U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

CLASSIFICATION ORDER 1904

FEBRUARY 1, 2011

PROJECT M-D705

The following classification changes will be effected by this order:

	Class	**Subclass**	**Art Unit**	**Ex'r Search Room**
Abolished:	705	7-11	3623	0S0001
Established:	705	7.11-7.19, 7.21-7.29, 7.31-7.39, 7.41, 7.42	3623	0S0001

The following classes are also impacted by this order:
235, 700, 707, 708, 712, 713, 714, 715, 718

This order includes the following:

A.   CLASSIFICATION MANUAL CHANGES

B.   LISTING OF PRINCIPAL SOURCE OF ESTABLISHED AND DISPOSITION
        OF ABOLISHED SUBCLASSES

C.   CHANGES TO THE USPC-TO-IPC CONCORDANCE

D.   DEFINITION CHANGES AND NEW OR ADDITIONAL DEFINITIONS

CLASSIFICATION ORDER 1904

February1, 2011

PROJECT MD705

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50	**BUSINESS PROCESSING USING CRYPTOGRAPHY**
51	.Usage protection of distributed data files
52	..Usage or charge determination
53	...Including third party for collecting or distributing payment (e.g., clearinghouse)
54	...Adding plural layers of rights or limitations by other than the original producer
55	..Requiring a supplemental attachment or input (e.g., dongle) to open
56	...Specific computer ID (e.g., serial number, configuration, etc.)
57	..Copy protection or prevention
58	...Having origin or program ID
59	..Licensing
60	.Postage metering system
61	..Reloading/recharging
62	..Having printing detail (e.g., verification of mark)
63	.Utility metering system
64	.Secure transaction (e.g., EFT/POS)
65	..Including intelligent token (e.g., electronic purse)
66	...Intelligent token initializing or reloading
67	...Including authentication
68	...Balancing account
69	...Electronic cash detail (e.g., blinded, divisible, or detecting double spending)
70	..Home banking
71	..Including key management
72	..Verifying PIN
73	..Terminal detail (e.g., initializing)
74	..Anonymous user system
75	..Transaction verification
76	..Electronic credential
77	..Including remote charge determination or related payment system
78	...Including third party
79	...Including a payment switch or gateway
80	**ELECTRONIC NEGOTIATION**

1.1	**AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT**
2	.Health care management (e.g., record management, ICDA billing)
3	..Patient record management
4	.Insurance (e.g., computer implemented system or method for writing insurance policy, processing insurance claim, etc.)
5	.Reservation, check-in, or booking display for reserved space
6	..Coordination of plural reservations (e.g., plural trip segments; transportation and accommodation, etc.)
7.11	.Operations research or analysis
7.12	..Resource planning, allocation or scheduling for a business operation
7.13	...Scheduling, planning, or task assignment for a person or group
7.14	....Skill based matching of a person or a group to a task
7.15	....Status monitoring or status determination for a person or group
7.16	....Schedule adjustment for a person or group
7.17	....Staff planning in a project environment
7.18	....Calendar-based scheduling for a person or group
7.19	.....Meeting or appointment
7.21	.....Task assignment
7.22	... Adjustment or analysis of established resource schedule (e.g., resource or task leveling, dynamic rescheduling, etc.)
7.23	...Resource planning in a project environment
7.24	...Calendaring for a resource
7.25	...Needs based resource requirements planning and analysis
7.26	...Sequencing of tasks or work
7.27	..Workflow analysis
7.28	..Risk analysis

14.59	...During computer stand by mode
14.6	...Based upon Internet or website rating
14.61	...Based upon schedule
14.62	...Vehicular advertisement
14.63	....Based on the position of the vehicle
14.64	...Wireless device
14.65	...At POS (i.e., point-of-sale)
14.66	...Based on user profile or attribute
14.67	....Personalized advertisement
14.68	..Period of advertisement exposure
14.69	..Fee for advertisement
14.7	...Split fee
14.71	...Auction
14.72	..Advertisement creation
14.73	..Online advertisement
15	.Restaurant or bar
16	.Including point of sale terminal or electronic cash register
17	..Having interface for record bearing medium or carrier for electronic funds transfer or payment credit
18	..Having security or user identification provision (password entry, etc.)
19	..Tax processing
20	..Price look-up processing (e.g., updating)
21	..Interconnection or interaction of plural electronic cash registers (ECRs) or to host computer (e.g., network detail, transfer of information from host to ECR or from ECR to ECR, etc.)
22	..Inventory monitoring
23	..Input by product or record sensing (weighing, scanner processing)
24	..Specified transaction journal output feature (e.g., printed receipt, voice output, etc.)
25	..Specified keyboard feature
26.1	.Electronic shopping
26.2	..Supply or demand aggregation
26.25	..Regulated
26.3	..Auction
26.35	..Buyer or seller confidence or verification
26.4	..Request for offers or quotes
26.41	..Third party assisted

26.42	...Anonymizing
26.43	...Representative agent
26.44	...Neutral agent
26.5	..Item configuration or customization
26.61	..Item investigation
26.62	...Directed, with specific intent or strategy
26.63	....Using item specifications
26.64	....For generating comparisons
26.7	..Item recommendation
26.8	..List (e.g., purchase order, etc.) compilation or processing
26.81	...Processing of requisition or purchase order
26.82	....Approval
26.9	..Item location
27.1	..Shopping interface
27.2	...Graphical representation of item or shopper
28	.Inventory management
29	..Itemization of parts, supplies, or services (e.g., bill of materials)
30	.Accounting
31	..Tax preparation or submission
32	..Time accounting (time and attendance, monitoring billable hours)
33	..Checkbook balancing, updating or printing arrangement
34	..Bill preparation
35	.Finance (e.g., banking, investment or credit)
36 R	..Portfolio selection, planning or analysis
36 T	...Tax strategies
37	..Trading, matching, or bidding
38	..Credit (risk) processing or loan processing (e.g., mortgage)
39	..Including funds transfer or credit transaction
40	...Bill distribution or payment
41	...Having programming of a portable memory device (e.g., IC card, "electronic purse")
42	...Remote banking (e.g., home banking)
43	....Including Automatic Teller Machine (i.e., ATM)
44	...Requiring authorization or authentication
45	...With paper check handling

300	.Collaborative creation of a product or a service
301	.Workflow collaboration or project management
302	.Product or service warranty
303	.Product recall
304	.Customer service (i.e., after purchase)
305	.Product repair or maintenance administration
306	.Product appraisal
307	.Rental (i.e., leasing)
308	.Product recycling or disposal administration
309	.Alternate dispute resolution
310	.Intellectual property management
311	.Legal service
312	..Estate planning
313	.Real estate
314	..Property management
315	..Land development
316	..Closing
317	.Business or product certification or verification
318	..Product, service, or business identity fraud
319	.Social networking
320	.Human resources
321	..Employment or hiring
322	..Benefits package
323	.Destination assistance within a business structure or complex
324	..Building evacuation
325	.Personal security, identity, or safety
326	.Education administration or guidance
327	..Education institution selection, admissions, or financial aid
328	..Career enhancement or continuing education service
329	.Fundraising management
330	.Shipping
331	..Overseas transaction
332	..Special goods or handling procedure
333	..Tracking
334	..Choice of carrier
335	...Pricing
336	..Relationship between shipper or supplier and a carrier
337	..Carrier internal procedure
338	...Routing method

