 466 |
| | | | 550.1 | 575.9 |
| Art Unit | 2618 | ----- | | |
| Class | 379 | TELEPHONIC COMMUNICATIONS | 55.1 | 56.3 |
| Class | 455 | TELECOMMUNICATIONS | 1 | 355 |
| | | | 500 | 528 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|---------|
| | | | From | To |
| Art Unit | 2621 | ----- | ----- | ----- |
| Class | 348 | TELEVISION | 25 | 172 |
| | | | 384.1 | 440.1 |
| | | | 699 | 702 |
| | | | 818 | 843 |
| Class | 375 | PULSE OR DIGITAL COMMUNICATIONS | 240.01 | 240.29 |
| Class | 382 | IMAGE ANALYSIS | FOR 000 | |
| Class | 386 | TELEVISION SIGNAL PROCESSING FOR DYNAMIC RECORDING OR REPRODUCING | 1 | E09.063 |
| Art Unit | 2622 | ----- | | |
| Class | 348 | TELEVISION | 173 | 383 |
| | | | 21 | 24 |
| | | | 441 | 698 |
| | | | 703 | 817 |
| | | | 844 | E17 |
| Art Unit | 2624 | ----- | | |
| Class | 382 | IMAGE ANALYSIS | 100 | 325 |
| Art Unit | 2625 | ----- | | |
| Class | 358 | FACSIMILE AND STATIC PRESENTATION PROCESSING | ALL | |
| Art Unit | 2626 | ----- | | |
| Class | 704 | DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|----------------|
| | | | From | To |
| Art Unit | 2627 | ----- | ----- | ----- |
| Class | 360 | DYNAMIC MAGNETIC INFORMATION STORAGE OR RETRIEVAL | ALL | |
| Class | 369 | DYNAMIC INFORMATION STORAGE OR RETRIEVAL | 1 FOR 100 | 300 FOR 157 |
| Class | 720 | DYNAMIC OPTICAL INFORMATION STORAGE OR RETRIEVAL | ALL | |
| Class | G9B | INFORMATION STORAGE BASED ON RELATIVE MOVEMENT BETWEEN RECORD CARRIER AND TRANSDUCER | ALL | |
| Art Unit | 2628 | ----- | | |
| Class | 345 | COMPUTER GRAPHICS PROCESSING AND SELECTIVE VISUAL DISPLAY SYSTEMS | 418 947 | 689 FOR 220 |
| Art Unit | 2629 | ----- | | |
| Class | 178 | TELEGRAPHY | ALL | |
| Class | 345 | COMPUTER GRAPHICS PROCESSING AND SELECTIVE VISUAL DISPLAY SYSTEMS | 1.1 690 | 215 905 |
| Art Unit | 2655 | ----- | | |
| Class | 369 | DYNAMIC INFORMATION STORAGE OR RETRIEVAL | FOR 000 | |
| Art Unit | 2681 | ----- | | |
| Class | 455 | TELECOMMUNICATIONS | FOR 000 | |
| Art Unit | 2763 | ----- | | |
| Class | 703 | DATA PROCESSING: STRUCTURAL DESIGN, MODELING, SIMULATION, AND EMULATION | FOR 000 | |
| Art Unit | 2782 | ----- | | |
| Class | 710 | ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT | FOR 000 | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|----------------------------------|---------------------------------------|
| | | | From | To |
| Art Unit | 2783 | ----- | ----- | ----- |
| Class | 712 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: PROCESSING ARCHITECTURES AND INSTRUCTION PROCESSING (E.G., PROCESSORS) | FOR 000 | |
| Art Unit | 2785 | ----- | | |
| Class | 714 | ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY | FOR 000 | |
| Art Unit | 2787 | ----- | | |
| Class | 709 | ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTICOMPUTER DATA TRANSFERRING | FOR 000 | |
| Art Unit | 2811 | ----- | | |
| Class | 257 | ACTIVE SOLID-STATE DEVICES (E.G., TRANSISTORS, SOLID-STATE DIODES) | 2 E21 | 798 E51.052 |
| Art Unit | 2812 | ----- | | |
| Class | 29 | METAL WORKING | 25.01 | 25.03 |
| Class | 438 | SEMICONDUCTOR DEVICE MANUFACTURING: PROCESS | 1 10 699 758 FOR 135 | 8 688 703 FOR 000 FOR 498 |
| Art Unit | 2813 | ----- | | |
| Class | 148 | METAL TREATMENT | 33 DIG 1 | 33.6 FOR 000 |
| Art Unit | 2814 | ----- | | |
| Class | 257 | ACTIVE SOLID-STATE DEVICES (E.G., TRANSISTORS, SOLID-STATE DIODES) | 1 900 FOR 000 | 930 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|----------------------|
| | | | From | To |
| Art Unit | 2816 | ----- | | |
| Class | 327 | MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR DEVICES, CIRCUITS, AND SYSTEMS | ALL | |
| Class | 340 | COMMUNICATIONS: ELECTRICAL | 146.2 | |
| Class | 377 | ELECTRICAL PULSE COUNTERS, PULSE DIVIDERS, OR SHIFT REGISTERS: CIRCUITS AND SYSTEMS | ALL | FOR 000 |
| Art Unit | 2817 | ----- | | |
| Class | 329 | DEMODULATORS | ALL | |
| Class | 330 | AMPLIFIERS | ALL | |
| Class | 331 | OSCILLATORS | ALL | |
| Class | 332 | MODULATORS | ALL | |
| Class | 333 | WAVE TRANSMISSION LINES AND NETWORKS | ALL | |
| Class | 334 | TUNERS | ALL | |
| Art Unit | 2819 | ----- | | |
| Class | 326 | ELECTRONIC DIGITAL LOGIC CIRCUITRY | ALL | |
| Class | 341 | CODED DATA GENERATION OR CONVERSION | 1 200 50 | 17 FOR 000 172 |
| Art Unit | 2821 | ----- | | |
| Class | 315 | ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS | ALL | |
| Class | 343 | COMMUNICATIONS: RADIO WAVE ANTENNAS | ALL | |
| Art Unit | 2825 | ----- | | |
| Class | 716 | DATA PROCESSING: DESIGN AND ANALYSIS OF CIRCUIT OR SEMICONDUCTOR MASK | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|---|--|
| | | | From | To |
| Art Unit | 2827 | ----- | ----- | ----- |
| Class | 174 | ELECTRICITY: CONDUCTORS AND INSULATORS | DIG 20 | |
| Class | 365 | STATIC INFORMATION STORAGE AND RETRIEVAL | ALL | |
| Art Unit | 2828 | ----- | | |
| Class | 372 | COHERENT LIGHT GENERATORS | ALL | |
| Art Unit | 2829 | ----- | | |
| Class | 324 | ELECTRICITY: MEASURING AND TESTING | 140 D 158.1 73.1 750 92 | 142 75 772 132 |
| Art Unit | 2831 | ----- | | |
| Class | 174 | ELECTRICITY: CONDUCTORS AND INSULATORS | 1 126.1 350 DIG 21 FOR 100 | 124.0G C 212 DIG 19 DIG 35 FOR 117 |
| Class | 324 | ELECTRICITY: MEASURING AND TESTING | 133 300 378 438 66 71.1 76.11 | 322 425 727 72.5 91 |
| Class | 361 | ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES | 271 500 | 436 541 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|---------------------------|----------------------|
| | | | From | To |
| Art Unit | 2832 | ----- | ----- | ----- |
| Class | 200 | ELECTRICITY: CIRCUIT MAKERS AND BREAKERS | ALL | |
| Class | 218 | HIGH-VOLTAGE SWITCHES WITH ARC PREVENTING OR EXTINGUISHING DEVICES | ALL | |
| Class | 335 | ELECTRICITY: MAGNETICALLY OPERATED SWITCHES, MAGNETS, AND ELECTROMAGNETS | ALL | |
| Class | 336 | INDUCTOR DEVICES | ALL | |
| Class | 338 | ELECTRICAL RESISTORS | ALL | |