339	..Central recipient pick-up
340	..Return transaction
341	..Historical data
342	.Business documentation
343	..Service or product manual or catalogue
344	..Publishing content to a subscriber of a service
345	.Employee communication administration
346	.Customer communication at a business location (e.g., providing product or service information, consulting, etc.)
347	.Business establishment or product rating or recommendation
348	.Business modeling
400	**FOR COST/PRICE**
401	.Postage meter system
402	..Special service or fee (e.g., discount, surcharge, adjustment, etc.)
403	..Recharging
404	..Record keeping
405	..Data protection
406	..With specific mail handling means
407	..Including mailed item weight
408	..Specific printing
409	..Rate updating
410	..Specialized function performed
411	...Display controlling
412	.Utility usage
413	.Fluid
414	.Weight
415	..Correcting or compensating
416	..Specific input and output device
417	.Distance (e.g., taximeter)
418	.Time (e.g., parking meter)
500	**MISCELLANEOUS**

CROSS-REFERENCE ART COLLECTIONS

901	**DIGITAL RIGHTS MANAGEMENT**
902	.Licensing digital content
903	..Adding plural layer of rights or limitations by other than the original producer
904	.Usage protection of distributed files

905	..Hardware usage protection
906	..Requiring a supplemental attachment or input (e.g., dongle, etc.) to open
907	...Specific computer ID (e.g., serial number, configuration, etc.)
908	..Software or content usage protection
909	..Usage charge determination
910	...Including third party for collecting or distributing payment (e.g., clearing house, etc.)
911	.Copy protection or prevention
912	..Having origin or program ID

FOREIGN ART COLLECTIONS

FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS**

Any foreign patents or non-patent litera-
ture from subclasses that have been
reclassified have been transferred
directly to FOR Collections listed below.
These Collections contain ONLY foreign
patents or non-patent literature. The par-
enthetical references in the Collection
titles refer to the abolished subclasses
from which these Collections were derived.

APPLICATIONS (364/400)
FOR 100 .For cost/price (364/464.01)
FOR 101 ..Postage meter system (364/464.02)
FOR 102 ...Including mailed item weight (364/464.03)
FOR 103 ..Utility usage (364/464.04)
FOR 104 ..Fluid (364/465)
FOR 105 ..Weight (364/466)
FOR 106 ..Distance or time (e.g., taximeters) (364/467)
ELECTRIC SIGNAL MODIFICATION (E.G., SCRAMBLING) (380/9)
FOR 107 .Distribution or redemption of coupon, or incentive or promotion program (705/14)
AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT (705/1.1)

FOR 108 .Electronic shopping (e.g., remote ordering) (705/26)
FOR 109 ..Presentation of image or description of sales item (e.g., electronic catalog browsing) (705/27)
FOR 110 .Operations research (705/7)
FOR 111 ..Allocating resources or scheduling for an administrative function (705/8)
FOR 112 ...Staff scheduling or task assignment (705/9)
FOR 113 ..Market analysis, demand forecasting or surveying (705/10)
FOR 114 ..Job performance analysis (705/11)
FOR 124 .Cryptographic electronic funds transfer (e.g., automatic teller) (380/24)

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DISPOSITION CLASSIFICATION(S) OF PATENTS
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

Source Classification	Number of ORs	New Classification	Number of ORs
705/7	511	705/7.31	13
705/11	110	705/7.11	2
705/7	511	705/7.21	5
705/8	486	705/7.28	3
705/9	273	705/7.19	17
705/8	486	705/7.11	3
705/10	722	705/7.13	7
705/7	511	705/7.15	10
705/9	273	705/7.11	2
705/8	486	705/7.14	20
705/11	110	705/7.27	3
705/7	511	705/7.38	10
		705/7.11	59
705/10	722	705/7.22	7
705/7	511	705/7.39	4
705/10	722	705/7.42	2
		705/7.28	3
705/8	486	705/7.12	21
705/9	273	705/7.35	1
705/8	486	705/7.37	3
705/10	722	705/7.12	1
705/7	511	705/7.25	5
705/8	486	705/311	2
705/10	722	705/14.1	1
705/7	511	717/117	1
705/10	722	705/26.9	1
		705/26.1	7
		705/26.44	1
		705/28	3
705/8	486	705/26.1	1
		705/7.16	9
		705/7.19	22
		705/7.24	14
705/10	722	705/7.36	3
705/11	110	705/7.21	1
		705/7.38	7
705/9	273	705/7.23	4
		705/7.26	16
		705/7.12	8
		705/7.21	9
705/7	511	705/7.23	8
705/11	110	705/7.35	2
705/9	273	705/7.34	1

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DISPOSITION CLASSIFICATION(S) OF PATENTS
FROM ABOLISHED SUBCLASSES REPORT

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Source Classification	Number of ORs	New Classification	Number of ORs
705/10	722	705/7.35	20
705/11	110	705/7.37	5
705/7	511	705/7.31	1
705/10	722	705/7.41	2
705/8	486	705/7.22	6
705/9	273	705/7.23	1
705/7	511	705/7.34	6
705/10	722	705/7.11	5
705/9	273	705/7.21	1
705/10	722	705/7.22	1
705/9	273	715/769	1
705/10	722	709/223	1
		702/176	1
705/8	486	705/1.1	1
705/10	722	705/5	4
705/7	511	705/304	1
705/10	722	705/26.3	3
705/7	511	705/333	1
705/10	722	705/317	1
705/8	486	705/7.15	12
705/9	273	705/7.18	15
705/8	486	705/7.23	9
705/9	273	705/7.14	35
705/10	722	705/7.32	98
705/11	110	705/7.42	22
		705/7.26	1
705/8	486	705/7.33	2
		705/7.22	44
705/7	511	705/7.42	2
705/10	722	705/7.11	8
705/8	486	705/7.12	68
705/10	722	705/7.26	1
705/7	511	705/7.12	12
705/10	722	705/7.16	3
705/11	110	705/7.17	1
705/8	486	705/7.27	4
705/11	110	705/7.25	3
705/10	722	705/7.15	5
705/8	486	705/7.39	3
705/10	722	705/7.25	5
705/11	110	705/7.11	1
705/7	511	705/7.32	3
705/8	486	705/7.11	2

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DISPOSITION CLASSIFICATION(S) OF PATENTS
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

Source Classification	Number of ORs	New Classification	Number of ORs
705/11	110	705/7.29	2
705/7	511	705/7.29	7
705/9	273	705/7.31	1
		705/7.11	1
705/10	722	705/7.31	37
705/8	486	705/7.17	1
705/7	511	705/7.36	5
		705/7.13	1
705/9	273	705/7.22	2
705/10	722	705/26.2	3
705/8	486	358/1.15	1
705/7	511	705/26.8	2
705/10	722	705/26.43	1
705/7	511	705/321	1
705/8	486	715/204	1
705/7	511	705/26.1	2
		708/514	1
705/8	486	705/2	2
705/10	722	235/51	1
		705/7.27	2
		705/7.38	8
705/9	273	705/7.15	21
705/11	110	705/7.22	1
705/7	511	705/7.29	15
705/9	273	705/7.37	3
705/8	486	705/7.13	37
705/11	110	705/7.13	6
		705/7.15	4
705/9	273	705/7.27	2
705/7	511	705/7.36	16
		705/7.14	14
705/9	273	705/7.22	7
705/10	722	705/7.33	48
705/9	273	705/7.15	3
		705/7.19	2
705/7	511	705/7.22	3
705/10	722	705/7.34	3
705/7	511	705/7.12	3
705/9	273	705/7.16	4
		705/7.26	4
705/11	110	705/7.15	1
705/8	486	704/251	1
705/11	110	705/27.1	1

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DISPOSITION CLASSIFICATION(S) OF PATENTS
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

Source Classification	Number of ORs	New Classification	Number of ORs
705/10	722	434/322	1
		705/14.13	1
705/11	110	434/107	1
705/8	486	705/27.1	2
		705/26.41	1
		705/80	1
		705/404	1
705/10	722	705/80	1
		705/26.4	1
		705/26.7	12
		705/26.8	2
705/7	511	705/14.45	1
705/11	110	705/1	1
705/8	486	705/333	1
705/7	511	705/5	1
705/8	486	705/1	2
705/10	722	705/14.45	2
		705/34	1
		705/14.72	1
705/8	486	705/26.7	1
705/7	511	705/7.19	2
705/8	486	705/7.21	7
705/9	273	705/7.36	2
705/7	511	705/7.32	11
705/9	273	705/7.24	5
705/11	110	705/7.29	4
705/9	273	705/7.31	2
705/10	722	705/7.31	107
705/7	511	705/7.27	17
705/8	486	705/7.37	5
705/7	511	705/7.41	4
705/10	722	705/7.12	2
705/11	110	705/7.39	1
705/7	511	705/7.13	17
		705/7.17	9
705/11	110	705/7.32	1
705/8	486	705/7.23	2
705/9	273	705/7.14	7
705/10	722	705/7.32	12
		705/7.29	39
705/11	110	705/7.38	3
705/7	511	705/7.35	5
705/9	273	705/7.25	3

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PROJECT MD705

DISPOSITION CLASSIFICATION(S) OF PATENTS
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

Source Classification	Number of ORs	New Classification	Number of ORs
705/7	511	705/7.38	6
705/9	273	705/7.12	2
705/7	511	705/7.26	6
705/9	273	705/7.42	2
705/7	511	705/7.17	1
705/10	722	705/7.35	10
		705/1	5
705/7	511	705/32	1
		709/225	1
705/10	722	705/14.19	1
705/11	110	235/382	1
705/8	486	715/772	1
705/10	722	705/4	3
		705/12	1
705/8	486	705/17	1
705/11	110	705/5	1
705/10	722	705/14.4	1
		705/7.24	5
705/7	511	705/7.33	2
705/10	722	705/7.23	2
		705/7.28	18
705/11	110	705/7.24	2
705/10	722	705/7.34	22
705/9	273	705/7.16	21
		705/7.17	8
705/7	511	705/7.24	7
705/9	273	705/7.13	35
705/11	110	705/7.14	11
705/8	486	705/7.29	9
		705/7.15	2
705/10	722	705/7.38	4
705/7	511	705/7.33	4
		705/7.37	3
705/10	722	705/7.13	1
705/8	486	705/7.35	1
		705/7.26	10
		705/7.27	2
705/7	511	705/7.23	4
705/11	110	705/7.39	2
705/10	722	705/7.33	7
705/7	511	705/7.39	5
705/10	722	705/24	1
705/7	511	708/446	1

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DISPOSITION CLASSIFICATION(S) OF PATENTS
FROM ABOLISHED SUBCLASSES REPORT

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Source Classification	Number of ORs	New Classification	Number of ORs
705/10	722	705/14.41	10
705/7	511	705/343	1
705/10	722	705/14.42	2
		705/26.62	1
		705/26.61	1
705/9	273	705/5	2
705/7	511	705/4	2
705/10	722	705/27.2	1
705/7	511	705/38	1
		700/83	1
705/9	273	705/4	1
705/10	722	705/27.1	3
705/11	110	705/2	1
705/7	511	705/1	1
705/8	486	705/7.31	3
705/10	722	705/7.29	83
705/7	511	705/7.18	1
		705/7.34	4
		705/7.22	25
705/8	486	705/7.25	49
705/9	273	705/7.25	4
705/8	486	705/7.17	3
		705/7.18	6
705/7	511	705/7.26	24
705/9	273	705/7.42	1
705/10	722	705/7.17	1
705/8	486	705/7.32	2
705/10	722	705/7.37	6
705/11	110	705/7.31	1
705/8	486	705/7.19	4
		705/7.42	2
705/10	722	705/7.39	4
705/7	511	705/7.15	3
		705/7.28	4
705/8	486	705/7.25	5
705/7	511	705/7.11	38
705/8	486	705/7.38	1
705/7	511	717/121	1
705/8	486	705/26.8	1
705/11	110	705/32	1
705/10	722	704/7	1
		705/14.43	5
705/7	511	705/2	1

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DISPOSITION CLASSIFICATION(S) OF PATENTS
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

Source Classification	Number of ORs	New Classification	Number of ORs
705/10	722	717/172	1
705/9	273	705/2	2
705/11	110	705/18	1
705/10	722	705/35	1
		705/7.25	26
705/7	511	705/7.37	21
705/8	486	705/7.42	4
705/10	722	705/7.39	2
705/7	511	705/7.16	5
705/11	110	705/7.16	1
705/7	511	705/7.28	22
		705/7.35	4
705/8	486	705/7.36	2
		705/7.26	64
705/11	110	705/7.41	3
705/7	511	705/7.25	21
705/9	273	705/7.39	1
		705/7.18	4
705/10	722	705/7.36	2
		705/7.23	1
705/8	486	705/7.13	3
705/7	511	705/7.27	6
		705/7.41	1
705/9	273	705/7.13	13
705/7	511	705/7.14	1
705/8	486	705/7.29	3
705/10	722	725/35	1
705/7	511	709/205	1
		705/27.1	1
705/10	722	705/50	2
		705/14.53	1
		705/71	1
705/8	486	701/19	1
705/7	511	715/204	1
		705/26.3	4
705/10	722	705/14.49	4

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PROJECT MD705

SOURCE CLASSIFICATION(S) OF PATENTS
IN NEWLY ESTABLISHED SUBCLASSES REPORT

Generated by Data Control Division

New Classification	Number of ORs	Source Classification	Number of ORs
235/382	1	705/11	110
235/51	1	705/10	722
358/1.15	1	705/8	486
434/107	1	705/11	110
434/322	1	705/10	722
700/83	1	705/7	511
701/19	1	705/8	486
702/176	1	705/10	722
704/251	1	705/8	486
704/7	1	705/10	722
705/1	1	705/11	110
	1	705/7	511
	2	705/8	486
	5	705/10	722
705/1.1	1	705/8	486
705/12	1	705/10	722
705/14.1	1	705/10	722
705/14.13	1	705/10	722
705/14.19	1	705/10	722
705/14.4	1	705/10	722
705/14.41	10	705/10	722
705/14.42	2	705/10	722
705/14.43	5	705/10	722
705/14.45	1	705/7	511
	2	705/10	722
705/14.49	4	705/10	722
705/14.53	1	705/10	722
705/14.72	1	705/10	722
705/17	1	705/8	486
705/18	1	705/11	110
705/2	1	705/11	110
	1	705/7	511
	2	705/8	486
	2	705/9	273
705/24	1	705/10	722
705/26.1	1	705/8	486
	2	705/7	511
	7	705/10	722
705/26.2	3	705/10	722
705/26.3	3	705/10	722
	4	705/7	511
705/26.4	1	705/10	722
705/26.41	1	705/8	486