| Art Unit | 2833 | ----- | | |
| Class | 368 | HOROLOGY: TIME MEASURING SYSTEMS OR DEVICES | ALL | |
| Class | 439 | ELECTRICAL CONNECTORS | ALL | |
| Art Unit | 2834 | ----- | | |
| Class | 290 | PRIME-MOVER DYNAMO PLANTS | ALL | |
| Class | 310 | ELECTRICAL GENERATOR OR MOTOR STRUCTURE | ALL | |
| Class | 322 | ELECTRICITY: SINGLE GENERATOR SYSTEMS | ALL | |
| Art Unit | 2835 | ----- | | |
| Class | 337 | ELECTRICITY: ELECTROTHERMALLY OR THERMALLY ACTUATED SWITCHES | ALL | |
| Class | 361 | ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES | 600 FOR 102 | 727 FOR 110 |
| Art Unit | 2836 | ----- | | |
| Class | 307 | ELECTRICAL TRANSMISSION OR INTERCONNECTION SYSTEMS | ALL | |
| Class | 361 | ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES | 1 35 437 FOR 100 | 21 270 FOR 101 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|---------------|-----|---|---------------------------------|---------------------------------|
| | | | From | To |
| Art Unit 2837 | | ----- | | |
| Class | 84 | MUSIC | ALL | |
| Class | 181 | ACOUSTICS | ALL | |
| Class | 187 | ELEVATOR, INDUSTRIAL LIFT TRUCK, OR STATIONARY LIFT FOR VEHICLE | 247 277 316 380 901 | 248 299 317 399 902 |
| Class | 318 | ELECTRICITY: MOTIVE POWER SYSTEMS | ALL | |
| Class | 361 | ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES | 22 | 34 |
| Class | 388 | ELECTRICITY: MOTOR CONTROL SYSTEMS | ALL | |
| Class | 984 | MUSICAL INSTRUMENTS | ALL | |
| Art Unit 2838 | | ----- | | |
| Class | 320 | ELECTRICITY: BATTERY OR CAPACITOR CHARGING OR DISCHARGING | ALL | |
| Class | 323 | ELECTRICITY: POWER SUPPLY OR REGULATION SYSTEMS | ALL | |
| Class | 324 | ELECTRICITY: MEASURING AND TESTING | 426 | 437 |
| Class | 363 | ELECTRIC POWER CONVERSION SYSTEMS | ALL | |
| Art Unit 2841 | | ----- | | |
| Class | 33 | GEOMETRICAL INSTRUMENTS | ALL | |
| Class | 116 | SIGNALS AND INDICATORS | ALL | |
| Class | 174 | ELECTRICITY: CONDUCTORS AND INSULATORS | 125.1 250 FOR 000 | 268 |
| Class | 177 | WEIGHING SCALES | ALL | |
| Class | 361 | ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES | 728 | FOR 000 |
| Class | 968 | HOROLOGY | 2 | 977 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|----------------------------|--------------------------------|
| | | | From | To |
| Art Unit | 2851 | ----- | ----- | ----- |
| Class | 352 | OPTICS: MOTION PICTURES | ALL | |
| Class | 353 | OPTICS: IMAGE PROJECTORS | ALL | |
| Class | 355 | PHOTOCOPYING | ALL | |
| Art Unit | 2852 | ----- | | |
| Class | 399 | ELECTROPHOTOGRAPHY | 1 24 411 | 15 360 FOR 000 |
| Art Unit | 2853 | ----- | | |
| Class | 346 | RECORDERS | ALL | |
| Class | 347 | INCREMENTAL PRINTING OF SYMBOLIC INFORMATION | 1 48 53 900 94 | 20 67 FOR 000 170 |
| Art Unit | 2854 | ----- | | |
| Class | 101 | PRINTING | ALL | |
| Class | 199 | TYPE CASTING | ALL | |
| Class | 270 | SHEET-MATERIAL ASSOCIATING | 1.01 | 22.1 |
| Class | 276 | TYPESETTING | ALL | |
| Class | 399 | ELECTROPHOTOGRAPHY | 16 361 | 23 410 |
| Class | 400 | TYPEWRITING MACHINES | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|---------|
| | | | From | To |
| Art Unit | 2855 | ----- | ----- | ----- |
| Class | 73 | MEASURING AND TESTING | 11.01 | 12.14 |
| | | | 112.01 | 147 |
| | | | 170.01 | 170.34 |
| | | | 178 H | 281 |
| | | | 379.01 | 379.09 |
| | | | 65.01 | 65.09 |
| | | | 700 | 862.69 |
| Class | 374 | THERMAL MEASURING AND TESTING | FOR 106 | FOR 119 |
| | | | 1 | 210 |
| | | | FOR 000 | |
| Art Unit | 2856 | ----- | | |
| Class | 73 | MEASURING AND TESTING | 1.01 | 10 |
| | | | 148 | 169 |
| | | | 172 | |
| | | | 19.01 | 64.56 |
| | | | 290 B | 335.14 |
| | | | 382 G | 672 |
| | | | 66 | 105 |
| | | | 863 | FOR 105 |
| Art Unit | 2857 | ----- | | |
| Class | 702 | DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING | 1 | 32 |
| | | | 106 | 112 |
| | | | 117 | 126 |
| | | | 179 | 199 |
| | | | 57 | 80 |
| | | | FOR 100 | FOR 173 |
| Art Unit | 2859 | ----- | | |
| Class | 374 | THERMAL MEASURING AND TESTING | E01 | E19 |
| Class | 968 | HOROLOGY | FOR 000 | |
| Art Unit | 2861 | ----- | | |
| Class | 347 | INCREMENTAL PRINTING OF SYMBOLIC INFORMATION | 171 | 264 |
| | | | 21 | 47 |
| | | | 49 | 52 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|---------|
| | | | From | To |
| Art Unit | 2862 | ----- | ----- | ----- |
| Class | 324 | ELECTRICITY: MEASURING AND TESTING | 134 | 139 |
| | | | 143 | 157 |
| | | | 160 | 263 |
| | | | 323 | 377 |
| | | | 67 | |
| | | | 800 | FOR 000 |
| Class | 359 | OPTICAL: SYSTEMS AND ELEMENTS | 443 | 461 |
| | | | 591 | 598 |
| | | | 616 | 617 |
| Class | 396 | PHOTOGRAPHY | ALL | |
| Class | 702 | DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING | FOR 000 | |
| Art Unit | 2863 | ----- | | |
| Class | 702 | DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING | 113 | 116 |
| | | | 127 | 178 |
| | | | 33 | 56 |
| | | | 81 | 105 |
| Art Unit | 2871 | ----- | | |
| Class | 349 | LIQUID CRYSTAL CELLS, ELEMENTS AND SYSTEMS | ALL | |
| Art Unit | 2872 | ----- | | |
| Class | 359 | OPTICAL: SYSTEMS AND ELEMENTS | 1 | 236 |
| | | | 350 | 442 |
| | | | 462 | 590 |
| | | | 599 | 615 |
| | | | 831 | 903 |
| Art Unit | 2873 | ----- | | |
| Class | 351 | OPTICS: EYE EXAMINING, VISION TESTING AND CORRECTING | 41 | 247 |
| Class | 359 | OPTICAL: SYSTEMS AND ELEMENTS | 237 | 324 |
| | | | 618 | 830 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|--|--|
| | | | From | To |
| Art Unit | 2874 | ----- | ----- | ----- |
| Class | 359 | OPTICAL: SYSTEMS AND ELEMENTS | 325 | 332 |
| Art Unit | 2875 | ----- | | |
| Class | 362 | ILLUMINATION | ALL | |
| Art Unit | 2876 | ----- | | |
| Class | 235 | REGISTERS | ALL | |
| Class | 902 | ELECTRONIC FUNDS TRANSFER | ALL | |
| Art Unit | 2877 | ----- | | |
| Class | 356 | OPTICS: MEASURING AND TESTING | 140 142 153 2 30 4.09 6 FOR 100 | 151 900 3 139 4.1 27 FOR 142 |
| Art Unit | 2878 | ----- | | |