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PROJECT MD705

SOURCE CLASSIFICATION(S) OF PATENTS
IN NEWLY ESTABLISHED SUBCLASSES REPORT

Generated by Data Control Division

New Classification	Number of ORs	Source Classification	Number of ORs
705/26.43	1	705/10	722
705/26.44	1	705/10	722
705/26.61	1	705/10	722
705/26.62	1	705/10	722
705/26.7	1	705/8	486
	12	705/10	722
705/26.8	1	705/8	486
	2	705/10	722
	2	705/7	511
705/26.9	1	705/10	722
705/27.1	1	705/11	110
	1	705/7	511
	2	705/8	486
	3	705/10	722
705/27.2	1	705/10	722
705/28	3	705/10	722
705/304	1	705/7	511
705/311	2	705/8	486
705/317	1	705/10	722
705/32	1	705/11	110
	1	705/7	511
705/321	1	705/7	511
705/333	1	705/7	511
	1	705/8	486
705/34	1	705/10	722
705/343	1	705/7	511
705/35	1	705/10	722
705/38	1	705/7	511
705/4	1	705/9	273
	2	705/7	511
	3	705/10	722
705/404	1	705/8	486
705/5	1	705/11	110
	1	705/7	511
	2	705/9	273
	4	705/10	722
705/50	2	705/10	722
705/7.11	1	705/11	110
	1	705/9	273
	2	705/11	110
	2	705/8	486
	2	705/9	273
	3	705/8	486

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PROJECT MD705

SOURCE CLASSIFICATION(S) OF PATENTS
IN NEWLY ESTABLISHED SUBCLASSES REPORT

Generated by Data Control Division

New Classification	Number of ORs	Source Classification	Number of ORs
	5	705/10	722
	8	705/10	722
	38	705/7	511
	59	705/7	511
705/7.12	1	705/10	722
	2	705/10	722
	2	705/9	273
	3	705/7	511
	8	705/9	273
	12	705/7	511
	21	705/8	486
	68	705/8	486
705/7.13	1	705/10	722
	1	705/7	511
	3	705/8	486
	6	705/11	110
	7	705/10	722
	13	705/9	273
	17	705/7	511
	35	705/9	273
	37	705/8	486
705/7.14	1	705/7	511
	7	705/9	273
	11	705/11	110
	14	705/7	511
	20	705/8	486
	35	705/9	273
705/7.15	1	705/11	110
	2	705/8	486
	3	705/7	511
	3	705/9	273
	4	705/11	110
	5	705/10	722
	10	705/7	511
	12	705/8	486
	21	705/9	273
705/7.16	1	705/11	110
	3	705/10	722
	4	705/9	273
	5	705/7	511
	9	705/8	486
	21	705/9	273
705/7.17	1	705/10	722

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PROJECT MD705

SOURCE CLASSIFICATION(S) OF PATENTS
IN NEWLY ESTABLISHED SUBCLASSES REPORT

Generated by Data Control Division

New Classification	Number of ORs	Source Classification	Number of ORs
	1	705/11	110
	1	705/7	511
	1	705/8	486
	3	705/8	486
	8	705/9	273
	9	705/7	511
705/7.18	1	705/7	511
	4	705/9	273
	6	705/8	486
	15	705/9	273
705/7.19	2	705/7	511
	2	705/9	273
	4	705/8	486
	17	705/9	273
	22	705/8	486
705/7.21	1	705/11	110
	1	705/9	273
	5	705/7	511
	7	705/8	486
	9	705/9	273
705/7.22	1	705/10	722
	1	705/11	110
	2	705/9	273
	3	705/7	511
	6	705/8	486
	7	705/10	722
	7	705/9	273
	25	705/7	511
	44	705/8	486
705/7.23	1	705/10	722
	1	705/9	273
	2	705/10	722
	2	705/8	486
	4	705/7	511
	4	705/9	273
	8	705/7	511
	9	705/8	486
705/7.24	2	705/11	110
	5	705/10	722
	5	705/9	273
	7	705/7	511
	14	705/8	486
705/7.25	3	705/11	110

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PROJECT MD705

SOURCE CLASSIFICATION(S) OF PATENTS
IN NEWLY ESTABLISHED SUBCLASSES REPORT

Generated by Data Control Division

New Classification	Number of ORs	Source Classification	Number of ORs
	3	705/9	273
	4	705/9	273
	5	705/10	722
	5	705/7	511
	5	705/8	486
	21	705/7	511
	26	705/10	722
	49	705/8	486
705/7.26	1	705/10	722
	1	705/11	110
	4	705/9	273
	6	705/7	511
	10	705/8	486
	16	705/9	273
	24	705/7	511
	64	705/8	486
705/7.27	2	705/10	722
	2	705/8	486
	2	705/9	273
	2	705/9	273
	3	705/11	110
	4	705/8	486
	6	705/7	511
	17	705/7	511
705/7.28	3	705/10	722
	3	705/8	486
	4	705/7	511
	18	705/10	722
	22	705/7	511
705/7.29	2	705/11	110
	3	705/8	486
	4	705/11	110
	7	705/7	511
	9	705/8	486
	15	705/7	511
	39	705/10	722
	83	705/10	722
705/7.31	1	705/11	110
	1	705/7	511
	1	705/9	273
	2	705/9	273
	3	705/8	486
	13	705/7	511

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PROJECT MD705

SOURCE CLASSIFICATION(S) OF PATENTS
IN NEWLY ESTABLISHED SUBCLASSES REPORT

Generated by Data Control Division

New Classification	Number of ORs	Source Classification	Number of ORs
	37	705/10	722
	107	705/10	722
705/7.32	1	705/11	110
	2	705/8	486
	3	705/7	511
	11	705/7	511
	12	705/10	722
	98	705/10	722
705/7.33	2	705/7	511
	2	705/8	486
	4	705/7	511
	7	705/10	722
	48	705/10	722
705/7.34	1	705/9	273
	3	705/10	722
	4	705/7	511
	6	705/7	511
	22	705/10	722
705/7.35	1	705/8	486
	1	705/9	273
	2	705/11	110
	4	705/7	511
	5	705/7	511
	10	705/10	722
	20	705/10	722
705/7.36	2	705/10	722
	2	705/8	486
	2	705/9	273
	3	705/10	722
	5	705/7	511
	16	705/7	511
705/7.37	3	705/7	511
	3	705/8	486
	3	705/9	273
	5	705/11	110
	5	705/8	486
	6	705/10	722
	6	705/10	722
	21	705/7	511
705/7.38	1	705/8	486
	3	705/11	110
	4	705/10	722
	6	705/7	511

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PROJECT MD705

SOURCE CLASSIFICATION(S) OF PATENTS
IN NEWLY ESTABLISHED SUBCLASSES REPORT

Generated by Data Control Division

New Classification	Number of ORs	Source Classification	Number of ORs
	7	705/11	110
	8	705/10	722
	10	705/7	511
705/7.39	1	705/11	110
	1	705/9	273
	2	705/10	722
	2	705/11	110
	3	705/8	486
	4	705/10	722
	4	705/7	511
	5	705/7	511
705/7.41	1	705/7	511
	2	705/10	722
	3	705/11	110
	4	705/7	511
705/7.42	1	705/9	273
	2	705/10	722
	2	705/7	511
	2	705/7	511
	2	705/8	486
	2	705/9	273
	4	705/8	486
	22	705/11	110
	22	705/11	110
705/71	1	705/10	722
705/80	1	705/10	722
	1	705/8	486
708/446	1	705/7	511
708/514	1	705/7	511
709/205	1	705/7	511
709/223	1	705/10	722
709/225	1	705/7	511
715/204	1	705/7	511
	1	705/8	486
715/769	1	705/9	273
715/772	1	705/8	486
717/117	1	705/7	511
717/121	1	705/7	511
717/172	1	705/10	722
725/35	1	705/10	722

C.   CHANGES TO THE USPC-TO-IPC CONCORDANCE

USPC		IPC	
Class	Subclass	Subclass	Notation
705	7.11-7.27	G06Q	10/00
	7.28		10/00, 40/00
	7.29-7.35		10/00, 30/00
	7.36-7.37		10/00
	7.37		10/00, 10/40
	7.38-7.42		10/00

D. CHANGES TO THE DEFINITIONS

CLASS 235 – REGISTERS

Defintions Modified:

Subclass 376: Under SEE OR SEARCH CLASS:

    <u>Delete:</u>

        The reference to Class 705

    <u>Insert:</u>

        705,   Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 7.11 through 7.42 for subject matter having significant data processing.

D. CHANGES TO THE DEFINITIONS

CLASS 700 – DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC
APPLICATIONS

Definitions Modified:

Subclass 2:   Under SEE OR SEARCH CLASS:

    Delete:

        The reference to Class 705

    Insert:

        705,   Data Processing: Financial, Business Practice, Management, or
              Cost/Price Determination, subclasses 7.11 through 7.42 for operations
              research in a business environment and subclass 412 for cost/price
              determination for utility usage.

Subclass 99:   Under SEE OR SEARCH CLASS:

    Delete:

        The reference to Class 705

    Insert:

        705,   Data Processing: Financial, Business Practice, Management, or
              Cost/Price Determination, subclasses 7.12 through 7.26 for allocation
              of resources or scheduling an administrative function by an automated
              business or management system.

Subclass 286:   Under SEE OR SEARCH CLASS:

    Delete:

        The reference to Class 705

D. CHANGES TO THE DEFINITIONS

CLASS 705 - DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION

Definitions Abolished:

Subclasses: 7-11

Defintions Modified:

Subclass 32: Under SEE OR SEARCH THIS CLASS, SUBCLASS:

    Delete:

        The reference to subclass 11

    Insert:

        7.42,   for job performance analysis, computing quantities additional to attendance (e.g., productivity, etc.).

Definitions Established:

7.11   Operations Research or Analysis:
This subclass is indented under subclass 1. Subject matter drawn to a computerized arrangement for applying systematic or scientific analysis, evaluation, or other problem solving technique to the operation(s) of an enterprise to understand the operation(s), improve effectiveness, and guide decision-making or management; or to the planning, organizing, directing, or controlling of an enterprise (i.e., a group of one or more people or entities) for the purpose of accomplishing a goal.

(1)   Note. This subject matter is applied to problems that concern understanding, conducting, coordinating or optimizing the operations or activities within an enterprise.

(2)   Note. The operations and activities of the organization are business level operations and activities and are not specifically network or computer operations related.

SEE OR SEARCH THIS CLASS, SUBCLASS:

348,   for business models and charts or workflow with no analysis.

14.13,   for analysis of discount or incentive effectiveness.

14.41,   for analysis of advertisement effectiveness.

32,   for time accounting of employees or customers, i.e., the tabulation of attendance or timed presence of employees or patrons.

SEE OR SEARCH CLASS:

235,   Registers, subclass 376 for record sensing devices in combination with systems utilized for operations analysis.

702,   Data Processing: Measuring, Calibrating, or Testing, subclasses 176 through 188 for data processing and calculating measurements and evaluations of operational conditions, performance, time periods, and quantities.

703,   Data Processing: Structural Design, Modeling, Simulation, and Emulation, subclasses 2 and 13 for methods and systems that perform data processing using mathematical expressions associated with a physical process or using models that represent the performance of an electronic system.

718,   Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management Control, appropriate subclasses for subject matter that is specifically network or computer operations related and is not related to the activities that are the business operations of an organization.

OTHER CLASSIFICATION SYSTEMS:

DERWENT T01-J05A2,   for administration and management tools including management, resource allocation, business, education, government, marketing and law; also includes decision support, MIS, stock control, and workflow

7.12   Resource planning, allocation or scheduling for a business operation:
This subclass is indented under subclass 7.11. Subject matter drawn to a computerized arrangement for planning or assigning of resources in an optimal or systemic-way in order to achieve a business goal, or drawn to the management or planning of a business task or operation.

(1)   Note. This subclass includes planning, allocating, distributing, or scheduling resources among various projects or business units in a business or commercial environment based on analysis of operations of the enterprise.

SEE OR SEARCH THIS CLASS, SUBCLASS:

2,   for medical facility management or usage.

28,   for establishing, maintaining, or updating the enterprise resource of inventory.

330,   for arranging for the delivery of goods between parties or monitoring the status of delivery

SEE OR SEARCH CLASS:

368,   Horology: Time Measuring Systems or Devices, appropriate subclasses for a timing arrangement of general utility

700,   Data Processing: Generic Control Systems or Specific Applications, subclasses 95 through 212 for subject matter combined with a step of or structure for resource allocation, product manufacture, or parts assembly.

709,   Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring, subclasses 223, 224 and 226 for observing the operating characteristics or conditions of computers connected in a network or of the network itself and apportioning resources to these computers or networks.

718,   Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/ Control, subclasses 1 and 100-105 for machine tasks, process management, administrating job execution, or scheduling multiple tasks based upon priority, resource availability and time constraints in a digital data processing system.

7.13   Scheduling, planning, or task assignment for a person or group:
This subclass is indented under subclass 7.12. Subject matter drawn to a computerized arrangement for the scheduling or assigning of tasks to an individual or group, the scheduling or assigning based on analysis of factors such as the needs or requirements of the enterprise, the task and the individual or groups qualifications or availability, schedules of individuals or groups, or the goal of a specific task.

(1)   Note. The designation of an individual may be either by name or other designation, e.g., position, etc.

(2)   Note. The individual or group may be either internal or external to the organization, such as a current employee, job candidate, or contractor.

SEE OR SEARCH THIS CLASS, SUBCLASS:

320,   for the administration or management of the hiring process.