| Class | 250 | RADIANT ENERGY | 200 548 900 DIG 1 | 239 578.1 908 DIG 2 |
| Art Unit | 2879 | ----- | | |
| Class | 313 | ELECTRIC LAMP AND DISCHARGE DEVICES | ALL | |
| Class | 314 | ELECTRIC LAMP AND DISCHARGE DEVICES: CONSUMABLE ELECTRODES | ALL | |
| Class | 445 | ELECTRIC LAMP OR SPACE DISCHARGE COMPONENT OR DEVICE MANUFACTURING | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---------------------------------------|-----------------|--------|
| | | | From | To |
| Art Unit | 2881 | ----- | ----- | ----- |
| Class | 250 | RADIANT ENERGY | 250 | 251 |
| | | | 281 | 300 |
| | | | 302 | 307 |
| | | | 309 | 326 |
| | | | 396 R | 455.11 |
| | | | 489 | 526 |
| | | | FOR 000 | |
| Art Unit | 2882 | ----- | | |
| Class | 378 | X-RAY OR GAMMA RAY SYSTEMS OR DEVICES | ALL | |
| Art Unit | 2883 | ----- | | |
| Class | 385 | OPTICAL WAVEGUIDES | ALL | |
| Art Unit | 2884 | ----- | | |
| Class | 250 | RADIANT ENERGY | 252.1 | 271 |
| | | | 301 | |
| | | | 308 | |
| | | | 328 | 395 |
| | | | 458.1 | 488.1 |
| | | | 580 | 591 |
| | | | 909 | 910 |
| Art Unit | 2891 | ----- | | |
| Class | 977 | NANOTECHNOLOGY | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|----------|
| | | | From | To |
| Art Unit | 2911 | | | |
| Class | D 1 | EDIBLE PRODUCTS | ALL | |
| Class | D 4 | BRUSHWARE | ALL | |
| Class | D 6 | FURNISHINGS | 354 | 574 |
| Class | D 8 | TOOLS AND HARDWARE | 512 | 13 |
| | | | 2 | 349 |
| | | | 330 | 381 |
| | | | 354 | DIG 10 |
| Class | D10 | MEASURING, TESTING, OR SIGNALLING INSTRUMENTS | DIG 1 | 121 |
| Class | D12 | TRANSPORTATION | 104 | |
| | | | 16.1 | |
| | | | 163 | 166 |
| | | | 168 | 170 |
| | | | 173 | 180 |
| | | | 182 | |
| | | | 184 | 186 |
| | | | 196 | |
| | | | 214 | 216 |
| | | | 218 | |
| | | | 221 | |
| | | | 223 | 345 |
| | | | 402 | |
| | | | 407 | 411 |
| | | | 420 | |
| | | | 82 | 133 |
| Class | D13 | EQUIPMENT FOR PRODUCTION, DISTRIBUTION, OR TRANSFORMATION OF ENERGY | 103 | 109 |
| | | | 119 | 121 |
| | | | 133 | 157 |
| | | | 162.1 | |
| Class | D14 | RECORDING, COMMUNICATION, OR INFORMATION RETRIEVAL EQUIPMENT | 138 C | 138.0A D |
| | | | 260.1 | |
| | | | 300 | 411 |
| | | | 417 | |
| | | | 420 | 461 |
| | | | 480.1 | 480.7 |
| | | | 484.1 | 496 |
| | | | 900 | 902 |
| Class | D18 | PRINTING AND OFFICE MACHINERY | 34.1 | 34.9 |
| | | | 35.1 | |
| Class | D20 | SALES AND ADVERTISING EQUIPMENT | 10 | 99 |
| Class | D23 | ENVIRONMENTAL HEATING AND COOLING; FLUID HANDLING AND SANITARY EQUIPMENT | 200 | 211 |
| | | | 212 | 232 |
| | | | 314 | 499 |

Generated by: Data Control Division

| | | | Subclass Ranges | |
|-------------|------|--|-----------------|------|
| Class Title | | | From | To |
| Art Unit | 2912 | | | |
| Class | D 2 | APPAREL AND HABERDASHERY | 500 | 643 |
| | | | 865 | 895 |
| | | | 971 | 999 |
| Class | D 3 | TRAVEL GOODS AND PERSONAL BELONGINGS | 201 | 202 |
| | | | 204 | |
| | | | 216 | 217 |
| | | | 269 | 270 |
| | | | 272 | 302 |
| | | | 318 | 329 |
| Class | D 6 | FURNISHINGS | 315 | 328 |
| Class | D 7 | EQUIPMENT FOR PREPARING OR SERVING FOOD OR DRINK NOT ELSEWHERE SPECIFIED | 300.2 | |
| | | | 401.1 | |
| | | | 502 | |
| | | | 504 | |
| | | | 508 | |
| | | | 589 | 641 |
| | | | 665 | 697 |
| | | | 700 | 710 |
| Class | D 8 | TOOLS AND HARDWARE | 14 | |
| | | | 21 | 29 |
| | | | 300 | 302 |
| | | | 305 | 329 |
| | | | 31 | 32 |
| | | | 350 | 353 |
| | | | 382 | 499 |
| | | | 44 | 50 |
| | | | 75 | 101 |
| Class | D 9 | PACKAGES AND CONTAINERS FOR GOODS | 414 | 433 |
| | | | 500 | 575 |
| | | | 749 | 907 |
| Class | D10 | MEASURING, TESTING, OR SIGNALLING INSTRUMENTS | 46.1 | 46.3 |
| Class | D11 | JEWELRY, SYMBOLIC INSIGNIA, AND ORNAMENTS | 117 | 142 |
| | | | 157 | 164 |
| | | | 184 | |
| Class | D14 | RECORDING, COMMUNICATION, OR INFORMATION RETRIEVAL EQUIPMENT | 125 | 129 |
| | | | 131 | 135 |
| | | | 160 | 216 |
| | | | 219 | 229 |
| | | | 238.1 | 239 |
| | | | 412 | 416 |
| | | | 418 | 419 |
| | | | 462 | 480 |
| | | | 481 | 484 |
| | | | 497 | 511 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|-------|
| | | | From | To |
| Art Unit | 2913 | | | |
| Class | D 3 | TRAVEL GOODS AND PERSONAL BELONGINGS | 304 | 314 |
| Class | D 5 | TEXTILE OR PAPER YARD GOODS; SHEET MATERIAL | ALL | |
| Class | D 6 | FURNISHINGS | 300 | 314 |
| | | | 329 | 339 |
| | | | 345 | 353 |
| | | | 360 | 511 |
| | | | 575 | 635 |
| Class | D 7 | EQUIPMENT FOR PREPARING OR SERVING FOOD OR DRINK NOT ELSEWHERE SPECIFIED | 213 | 300.1 |
| | | | 301 | 322 |
| | | | 325 | 330 |
| | | | 352 | 361 |
| | | | 376 | 401 |
| | | | 401.2 | |
| | | | 409 | 501 |
| | | | 503 | |
| | | | 505 | 507 |
| | | | 509 | 588 |
| | | | 642 | 664 |
| | | | 698 | 699 |
| | | | 900 | 901 |
| Class | D 8 | TOOLS AND HARDWARE | 1 | |
| | | | 102 | 107 |
| | | | 14.1 | 20 |
| | | | 29.1 | 30 |
| | | | 303 | |
| | | | 33 | 43 |
| | | | 51 | 74 |
| Class | D 9 | PACKAGES AND CONTAINERS FOR GOODS | 434 | 499 |
| Class | D10 | MEASURING, TESTING, OR SIGNALLING INSTRUMENTS | 1 | 46 |
| | | | 122 | 132 |
| | | | 47 | 103 |
| Class | D11 | JEWELRY, SYMBOLIC INSIGNIA, AND ORNAMENTS | 143 | 156 |
| | | | 165 | 183 |
| Class | D12 | TRANSPORTATION | 1 | 16 |
| | | | 17 | 52 |
| | | | 204 | 213 |
| | | | 406 | |
| | | | 412 | 419 |
| | | | 421 | 901 |
| Class | D13 | EQUIPMENT FOR PRODUCTION, DISTRIBUTION, OR TRANSFORMATION OF ENERGY | 100 | 102 |
| | | | 110 | 118 |
| | | | 122 | 132 |
| | | | 158 | 162 |
| | | | 163 | 199 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|-------|
| | | | From | To |
| Art Unit | 2914 | | | |
| Class | D 2 | APPAREL AND HABERDASHERY | 700 | 864 |
| | | | 896 | 970 |
| Class | D 3 | TRAVEL GOODS AND PERSONAL BELONGINGS | 1 | 200 |
| | | | 203.1 | 203.8 |
| | | | 205 | 215 |
| | | | 218 | 268 |
| | | | 271.1 | 271.9 |
| | | | 303 | |
| | | | 315 | 317 |
| | | | 900 | 905 |
| Class | D 6 | FURNISHINGS | 340 | 344 |
| | | | 355 | 359 |