SEE OR SEARCH CLASS:

379,   Telephonic Communications, subclasses 265.01 through 266.1 for the assignment of calls to an agent, matching agents to jobs or calls based on job or call requirements and agent skill, and determining the number of agents needed to meet customer demand.

715,   Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing, subclasses 700, 751, 753, and 963 for operator interfaces where displays are used to join groups of users to complete tasks and link collaborative sites and displays which are used to calendar or schedule tasks to times or dates.

717,   Data Processing: Software Development, Installation, and Management, subclasses 101 through 130 for planning, organizing, staffing, directing, and controlling a software development project.

7.14   Skill based matching of a person or a group to a task:
This subclass is indented under subclass 7.13. Subject matter drawn to a computerized arrangement for optimally matching an individual or group to a job based on factors such as the individual's or groups' qualification(s) and the requirement(s) defined by the particular type of work.

SEE OR SEARCH THIS CLASS, SUBCLASS:

320,   for the administration or management of the hiring process

7.42,   for performance analysis of an employee.

7.15   Status monitoring or status determination for a person or group:
This subclass is indented under subclass 7.13. Subject matter drawn to a computerized arrangement for the monitoring or tracking of work performed or assigned to an individual or group to provide an indication of work that is in queue to be started, work in-progress, or work that is completed.

7.16   **Schedule adjustment for a person or group:**
This subclass is indented under subclass 7.13. Subject matter drawn to a computerized arrangement for reassessing an established staff task schedule to ensure that the schedule is still valid, and then, optionally rescheduling a task to an available individual or group, in order to improve efficiency, accommodate employees, or achieve a business goal or objective.

    (1)   Note. This area includes subject matter where evaluation of whether or not a change to the initial task schedule is needed, even if no change is claimed or the result of the evaluation is that no change is needed.

    (2)   Note. This area includes staff driven adjustment or reassignment of a shift or work schedule, such as by way of staff trading or swapping of shifts or other means

7.17   **Staff planning in a project environment:**
This subclass is indented under subclass 7.13. Subject matter drawn to a computerized arrangement for scheduling, assigning roles, tasks or responsibilities, or the sequence of tasks executed by a team or a team member with respect to a unified managed undertaking.

    (1)   Note. For classification herein, this subclass requires a process, method, system, apparatus, program, etc., that is associated with a project, e.g., establishing of goals, deliverables, roles, calendar schedules or considered constraints, such as cost or time, etc.

SEE OR SEARCH THIS CLASS, SUBCLASS:

7.23,   for resource (i.e., money or equipment) planning in a project environment.

301,   for routing or approving or projects between workforce units or for project management with no research or analysis.

7.18   **Calendar-based scheduling for a person or group:**
This subclass is indented under subclass 7.13. Subject matter drawn to a computerized arrangement for the creation or maintenance of a list or schedule of planned events or activities giving dates and details which is used by an individual or group for planning or assigning a time and optionally a place for meetings, appointments or tasks.

    (1)   Note. Calendar based systems that allow the client or the business entity to schedule appointments in a place of business, are classified herein.

SEE OR SEARCH THIS CLASS, SUBCLASS:

5,   for computerized record keeping for reservations, check-in, or booking of space in advance.

7.16,   for staff rescheduling.

330,   for arranging for the delivery of goods between parties or monitoring the status of delivery.

7.19   **Meeting or appointment:**
This subclass is indented under subclass 7.18. Subject matter drawn to a computerized calendar-based operation used by an individual or group for determining availability, planning or assigning a time and optionally a place for meetings.

    (1)   Note. Calendar based personal computer devices that have means to schedule a meeting, such as processor based time management system, without an associated business application, are classified herein.

7.21   **Task assignment:**
This subclass is indented under subclass 7.18. Subject matter drawn to a computerized calendar-based operation used by an individual or group for determining the availability of a person or group for a task, or for assigning a time or a place for a task.

7.22   **Adjustment or analysis of established resource schedule (e.g., resource or task leveling, dynamic rescheduling, etc.):**
This subclass is indented under 7.12. Subject matter drawn to a computerized arrangement for reassessment of the established asset utilization plan or schedule to insure the plan is still optimal or valid and then to optionally reschedule or reassign asset usage in order to improve efficiency, or achieve a business goal or objective, accomplished by techniques such as resource or task leveling or dynamic rescheduling.

    (1)   Note. This area includes applications where evaluation of whether or not a change to the initial schedule is needed, even if no change is claimed or the result of the evaluation is that no change is needed.

    (2)   Note. The reassessment may be based on consideration of factors such as cost, failure, or maintenance in order to optimally reschedule or plan resource utilization through workload balancing, leveling or other means.

7.23   **Resource planning in a project environment:**
This subclass is indented under subclass 7.12. Subject matter drawn to a computerized arrangement for organizing or allocating resources, such as time, equipment, or money, within a defined scope or constraints in order to meet an objective associated with a unified managed undertaking.

    (1)   Note. For classification herein, this subclass requires a process, method, system, apparatus, program, etc., that is associated with a project, e.g., establishing of goals, deliverables, roles, calendar schedules or considered constraints, such as cost or time, etc.

SEE OR SEARCH THIS CLASS, SUBCLASS:

7.17,   for staff planning in a project environment.

301,   for routing or approving or projects between workforce units or for project management with no research and analysis.

7.24   **Calendaring for a resource:**
This subclass is indented under subclass 7.12. Subject matter drawn to a computerized arrangement for a calendar-based means which facilitates time planning associated with business resources, operations, production planning, or other administrative activities.

SEE OR SEARCH THIS CLASS, SUBCLASS:

7.22,   for rescheduling associated with resources.

7.18,   for calendar based systems for scheduling a person or group to related tasks, meetings, etc.

5,   for computerized record keeping for reservations, check-in, or booking of space in advance

330,   for arranging for the delivery of goods between parties or monitoring the status of delivery

7.25   Needs based resource requirements planning and analysis:
This subclass is indented under subclass 7.12. Subject matter drawn to a computerized arrangement for the evaluation or determination of resources required by the organization to satisfy an internal or market driven need.

(1)   Note. Market driven demand herein includes planning associated with consumer demand that require various resources of a business to meet the consumer order demand, such as supply chain operations involving inventory planning or order planning, which may include planning for anticipated future orders.

(2)   Note. Market research or market demand prediction which does not also involve resource planning or resource adjustment is classified elsewhere.

SEE OR SEARCH THIS CLASS, SUBCLASS:

7.29,   for market data gathering, analysis, or modeling.

7.31,   for market prediction or demand forecasting.

7.26   Sequencing of tasks or work:
This subclass is indented under subclass7.12. Subject matter drawn to a computerized means for planning or governing the order of steps for completing a task, for planning or governing the order of plural tasks performed by the resources of a business, or for using problem solving techniques like network analysis (e.g., shortest path, minimum spanning trees, maximum flow problems, precedence graphs, job dispatch prioritization, minimum cost flow problems, etc.) to determine the most optimal sequence or ordering of entities or resources .

(1)   Note. Classified herein are systems that control workflow, automated systems that process tasks or that display instructions directing the order of task execution, or a template with a series of required fields for execution of the task.