| Class | D 7 | EQUIPMENT FOR PREPARING OR SERVING FOOD OR DRINK NOT ELSEWHERE SPECIFIED | 323 | 324 |
| | | | 331 | 351 |
| | | | 362 | 375 |
| | | | 402 | 408 |
| Class | D 9 | PACKAGES AND CONTAINERS FOR GOODS | 600 | 748 |
| Class | D11 | JEWELRY, SYMBOLIC INSIGNIA, AND ORNAMENTS | 1 | 116 |
| | | | 200 | 241 |
| Class | D12 | TRANSPORTATION | 159 | 162 |
| | | | 167 | |
| | | | 171 | 172 |
| | | | 181 | |
| | | | 183 | |
| | | | 187 | 195 |
| | | | 197 | 203 |
| | | | 217 | |
| | | | 219 | 220 |
| | | | 222 | |
| | | | 400 | 401 |
| | | | 403 | 405 |
| Class | D15 | MACHINES NOT ELSEWHERE SPECIFIED | 6 | 9.3 |
| Class | D18 | PRINTING AND OFFICE MACHINERY | 14 | 33 |
| | | | 35 | |
| | | | 50 | 54 |
| | | | 55 | 99 |
| Class | D22 | ARMS, PYROTECHNICS, HUNTING AND FISHING EQUIPMENT | ALL | |
| Class | D23 | ENVIRONMENTAL HEATING AND COOLING; FLUID HANDLING AND SANITARY EQUIPMENT | 238 | 243 |
| | | | 249 | 258 |
| | | | 270 | 313 |
| Class | D24 | MEDICAL AND LABORATORY EQUIPMENT | 100 | 209 |
| | | | 211 | 234 |
| Class | D25 | BUILDING UNITS AND CONSTRUCTION ELEMENTS | 1 | 101 |
| | | | 119 | 199 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|--|---|
| | | | From | To |
| Art Unit | 3611 | ----- | ----- | ----- |
| Class | 40 | CARD, PICTURE, OR SIGN EXHIBITING | ALL | |
| Class | 180 | MOTOR VEHICLES | 116 182 218 233 36 400 6.2 | 164 207 231 267 40 908 19.3 |
| Class | 280 | LAND VEHICLES | 1 11.201 14.21 200 28.5 3 7 827 900 FOR 100 | 1.5 11.233 14.28 515 32.7 5.32 839 DIG 14 FOR 197 |
| Art Unit | 3612 | ----- | | |
| Class | 293 | VEHICLE FENDERS | ALL | |
| Class | 296 | LAND VEHICLES: BODIES AND TOPS | ALL | |
| Class | 298 | LAND VEHICLES: DUMPING | ALL | |
| Class | 410 | FREIGHT ACCOMMODATION ON FREIGHT CARRIER | ALL | |
| Art Unit | 3614 | ----- | | |
| Class | 124 | MECHANICAL GUNS AND PROJECTORS | 54 | 55 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|----------------|-----------------|--------|
| | | | From | To |
| Art Unit | 3616 | ----- | ----- | ----- |
| ----- | | | | |
| Class | 180 | MOTOR VEHICLES | 20 | 24.13 |
| | | | 208 | 217 |
| | | | 232 | |
| | | | 268 | 290 |
| | | | 311 | 385 |
| | | | 41 | 53.8 |
| | | | 76 | 90.6 |
| | | | FOR 000 | |
| Class | 280 | LAND VEHICLES | 5.5 | 6.16 |
| | | | 676 | 761 |
| | | | 771 | 808 |
| | | | 80.1 | 86.758 |
| | | | 87.1 | 149.2 |

Generated by: Data Control Division

| Art Unit | Class | Class Title | Subclass Ranges | |
|----------|-------|--|--|--|
| | | | From | To |
| 3617 | | | | |
| | 104 | RAILWAYS | ALL | |
| | 105 | RAILWAY ROLLING STOCK | ALL | |
| | 114 | SHIPS | 1 242 26 | 19 382 234 |
| | 152 | RESILIENT TIRES AND WHEELS | 1 170 213 A 323 375 DIG 13 DIG 17 DIG 20 DIG 7 | 112 191 299 329 431 FOR 000 DIG 11 |
| | 191 | ELECTRICITY: TRANSMISSION TO VEHICLES | ALL | |
| | 213 | RAILWAY DRAFT APPLIANCES | ALL | |
| | 238 | RAILWAYS: SURFACE TRACK | ALL | |
| | 246 | RAILWAY SWITCHES AND SIGNALS | ALL | |
| | 258 | RAILWAY MAIL DELIVERY | ALL | |
| | 278 | LAND VEHICLES: ANIMAL DRAFT APPLIANCES | ALL | |
| | 291 | TRACK SANDERS | ALL | |
| | 295 | RAILWAY WHEELS AND AXLES | ALL | |
| | 301 | LAND VEHICLES: WHEELS AND AXLES | ALL | |
| | 305 | WHEEL SUBSTITUTES FOR LAND VEHICLES | ALL | |
| | 440 | MARINE PROPULSION | ALL | |
| | 441 | BUOYS, RAFTS, AND AQUATIC DEVICES | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|---------|
| | | | From | To |
| Art Unit | 3618 | ----- | ----- | ----- |
| Class | 180 | MOTOR VEHICLES | 165 | 181 |
| | | | 2.1 | 2.2 |
| | | | 291 | 310 |
| | | | 54.1 | 69.6 |
| | | | FOR 100 | FOR 101 |
| Class | 280 | LAND VEHICLES | 11.24 | 14.1 |
| | | | 15 | 28.18 |
| | | | 151 | 192 |
| | | | 2 | |
| | | | 33.991 | 79.7 |
| | | | 600 | 659 |
| | | | 7.1 | 11.19 |
| | | | 762 | 770 |
| | | | 809 | 826 |
| | | | 841 | 856 |
| | | | 87.01 | 87.051 |
| Class | 903 | HYBRID ELECTRIC VEHICLES (HEVS) | ALL | |
| Art Unit | 3619 | | | |
| Class | 280 | LAND VEHICLES | FOR 000 | |
| Art Unit | 3621 | | | |
| Class | 705 | DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION | 50 | 79 |
| | | | FOR 000 | FOR 124 |
| Art Unit | 3622 | | | |
| Class | 705 | DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION | 14 | |
| Art Unit | 3623 | | | |
| Class | 705 | DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION | 7 | 12 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|-------------------|
| | | | From | To |
| Art Unit | 3625 | ----- | ----- | ----- |
| Class | 705 | DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION | 26 | 27 |
| Art Unit | 3626 | ----- | | |
| Class | 705 | DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION | 2 | 4 |
| Art Unit | 3627 | ----- | | |
| Class | 705 | DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION | 15 28 | 25 34 |
| Art Unit | 3628 | ----- | | |
| Class | 705 | DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION | 13 400 5 | 418 6 |
| Art Unit | 3629 | ----- | | |
| Class | 705 | DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION | 1 500 | |
| Art Unit | 3632 | ----- | | |
| Class | 248 | SUPPORTS | ALL | |
| Art Unit | 3633 | ----- | | |
| Class | 5 | BEDS | 901 911 | |
| Class | 52 | STATIC STRUCTURES (E.G., BUILDINGS) | 1 900 | 802.11 FOR 172 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|-------|
| | | | From | To |
| Art Unit | 3634 | ----- | ----- | ----- |
| Class | 49 | MOVABLE OR REMOVABLE CLOSURES | ALL | |
| Class | 160 | FLEXIBLE OR PORTABLE CLOSURE, PARTITION, OR PANEL | ALL | |
| Class | 182 | FIRE ESCAPE, LADDER, OR SCAFFOLD | ALL | |
| Art Unit | 3635 | ----- | | |
| Class | 52 | STATIC STRUCTURES (E.G., BUILDINGS) | 831 | 857 |
| Art Unit | 3636 | ----- | | |
| Class | 135 | TENT, CANOPY, UMBRELLA, OR CANE | ALL | |
| Class | 297 | CHAIRS AND SEATS | ALL | |
| Art Unit | 3637 | ----- | | |
| Class | 108 | HORIZONTALLY SUPPORTED PLANAR SURFACES | ALL | |
| Class | 211 | SUPPORTS: RACKS | ALL | |
| Class | 249 | STATIC MOLDS | 1 | 51 |
| | | | 188 | 196 |
| | | | 207 | 219.2 |
| Class | 312 | SUPPORTS: CABINET STRUCTURE | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|------------------------|--------------|
| | | | From | To |
| Art Unit | 3641 | ----- | ----- | ----- |
| Class | 42 | FIREARMS | ALL | |
| Class | 86 | AMMUNITION AND EXPLOSIVE-CHARGE MAKING | ALL | |
| Class | 89 | ORDNANCE | ALL | |
| Class | 102 | AMMUNITION AND EXPLOSIVES | ALL | |
| Class | 111 | PLANTING | ALL | |
| Class | 114 | SHIPS | 20.1 238 FOR 000 | 25 241 |
| Class | 124 | MECHANICAL GUNS AND PROJECTORS | 2 56 | 3 77 |
| Class | 244 | AERONAUTICS AND ASTRONAUTICS | 3.13 | |
| Class | 976 | NUCLEAR TECHNOLOGY | FOR 000 | |
| Art Unit | 3643 | ----- | | |
| Class | 43 | FISHING, TRAPPING, AND VERMIN DESTROYING | ALL | |
| Class | 47 | PLANT HUSBANDRY | ALL | |
| Class | 54 | HARNESS FOR WORKING ANIMAL | ALL | |
| Class | 119 | ANIMAL HUSBANDRY | ALL | |
| Class | 168 | FARRIERY | ALL | |
| Class | 231 | WHIPS AND WHIP APPARATUS | ALL | |
| Class | 449 | BEE CULTURE | ALL | |
| Class | 452 | BUTCHERING | ALL | |
| Art Unit | 3644 | ----- | | |
| Class | 244 | AERONAUTICS AND ASTRONAUTICS | 1 A 3.23 | 3 FOR 114 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|----------------|
| | | | From | To |
| Art Unit | 3651 | ----- | ----- | ----- |
| Class | 193 | CONVEYORS, CHUTES, SKIDS, GUIDES, AND WAYS | ALL | |
| Class | 198 | CONVEYORS: POWER-DRIVEN | ALL | |
| Class | 221 | ARTICLE DISPENSING | 1 | DIG 1 |
| Class | 270 | SHEET-MATERIAL ASSOCIATING | 30.01 | FOR 000 |
| Class | 406 | CONVEYORS: FLUID CURRENT | ALL | |
| Class | 700 | DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS | 213 | 230 |
| Art Unit | 3652 | ----- | | |
| Class | 294 | HANDLING: HAND AND HOIST-LINE IMPLEMENTS | ALL | |
| Class | 414 | MATERIAL OR ARTICLE HANDLING | ALL | |
| Class | 901 | ROBOTS | ALL | |
| Art Unit | 3653 | ----- | | |
| Class | 186 | MERCHANDISING | ALL | |
| Class | 194 | CHECK-ACTUATED CONTROL MECHANISMS | ALL | |
| Class | 209 | CLASSIFYING, SEPARATING, AND ASSORTING SOLIDS | 1 171 | 161 FOR 000 |
| Class | 221 | ARTICLE DISPENSING | FOR 000 | |
| Class | 271 | SHEET FEEDING OR DELIVERING | ALL | |
| Class | 453 | COIN HANDLING | ALL | |
| Class | 700 | DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS | 231 | 244 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|---------------------------------|---------------------------------|
| | | | From | To |
| Art Unit | 3654 | ----- | | |
| Class | 187 | ELEVATOR, INDUSTRIAL LIFT TRUCK, OR STATIONARY LIFT FOR VEHICLE | 200 249 300 318 400 | 246 276 315 379 900 |
| Class | 212 | TRAVERSING HOISTS | FOR 000 ALL | |
| Class | 226 | ADVANCING MATERIAL OF INDETERMINATE LENGTH | ALL | |
| Class | 242 | WINDING, TENSIONING, OR GUIDING | ALL | |
| Class | 254 | IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING OR PULLING FORCE | 199 900 DIG 11 | 417 903 DIG 15 |
| Art Unit | 3655 | ----- | | |
| Class | 74 | MACHINE ELEMENT OR MECHANISM | 318 640 | 379 810.2 |
| Class | 192 | CLUTCHES AND POWER-STOP CONTROL | ALL | |
| Class | 475 | PLANETARY GEAR TRANSMISSION SYSTEMS OR COMPONENTS | ALL | |
| Class | 477 | INTERRELATED POWER DELIVERY CONTROLS, INCLUDING ENGINE CONTROL | ALL | |
| Art Unit | 3656 | ----- | | |
| Class | 74 | MACHINE ELEMENT OR MECHANISM | 1 R 380 813 C | 216.3 625 FOR 106 |
| Class | 185 | MOTORS: SPRING, WEIGHT, OR ANIMAL POWERED | ALL | |
| Class | 384 | BEARINGS | ALL | |
| Class | 476 | FRICTION GEAR TRANSMISSION SYSTEMS OR COMPONENTS | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|---|--|
| | | | From | To |
| Art Unit | 3657 | ----- | ----- | ----- |
| Class | 184 | LUBRICATION | ALL | |
| Class | 188 | BRAKES | 1.11 E | 85 |
| Class | 267 | SPRING DEVICES | ALL | |
| Class | 303 | FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS | ALL | |
| Class | 474 | ENDLESS BELT POWER TRANSMISSION SYSTEMS OR COMPONENTS | ALL | |
| Art Unit | 3661 | ----- | | |
| Class | 700 | DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS | 245 900 | 264 |
| Art Unit | 3662 | ----- | | |
| Class | 244 | AERONAUTICS AND ASTRONAUTICS | 3.1 3.14 | 3.12 3.22 |
| Class | 342 | COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS AND DEVICES (E.G., RADAR, RADIO NAVIGATION) | ALL | |
| Class | 356 | OPTICS: MEASURING AND TESTING | 139.01 141.1 152.1 28 3.01 5.01 901 | 139.1 141.5 152.3 29 4.08 5.15 FOR 000 |
| Class | 367 | COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES | 1 10 87 900 95 FOR 000 | 8 13 92 910 191 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|--------------------------|----------------|
| | | | From | To |
| Art Unit | 3663 | ----- | ----- | ----- |
| Class | 359 | OPTICAL: SYSTEMS AND ELEMENTS | 333 | 349 |
| Class | 367 | COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES | FOR 000 14 86 9 | 80 |
| Class | 376 | INDUCED NUCLEAR REACTIONS: PROCESSES, SYSTEMS, AND ELEMENTS | 911 ALL | 912 |
| Class | 976 | NUCLEAR TECHNOLOGY | DIG 1 | DIG 445 |
| Art Unit | 3664 | ----- | | |
| Class | 701 | DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION | 1 116 | 100 FOR 000 |
| Art Unit | 3671 | ----- | | |
| Class | 14 | BRIDGES | ALL | |
| Class | 37 | EXCAVATING | ALL | |
| Class | 56 | HARVESTERS | ALL | |
| Class | 166 | WELLS | 335 | 368 |
| Class | 171 | UNEARTHING PLANTS OR BURIED OBJECTS | ALL | |
| Class | 172 | EARTH WORKING | ALL | |
| Class | 175 | BORING OR PENETRATING THE EARTH | 5 | 10 |
| Class | 404 | ROAD STRUCTURE, PROCESS, OR APPARATUS | ALL | |
| Class | 460 | CROP THRESHING OR SEPARATING | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|---------|
| | | | From | To |
| Art Unit | 3672 | ----- | ----- | ----- |
| Class | 166 | WELLS | 247 | 250.04 |
| | | | 250.07 | 250.11 |
| | | | 250.13 | |
| | | | 250.15 | 251.1 |
| | | | 252.2 | |