SEE OR SEARCH THIS CLASS, SUBCLASS:

7.13,   for task assignment to a person or group.

301,   for routing or approval of work between workforce units.

338,   for determining routing of goods in an existing delivery system or to identify the appropriate delivery route.

348,   for business modeling with minimal research or analysis.

SEE OR SEARCH CLASS:

707,   Data Processing: Database and File Management or Data Structures, subclass 1 for database or file accessing.

709,   Electrical Computer and Digital Processing Systems: Multicomputer Data Transferring, subclasses 242 and 243 for multi-computer data transferring.

715,   Data processing: Presentation Processing of Document, Operator interface processing , and Screen Saver Display Processing, subclass 705 for help presentation to a user.

718,   Electrical Computers and Digital Processing Systems: Virtual Machine Task or Process Management or Task Management/Control, subclass 100 for task management and for means or steps for administering processor or job execution in a digital processing environment.

7.27   Workflow analysis:
This subclass is indented under subclass 7.11. Subject matter drawn to a computerized arrangement for evaluation of a model or other abstract representation of real work in order to understand or optimize a work process.

SEE OR SEARCH THIS CLASS, SUBCLASS:

301,   for routing or approval of work between workforce units

348,   business models or charts with no operational analysis.

7.28   Risk analysis:
This subclass is indented under subclass 7.11. Subject matter drawn to a computerized arrangement for applying techniques to identify and analyze or assess factors that may adversely effect the success of a business undertaking or the achievement of a business goal.

(1)   Note. This subject matter includes identifying preventive measures to reduce the probability of these factors occurring or identifying countermeasures to successfully minimize possible negative effects on a business or an entity.

(2)   Note. Evaluation of risk factors with respect to credit, loan, or other financial matter are not classified herein.

SEE OR SEARCH THIS CLASS, SUBCLASS:

4,   for risk associated with insurance

38,   for credit or other financial risk

7.29   Market data gathering, market analysis or market modeling:
This subclass is indented under subclass 7.11. Subject matter drawn to a computerized arrangement for collecting, organizing or analyzing data concerning a market in order to understand or predict the impact of market factors on the operation or activity of the enterprise.

(1)   Note. This subclass includes formulating strategies or representations related to the market, which are used for analysis and planning.

(2)   Note. Market data can include various factors, trends, or relationships reflecting customer behavior, competitor behavior, market influences, or market activity.

(3)   Note. A market factor is a feature or characteristic in a market that is related to the demand for a product or service, e.g., number of households, etc.).

(4)   Note. A market is an environment where products and services are offered for sale to a group of potential consumers, and includes the parties of potential consumer, sellers, producers, or competitors.

(5)   Note. Subject matter herein may include market data collection or the routing of market research data by (1) data mining; (2) monitoring transmitted communications; or (3) accessing data from stored databases or other sources.

(6)   Note. Analysis of coupon, incentive, or ad campaign effectiveness, per se, is classified in Class 705 subclass 14.13 or subclass 14.41.

SEE OR SEARCH THE CLASS, SUBCLASS:

7.12,   for market research related to resource optimization or planning

7.25,   for market demand data, such as order data used to plan resource allocation to meet the demand.

14.13,   for analysis of discount or incentive effectiveness.

14.41,   for analysis of advertisement effectiveness.

26,   for inspection, selection, or purchase of items, using technology-based commerce.

35,   for financial markets and trading.

400,   for determining charges for goods or services.

SEE OR SEARCH CLASS, SUBCLASS:

707,   Data Processing: Database and File Management or Data Structure, subclasses 100 and 104.1 for the general collection of data into a database schema or structure for applying database schemas or data structures to commercial and scientific fields.

715,   Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing, subclass 963 for an operator interface directed to commercial tasks like marketing or sales activity.

7.31   Market prediction or demand forecasting:
This subclass is indented under subclass 7.29. Subject matter drawn to a computerized arrangement for the processing of market data in order to (1) forecast the future demand and the size of the market for a product or service; (2) use market data to predict a value for a product or service or (3) predict the impact of market factors on the operation or activity of the enterprise.

SEE OR SEARCH THIS CLASS, SUBCLASS:

35,   for predicting stock prices and financial portfolios (e.g., stock market, transaction fraud, banking, investment, and credit analysis, etc.).

400,   for calculating price, cost, or charges

SEE OR SEARCH CLASS:

700,   Data Processing: Generic Control Systems or Specific Applications, subclass 291 for energy consumption or demand prediction or estimation of power or distribution systems

7.32   Market survey or market poll:
This subclass is indented under subclass 7.29. Subject matter drawn to a computerized arrangement for collecting or analyzing data elicited from a participant or user (e.g., a questionnaire, etc.).

7.33   Market segmentation:
This subclass is indented under subclass 7.29. Subject matter drawn to a computerized arrangement for analysis of the market, based on a breakdown of that market into homogeneous groups (e.g., by demographic, geographic, psychographic, or behavioral characteristics, etc.).

7.34   Location or geographical consideration:
This subclass is indented under subclass 7.33. Subject matter drawn to a computerized arrangement for analysis of a market based on regional factors.

(1)   Note. This subclass includes formulating strategies related to the market factors specific to a geographical location or plural geographical locations, such as analysis of customer buying habits relative to location, geographical factors considered relative to a planned business location, geographical factor relative to product or service offerings in a particular business location or the need for sales representatives coverage in a geographic region.

7.35   Price or cost determination based on market factor:
This subclass is indented under subclass 7.29. Subject matter drawn to a computerized arrangement for analyzing market data which influence demand for a product or service in order to determine how to value a product or service.

SEE OR SEARCH THIS CLASS, SUBCLASS:

400,   for data processing or calculating computer that is designed for or utilized to calculate price, cost, or charges

7.36   Strategic management and analysis:
This subclass is indented under subclass 7.11. Subject matter drawn to a computerized arrangement for providing overall direction to a business by (1) developing a business mission, vision, or objective , (2) formulating a planned course of action based on a business mission, vision, or objective, or (3) evaluating or reevaluating whether the developed mission, vision, or objective or planned course of action was effective, produced a desired outcome, or needs to be modified.

SEE OR SEARCH THIS CLASS, SUBCLASS:

301,   for routing or approval of work between workforce units.

348,   for business models or charts with no operational analysis.

7.37   Prediction of business process outcome or impact based on a proposed change:
This subclass is indented under subclass 7.36. Subject matter drawn to a computerized arrangement for forecasting how a business will perform under potential scenarios.

including identifying an outcome or impact of a proposed change or estimating what changes are needed to accomplish desired goal(s) or outcome(s), including techniques like change impact analysis or return on investment.

(1)   Note. This subclass includes subject matter where analysis occurs, even when no of current or proposed plans, processes or practices are implemented in the operation of an enterprise.

SEE OR SEARCH THIS CLASS, SUBCLASS:

400,   for calculating price, cost, or charges.

7.38   Performance analysis:
This subclass is indented under subclass7.11. Subject matter drawn to a computerized arrangement which evaluates the efficiency, productivity, or performance of an employee or other entity employed by an enterprise, or an organizational operation.

(1)   Note. The efficiency, productivity, or job performance of the employee or other entity occurs within the enterprise and thus explicitly or implicitly impacts the operations of that enterprise.