| | | | 252.4 | 252.5 |
| | | | 253.1 | 255.3 |
| | | | 264 | 265 |
| | | | 277 | 278 |
| | | | 284 | |
| | | | 286 | 287 |
| | | | 289 | 290 |
| | | | 296 | 298 |
| | | | 301 | 302 |
| | | | 311 | |
| | | | 313 | 334.4 |
| | | | 369 | 387 |
| | | | 50 | 70 |
| | | | 72 | 245 |
| | | | 901 | FOR 101 |
| Class | 175 | BORING OR PENETRATING THE EARTH | 1 | 4.6 |
| | | | 11 | 62 |
| | | | 72 | FOR 000 |
| Class | 299 | MINING OR IN SITU DISINTEGRATION OF HARD MATERIAL | ALL | |
| Class | 405 | HYDRAULIC AND EARTH ENGINEERING | ALL | |
| Class | 588 | HAZARDOUS OR TOXIC WASTE DESTRUCTION OR CONTAINMENT | 249 | 250 |
| | | | 252 | 261 |
| Art Unit | 3673 | ----- | | |
| Class | 5 | BEDS | 1 | 900 |
| | | | 902 | 910 |
| | | | 913 | FOR 000 |
| Class | 70 | LOCKS | ALL | |
| Class | 109 | SAFES, BANK PROTECTION, OR A RELATED DEVICE | ALL | |
| Class | 249 | STATIC MOLDS | FOR 000 | |
| Class | 292 | CLOSURE FASTENERS | ALL | |
| Class | 588 | HAZARDOUS OR TOXIC WASTE DESTRUCTION OR CONTAINMENT | FOR 000 | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|---------|
| | | | From | To |
| Art Unit | 3676 | ----- | ----- | ----- |
| Class | 166 | WELLS | 246 | |
| | | | 250.05 | 250.06 |
| | | | 250.12 | |
| | | | 250.14 | |
| | | | 252.1 | |
| | | | 252.3 | |
| | | | 252.6 | |
| | | | 256 | 263 |
| | | | 266 | 276 |
| | | | 279 | 283 |
| | | | 285 | |
| | | | 288 | |
| | | | 291 | 295 |
| | | | 299 | 300 |
| | | | 303 | 310 |
| | | | 312 | |
| | | | 400 | 403 |
| | | | 71 | |
| Class | 175 | BORING OR PENETRATING THE EARTH | 64 | 71 |
| Class | 277 | SEAL FOR A JOINT OR JUNCTURE | ALL | |
| Art Unit | 3677 | ----- | | |
| Class | 16 | MISCELLANEOUS HARDWARE (E.G., BUSHING, CARPET FASTENER, CASTER, DOOR CLOSER, PANEL HANGER, ATTACHABLE OR ADJUNCT HANDLE, HINGE, WINDOW SASH BALANCE, ETC.) | ALL | |
| Class | 24 | BUCKLES, BUTTONS, CLASPS, ETC. | ALL | |
| Class | 27 | UNDERTAKING | 1 | 20 |
| | | | 26 | FOR 000 |
| Class | 63 | JEWELRY | ALL | |
| Class | 232 | DEPOSIT AND COLLECTION RECEPTACLES | ALL | |
| Class | 411 | EXPANDED, THREADED, DRIVEN, HEADED, TOOL-DEFORMED, OR LOCKED-THREADED FASTENER | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|-----------------|
| | | | From | To |
| Art Unit | 3679 | ----- | ----- | ----- |
| Class | 256 | FENCES | ALL | |
| Class | 285 | PIPE JOINTS OR COUPLINGS | ALL | |
| Class | 403 | JOINTS AND CONNECTIONS | ALL | |
| Class | 464 | ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND FLEXIBLE COUPLINGS FOR ROTARY SHAFTS | ALL | |
| Art Unit | 3683 | ----- | | |
| Class | 188 | BRAKES | 105 | FOR 000 |
| Art Unit | 3689 | ----- | | |
| Class | 705 | DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION | 80 | |
| Art Unit | 3692 | ----- | | |
| Class | 705 | DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION | 35 | 45 |
| Art Unit | 3711 | ----- | | |
| Class | 124 | MECHANICAL GUNS AND PROJECTORS | 1 4 78 | 53.5 FOR 000 |
| Class | 273 | AMUSEMENT DEVICES: GAMES | ALL | |
| Class | 446 | AMUSEMENT DEVICES: TOYS | 1 | 901 |
| Class | 463 | AMUSEMENT DEVICES: GAMES | 47.1 58 | 47.7 69 |
| Class | 472 | AMUSEMENT DEVICES | ALL | |
| Class | 473 | GAMES USING TANGIBLE PROJECTILE | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-----------------|-------|
| | | | From | To |
| Art Unit | 3714 | ----- | ----- | ----- |
| Class | 446 | AMUSEMENT DEVICES: TOYS | FOR 000 | |
| Class | 463 | AMUSEMENT DEVICES: GAMES | 1 | 47 |
| | | | 48 | 57 |
| Class | 700 | DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS | FOR 000 | |
| | | | 91 | 93 |
| Art Unit | 3715 | ----- | | |
| Class | 434 | EDUCATION AND DEMONSTRATION | ALL | |
| Art Unit | 3721 | ----- | | |
| Class | 53 | PACKAGE MAKING | ALL | |
| Class | 173 | TOOL DRIVING OR IMPACTING | ALL | |
| Class | 227 | ELONGATED-MEMBER-DRIVING APPARATUS | ALL | |
| Class | 493 | MANUFACTURING CONTAINER OR TUBE FROM PAPER; OR OTHER MANUFACTURING FROM A SHEET OR WEB | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|---------|
| | | | From | To |
| Art Unit | 3723 | ----- | ----- | ----- |
| Class | 7 | COMPOUND TOOLS | ALL | |
| Class | 15 | BRUSHING, SCRUBBING, AND GENERAL CLEANING | ALL | |
| Class | 29 | METAL WORKING | 213.1 | 243.517 |
| Class | 81 | TOOLS | 243.53 | 283.5 |
| Class | 81 | TOOLS | ALL | |
| Class | 125 | STONE WORKING | ALL | |
| Class | 157 | WHEELWRIGHT MACHINES | ALL | |
| Class | 254 | IMPLEMENTS OR APPARATUS FOR APPLYING PUSHING OR PULLING FORCE | 1 | 134.7 |
| | | | 418 | 427 |
| | | | DIG 1 | DIG 10 |
| | | | DIG 16 | FOR 000 |
| Class | 269 | WORK HOLDERS | ALL | |
| Class | 300 | BRUSH, BROOM, AND MOP MAKING | ALL | |
| Class | 451 | ABRADING | ALL | |
| Art Unit | 3724 | ----- | | |
| Class | 30 | CUTLERY | ALL | |
| Class | 76 | METAL TOOLS AND IMPLEMENTS, MAKING | ALL | |
| Class | 82 | TURNING | ALL | |
| Class | 83 | CUTTING | ALL | |
| Class | 142 | WOOD TURNING | ALL | |
| Class | 225 | SEVERING BY TEARING OR BREAKING | ALL | |
| Class | 234 | SELECTIVE CUTTING (E.G., PUNCHING) | ALL | |
| Class | 407 | CUTTERS, FOR SHAPING | ALL | |

Generated by: Data Control Division

| Art Unit | Class | Class Title | Subclass Ranges | |
|----------|-------|---|-----------------|---------|
| | | | From | To |
| 3725 | 29 | METAL WORKING | 243.518 | 243.529 |
| | 59 | CHAIN, STAPLE, AND HORSESHOE MAKING | ALL | |
| | 72 | METAL DEFORMING | ALL | |
| | 79 | BUTTON MAKING | ALL | |
| | 100 | PRESSES | ALL | |
| | 140 | WIREWORKING | ALL | |
| | 144 | WOODWORKING | ALL | |
| | 147 | COOPERING | ALL | |
| | 163 | NEEDLE AND PIN MAKING | ALL | |
| | 241 | SOLID MATERIAL COMMUNITION OR DISINTEGRATION | ALL | |
| | 281 | BOOKS, STRIPS, AND LEAVES | ALL | |
| | 283 | PRINTED MATTER | ALL | |
| | 402 | BINDER DEVICE RELEASABLY ENGAGING APERTURE OR NOTCH OF SHEET | ALL | |
| | 412 | BOOKBINDING: PROCESS AND APPARATUS | ALL | |
| | 413 | SHEET METAL CONTAINER MAKING | ALL | |
| | 462 | BOOKS, STRIPS, AND LEAVES FOR MANIFOLDING | ALL | |
| | 470 | THREADED, HEADED FASTENER, OR WASHER MAKING: PROCESS AND APPARATUS | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|---------|
| | | | From | To |
| Art Unit | 3726 | ----- | ----- | ----- |
| Class | 29 | METAL WORKING | 2.1 | 25 |
| | | | 26 A | 91.8 |
| | | | 284 | 592 |
| | | | 650 | 728 |
| | | | 765 | 824 |
| | | | 888 | 890 |
| | | | 890.02 | DIG 105 |
| Class | 279 | CHUCKS OR SOCKETS | ALL | |
| Class | 408 | CUTTING BY USE OF ROTATING AXIALLY MOVING TOOL | ALL | |
| Class | 409 | GEAR CUTTING, MILLING, OR PLANING | ALL | |
| Class | 483 | TOOL CHANGING | ALL | |
| Class | 492 | ROLL OR ROLLER | ALL | |
| Art Unit | 3727 | ----- | | |
| Class | 220 | RECEPTACLES | FOR 131 | FOR 207 |
| Art Unit | 3728 | ----- | | |
| Class | 12 | BOOT AND SHOE MAKING | ALL | |
| Class | 36 | BOOTS, SHOES, AND LEGGINGS | ALL | |
| Class | 206 | SPECIAL RECEPTACLE OR PACKAGE | .5 | 6.1 |
| | | | 14 | 277 |
| | | | 300 | 315.11 |
| | | | 315.9 | 500 |
| | | | 521 | 521.1 |
| | | | 521.2 | 833 |

Generated by: Data Control Division

| | | | Subclass Ranges | |
|-------------|------|---|-----------------|---------|
| Class Title | | | From | To |
| Art Unit | 3729 | | | |
| ----- | | | | |
| Class | 29 | METAL WORKING | 25.35 | 25.42 |
| | | | 592.1 | 623 |
| | | | 729 | |
| | | | 732 | 764 |
| | | | 825 | 887 |
| | | | 890.01 | |
| Class | 206 | SPECIAL RECEPTACLE OR PACKAGE | FOR 000 | |
| | | | FOR 000 | |
| Art Unit | 3731 | | | |
| ----- | | | | |
| Class | 600 | SURGERY | 184 | |
| Class | 606 | SURGERY | 107 | |
| | | | 110 | 128 |
| | | | 131 | 137 |
| | | | 159 | 190 |
| Class | 623 | PROSTHESIS (I.E., ARTIFICIAL BODY MEMBERS), PARTS THEREOF, OR AIDS AND ACCESSORIES THEREFOR | 1.13 | 1.21 |
| | | | 6.12 | |
| Art Unit | 3732 | | | |
| ----- | | | | |
| Class | 132 | TOILET | ALL | |
| Class | 433 | DENTISTRY | ALL | |
| Art Unit | 3733 | | | |
| ----- | | | | |
| Class | 600 | SURGERY | 185 | 249 |
| Class | 606 | SURGERY | 103 | |
| | | | 246 | 279 |
| | | | 53 | 68 |
| | | | 86 A | |
| | | | 900 | 916 |
| | | | FOR 100 | FOR 103 |
| Class | 623 | PROSTHESIS (I.E., ARTIFICIAL BODY MEMBERS), PARTS THEREOF, OR AIDS AND ACCESSORIES THEREFOR | 17.11 | 17.16 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|------|
| | | | From | To |
| ----- | | | | |
| Art Unit | 3734 | | | |
| ----- | | | | |
| Class | 606 | SURGERY | 106 | |
| | | | 108 | 109 |
| | | | 129 | 130 |
| | | | 191 | 212 |
| | | | 234 | 236 |
| Class | 623 | PROSTHESIS (I.E., ARTIFICIAL BODY MEMBERS), PARTS THEREOF, OR AIDS AND ACCESSORIES THEREFOR | 1.11 | 1.12 |
| ----- | | | | |
| Art Unit | 3735 | | | |
| ----- | | | | |
| Class | 128 | SURGERY | 897 | |
| | | | 899 | |
| Class | 351 | OPTICS: EYE EXAMINING, VISION TESTING AND CORRECTING | FOR 000 | |
| Class | 600 | SURGERY | 1 | 15 |
| | | | 19 | 41 |
| | | | 302 | 308 |
| | | | 345 | 371 |
| | | | 481 | 507 |
| | | | 529 | 545 |
| ----- | | | | |
| Art Unit | 3736 | | | |
| ----- | | | | |
| Class | 600 | SURGERY | 398 | 406 |
| | | | 546 | 595 |
| ----- | | | | |
| Art Unit | 3737 | | | |
| ----- | | | | |
| Class | 128 | SURGERY | 915 | 916 |
| | | | 920 | 925 |
| Class | 600 | SURGERY | 407 | 480 |
| Class | 601 | SURGERY: KINESITHERAPY | 2 | 4 |
| ----- | | | | |
| Art Unit | 3738 | | | |
| ----- | | | | |
| Class | 128 | SURGERY | 898 | |
| Class | 623 | PROSTHESIS (I.E., ARTIFICIAL BODY MEMBERS), PARTS THEREOF, OR AIDS AND ACCESSORIES THEREFOR | 1.1 | |
| | | | 1.22 | |
| | | | 1.24 | 2.1 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|---------------|-----|---|-----------------|----------|
| | | | From | To |
| Art Unit 3739 | | ----- | | |
| Class | 600 | SURGERY | 101 | 183 |
| | | | 372 | 397 |
| | | | 920 | FOR 000 |
| Class | 606 | SURGERY | 20 | 52 |
| | | | FOR 000 | |
| Class | 607 | SURGERY: LIGHT, THERMAL, AND ELECTRICAL APPLICATION | 900 | 902 |
| | | | 96 | 114 |
| Art Unit 3741 | | ----- | | |
| Class | 60 | POWER PLANTS | 39.01 | 39.59 |
| | | | 39.64 | 269 |
| | | | 722 | 806 |
| | | | 904 | |
| | | | 909 | |
| | | | 913 | 915 |
| | | | 917 | |
| Class | 123 | INTERNAL-COMBUSTION ENGINES | 1 A | 3 |
| | | | 142.5 E | 142.5 R |
| | | | 184.21 | 184.61 |
| | | | 188.1 | 198.0D C |
| | | | 19 | 42 |
| | | | 311 | 318 |
| | | | 46 A | 89 |
| | | | 522 | 530 |
| | | | 536 | 558 |
| | | | 567 | |
| | | | 572 | 593 |
| | | | 657 | 671 |
| Class | 137 | FLUID HANDLING | 15.1 | |
| | | | 15.2 | |
| Class | 239 | FLUID SPRINKLING, SPRAYING, AND DIFFUSING | 127.1 | 127.3 |
| | | | 265.11 | 265.43 |
| Art Unit 3742 | | ----- | | |
| Class | 99 | FOODS AND BEVERAGES: APPARATUS | ALL | |
| Class | 219 | ELECTRIC HEATING | ALL | |
| Class | 373 | INDUSTRIAL ELECTRIC HEATING FURNACES | ALL | |
| Class | 392 | ELECTRIC RESISTANCE HEATING DEVICES | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|---|---------------------------------------|
| | | | From | To |
| Art Unit | 3743 | ----- | ----- | ----- |
| Class | 34 | DRYING AND GAS OR VAPOR CONTACT WITH SOLIDS | ALL | |
| Class | 110 | FURNACES | ALL | |
| Class | 128 | SURGERY | 900 917 DIG 1 | 914 919 FOR 000 |
| Art Unit | 3744 | ----- | | |
| Class | 62 | REFRIGERATION | ALL | |
| Class | 165 | HEAT EXCHANGE | ALL | |
| Class | 236 | AUTOMATIC TEMPERATURE AND HUMIDITY REGULATION | ALL | |
| Art Unit | 3745 | ----- | | |
| Class | 60 | POWER PLANTS | 325 532 | 494 594 |
| Class | 91 | MOTORS: EXPANSIBLE CHAMBER TYPE | 1 508 | 471 DIG 4 |
| Class | 92 | EXPANSIBLE CHAMBER DEVICES | ALL | |
| Class | 415 | ROTARY KINETIC FLUID MOTORS OR PUMPS | ALL | |
| Class | 416 | FLUID REACTION SURFACES (I.E., IMPELLERS) | ALL | |
| Art Unit | 3746 | ----- | | |
| Class | 60 | POWER PLANTS | 39.6 900 905 910 916 FOR 100 | 39.63 903 908 912 FOR 118 |
| Class | 91 | MOTORS: EXPANSIBLE CHAMBER TYPE | 472 FOR 000 | 507 |