(2)   Note. The evaluations may include recommendations for performance improvement.

SEE OR SEARCH THIS CLASS, SUBCLASS:

317,   for business certification or verification of status of an entity's qualifications of a business requirement

320,   for the administration or management of the hiring process.

347,   for ranking or collecting reviews regarding business entities.

SEE OR SEARCH CLASS:

379,   Telephonic Communications, subclass 265.06 for monitoring the performance of an agent.

700,   Data Processing: Generic Control Systems or Specific Applications, subclass 111 for data processing systems that analyze statistical information based on employee performance or manufacturing area.

702,   Data Processing: Measuring, Calibrating, or Testing, subclass 182 for means for monitoring or determining the performance or effectiveness of an operation of a process or device.

703,   Data Processing: Structural Design, Modeling, Simulation, and Emulation, subclasses 6 and 13 for methods and systems that measure the performance of a system or device through modeling.

7.39   Scorecarding, benchmarking, or key performance indicator analysis:
This subclass is indented under subclass 7.38. Subject matter drawn to a computerized arrangement for (1) comparing business performance with a known standard of excellence, or (2) analysis of an operational activity of a company, in order to establish a performance standard or to determine if actual performance is aligned with the goals or objectives of the business.

SEE OR SEARCH THIS CLASS, SUBCLASS:

7.29,   for market research used in scorecarding, benchmarking, or key performance indicator analysis.

7.41   Quality analysis or management:
This subclass is indented under subclass 7.38. Subject matter drawn to a computerized arrangement for applying systematic and scientific evaluation related to standards set or required for various business practices, operations, processes, incoming materials, products or services.

(1)   Note. This subject matter may include analysis of test data from suppliers, internal incoming inspection, in-line test, final test data or other data associated with analysis of business operation standards, and may also include determination of corrective actions.

SEE OR SEARCH THIS CLASS, SUBCLASS:

7.29,   for market data gathering or analysis, for quality analysis of post product sale or service data, such as post sale product and component performance data, field failures, product or service data collected from customer.

347,   for ranking or collecting reviews regarding business entities or the products or the services of business entities

SEE OR SEARCH CLASS:

702,   Data Processing: Measuring, Calibrating, or Testing, subclass 81, for gathering data, usually on a manufacturing or assembly line, to determine the quality of a product.

OTHER CLASSIFICATION SYSTEMS:

ECLA GO6F 15/46,   for optimization and quality control during production

7.42   Performance of employee with respect to a job function
This subclass is indented under subclass 7.38. Subject matter drawn to a computerized arrangement for evaluating individual or group performance with respect to an assigned job or task.

(1)   Note. This area includes applications that include evaluations such as end of year reviews.

SEE OR SEARCH THIS CLASS, SUBCLASS:

32,   for a data processing system limited to determining time or attendance.

320,   for record keeping with respect to employees.

FOREIGN ART COLLECTIONS

FOR 110   Operations research (705/7):
This foreign art collection is indented under unnumbered placeholder 705/1.1. Foreign art collection drawn to a computerized arrangement for the systematic and scientific

analysis and evaluation of a the operation of an organization or the programmed scheduling of an organization.

FOR 111   Allocating resources or scheduling for an administrative function (705/8):
This foreign art collection is indented under FOR 110. Foreign art collection for the distribution of resources or for scheduling in a business or commercial environment.

FOR 112   Staff scheduling or task assignment (705/9):
This foreign art collection is indented under FOR 111. Foreign art collection for scheduling of or assigning a tasks to an individual or group.

    (1)   Note. The designation of an individual may be either by name or other designation, e.g., position.

FOR 113   Market analysis, demand forecasting or surveying (705/10):
This foreign art collection is indented under FOR 110. Foreign art collection including processing of market data in order to predict future demand of a product or service.

    (1)   Note. Use of a data processing arrangement in surveying or polling in order to obtain data is included in this subclass

FOR 114   Job performance analysis (705/11):
This foreign art collection is indented under FOR 110. Foreign art collection which evaluates the efficiency or productivity of an employee or other entity employed by an organization.

D.   CHANGES TO THE DEFINITIONS

CLASS 707 – DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES

Definitions Modified:

Subclass 608:   Under SEE OR SEARCH CLASS:

     Delete:

        The reference to Class 705

CLASS 708 – ELECTRICAL COMPUTERS: ARITHMETIC PROCESSING AND
CALCULATING

Definitions Modified:

Subclass 803:   Under SEE OR SEARCH CLASS:

    Delete:

    The reference to Class 705

    Insert:

        705,   Data Processing: Financial, Business Practice, Management, or
               Cost/Price Determination, subclasses 7.11 through 7.42 for operations
               research processing.

CLASS 712 – ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: PROCESSING ARCHITECTURES AND INSTRUCTION PROCESSING (E.G., PROCESSORS)

Definitions Modified:

Class Definition: Under SEE OR SEARCH CLASS:

Delete:

The reference to Class 705

Insert:

705,   Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, particularly subclasses 5+ for reservation, check-in, and booking for reserving space, subclasses 7.13 through 7.26 for scheduling and allocating resources for administrative functions, and subclasses 64 through 79 for a cryptographically protected EFT transaction.

Subclass 216: Under SEE OR SEARCH CLASS:

Delete:

The reference to Class 705

Insert:

705,   Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, particularly subclasses 5+ for reservation, check-in, and booking for reserving space, subclasses 7.13 through 7.26 for scheduling and allocating resources for administrative functions in a business environment.

CLASS 713 – ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: SUPPORT

Definitions Modified:

Subclass 400: Under SEE OR SEARCH CLASS:

Delete:

The reference to Class 705

Insert:

705,   Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 7.11 through 7.42 for operations research per se including systems directed to generalized linear programming problem solving and cost function analysis, resource allocating in business transaction processing and scheduling of interrelated processes.

CLASS 714 – ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY

Definitions Modified:

Subclass 47.1: Under SEE OR SEARCH CLASS:

    Delete:

        The reference to Class 705

    Insert:

        705,   Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 7.11 through 7.42 for operations research.

CLASS 715– DATA PROCESSING:PRESENTATION PROCESSING OF DOCUMENT,
            OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY
            PROCESSING

Definitions Modified:

Subclass 963: Under SEE OR SEARCH CLASS:

>   Delete:

>   The reference to Class 705

>   Insert:

>   705,   Data Processing: Financial, Business Practice, Management, or
>   Cost/Price Determination, subclasses 7.13 through 7.26 for automated
>   scheduling related to operations research in a business environment.

CLASS 718– ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
         SYSTEMS:VIRTUAL MACHINE TASK OR PROCESS MANAGEMENT OR
         TASK MANAGEMENT/CONTROL

Definitions Modified:

Subclass 101: Under SEE OR SEARCH CLASS:

    Delete:

         The reference to Class 705

    Insert:

         705,   Data Processing: Financial, Business Practice, Management, or
                 Cost/Price Determination, subclasses 7.11 through 7.42 for operations
                 research, per se, including systems directed to generalized linear
                 programming problem solving and cost function analysis, resource
                 allocating in business transaction processing and scheduling of
                 interrelated processes.