| Class | 417 | PUMPS | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|---------|
| | | | From | To |
| Art Unit | 3747 | ----- | | |
| ----- | | | | |
| Class | 123 | INTERNAL-COMBUSTION ENGINES | 143 A | 184.1 |
| | | | 185.1 | 185.9 |
| | | | 250 | 310 |
| | | | 319 | 521 |
| | | | 531 | 535 |
| | | | 568.11 | 568.32 |
| | | | 594 | 656 |
| | | | 672 | DIG 13 |
| | | | FOR 100 | FOR 128 |
| Class | 701 | DATA PROCESSING: VEHICLES, NAVIGATION, AND RELATIVE LOCATION | 101 | 115 |
| Art Unit | 3748 | ----- | | |
| ----- | | | | |
| Class | 60 | POWER PLANTS | 272 | 324 |
| | | | 495 | 531 |
| | | | 595 | 721 |
| | | | FOR 000 | |
| Class | 123 | INTERNAL-COMBUSTION ENGINES | 18 A | 18 R |
| | | | 200 | 249 |
| | | | 43 A | 45 R |
| | | | 559.1 | 566 |
| | | | 90.1 | 90.67 |
| | | | FOR 000 | |
| Class | 418 | ROTARY EXPANSIBLE CHAMBER DEVICES | ALL | |
| Art Unit | 3749 | ----- | | |
| ----- | | | | |
| Class | 122 | LIQUID HEATERS AND VAPORIZERS | ALL | |
| Class | 126 | STOVES AND FURNACES | ALL | |
| Class | 237 | HEATING SYSTEMS | ALL | |
| Class | 431 | COMBUSTION | ALL | |
| Class | 432 | HEATING | ALL | |
| Class | 454 | VENTILATION | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|-------------------------------|---------------------------|
| | | | From | To |
| Art Unit | 3751 | ----- | ----- | ----- |
| Class | 4 | BATHS, CLOSETS, SINKS, AND SPITTOONS | ALL | |
| Class | 141 | FLUENT MATERIAL HANDLING, WITH RECEIVER OR RECEIVER COACTING MEANS | ALL | |
| Class | 401 | COATING IMPLEMENTS WITH MATERIAL SUPPLY | ALL | |
| Art Unit | 3752 | ----- | | |
| Class | 169 | FIRE EXTINGUISHERS | ALL | |
| Class | 239 | FLUID SPRINKLING, SPRAYING, AND DIFFUSING | 1 128 266 | 127 265 FOR 000 |
| Art Unit | 3753 | ----- | | |
| Class | 137 | FLUID HANDLING | 1 15.11 15.21 | 15.09 15.19 FOR 000 |
| Class | 251 | VALVES AND VALVE ACTUATION | ALL | |
| Art Unit | 3754 | ----- | | |
| Class | 138 | PIPES AND TUBULAR CONDUITS | ALL | |
| Class | 222 | DISPENSING | 1 608 630 | 589 628 FOR 000 |
| Art Unit | 3761 | ----- | | |
| Class | 27 | UNDERTAKING | 21.1 | 25.1 |
| Class | 422 | CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING | 44 | 48 |
| Class | 604 | SURGERY | 1 289 540 904 921 | 18 416 544 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|--|---------------------------------------|--------------------------------|
| | | | From | To |
| Art Unit | 3762 | ----- | ----- | ----- |
| Class | 422 | CHEMICAL APPARATUS AND PROCESS DISINFECTING, DEODORIZING, PRESERVING, OR STERILIZING | FOR 000 | |
| Class | 607 | SURGERY: LIGHT, THERMAL, AND ELECTRICAL APPLICATION | FOR 000 | |
| Art Unit | 3763 | ----- | | |
| Class | 604 | SURGERY | 288.02 57 900 905 FOR 000 | 288.04 168.01 903 920 |
| Art Unit | 3764 | ----- | | |
| Class | 482 | EXERCISE DEVICES | ALL | |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|--------|
| | | | From | To |
| Art Unit | 3765 | | | |
| Class | 2 | APPAREL | ALL | |
| Class | 19 | TEXTILES: FIBER PREPARATION | ALL | |
| Class | 26 | TEXTILES: CLOTH FINISHING | ALL | |
| Class | 28 | TEXTILES: MANUFACTURING | ALL | |
| Class | 38 | TEXTILES: IRONING OR SMOOTHING | ALL | |
| Class | 57 | TEXTILES: SPINNING, TWISTING, AND TWINING | ALL | |
| Class | 66 | TEXTILES: KNITTING | ALL | |
| Class | 69 | LEATHER MANUFACTURES | ALL | |
| Class | 87 | TEXTILES: BRAIDING, NETTING, AND LACE MAKING | ALL | |
| Class | 112 | SEWING | ALL | |
| Class | 139 | TEXTILES: WEAVING | ALL | |
| Class | 223 | APPAREL APPARATUS | ALL | |
| Class | 245 | WIRE FABRICS AND STRUCTURE | ALL | |
| Class | 289 | KNOTS AND KNOT TYING | ALL | |
| Class | 450 | FOUNDATION GARMENTS | ALL | |
| Class | 700 | DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS | 131 | 144 |
| Art Unit | 3766 | | | |
| Class | 600 | SURGERY | 16 | 18 |
| | | | 508 | 528 |
| Class | 607 | SURGERY: LIGHT, THERMAL, AND ELECTRICAL APPLICATION | 1 | 76 |
| | | | 115 | 156 |
| Art Unit | 3767 | | | |
| Class | 604 | SURGERY | 170.01 | 288.01 |
| | | | 19 | 48 |
| | | | 500 | 539 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|-----------------|---------|
| | | | From | To |
| Art Unit | 3768 | ----- | ----- | ----- |
| Class | 600 | SURGERY | 309 | 344 |
| Art Unit | 3769 | ----- | | |
| Class | 600 | SURGERY | 300 | 301 |
| Class | 606 | SURGERY | 1 | 19 |
| Class | 607 | SURGERY: LIGHT, THERMAL, AND ELECTRICAL APPLICATION | 77 | 95 |
| Art Unit | 3771 | ----- | | |
| Class | 128 | SURGERY | 200.11 | 207.29 |
| Class | 601 | SURGERY: KINESITHERAPY | 1 | |
| Class | 606 | SURGERY | 5 | FOR 000 |
| | | | 237 | 245 |
| Art Unit | 3772 | ----- | | |
| Class | 128 | SURGERY | 830 | 894 |
| Class | 602 | SURGERY: SPLINT, BRACE, OR BANDAGE | 95.1 | 126.1 |
| | | | ALL | |
| Art Unit | 3773 | ----- | | |
| Class | 606 | SURGERY | 138 | 158 |
| | | | 213 | 233 |
| Class | 623 | PROSTHESIS (I.E., ARTIFICIAL BODY MEMBERS), PARTS THEREOF, OR AIDS AND ACCESSORIES THEREFOR | 1.23 | |
| | | | 2.11 | |
| | | | 23.72 | |
| | | | 23.74 | |
| Art Unit | 3775 | ----- | | |
| Class | 606 | SURGERY | 104 | 105.5 |
| | | | 280 | 331 |
| | | | 70 | 85 |

Generated by: Data Control Division

| | | Class Title | Subclass Ranges | |
|----------|------|---|------------------------------------|---------------------------|
| | | | From | To |
| Art Unit | 3781 | ----- | ----- | ----- |
| ----- | | | | |
| Class | 150 | PURSES, WALLETS, AND PROTECTIVE COVERS | ALL | |
| Class | 190 | TRUNKS AND HAND-CARRIED LUGGAGE | ALL | |
| Class | 206 | SPECIAL RECEPTACLE OR PACKAGE | 278 315.2 501 521.15 8 | 299 315.8 520 11 |
| Class | 215 | BOTTLES AND JARS | ALL | |
| Class | 217 | WOODEN RECEPTACLES | ALL | |
| Class | 220 | RECEPTACLES | 1.5 | FOR 130 |
| Art Unit | 3782 | ----- | | |
| ----- | | | | |
| Class | 224 | PACKAGE AND ARTICLE CARRIERS | ALL | |
| Class | 229 | ENVELOPES, WRAPPERS, AND PAPERBOARD BOXES | ALL | |
| Class | 383 | FLEXIBLE BAGS | ALL | |

