

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

CLASSIFICATION ORDER 1892

FEBRUARY 2, 2010

PROJECT M-B705

**The following classification changes will be effected by this order:**

	<u>Class</u>	<u>Subclass</u>	<u>Art Unit</u>	<u>Ex'r Search Room</u>
<b>Abolished:</b>	705	1	3629	OS0001
<b>Established:</b>	705	1.1, 300-348	3629	OS0001
Cross-Reference Art Collections:		901-912	3629	OS0001

**The following classes are also impacted by this order:**

235, 380, 434, 463, 700, 715, 717, 725, 902

**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 1892

FEBRUARY 2, 2010

PROJECT M-B705

Project Leader(s): Joe Falk

Examiner(s): Traci Casler

Editor(s): Mildred Chisholm

Publications Specialist(s): Louise Bogans

50	<b>BUSINESS PROCESSING USING CRYPTOGRAPHY</b>	1.1	<b>AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT</b>
51	.Usage protection of distributed data files	2	.Health care management (e.g., record management, ICDA billing)
52	..Usage or charge determination	3	..Patient record management
53	...Including third party for collecting or distributing payment (e.g., clearinghouse)	4	.Insurance (e.g., computer implemented system or method for writing insurance policy, processing insurance claim, etc.)
54	...Adding plural layers of rights or limitations by other than the original producer	5	.Reservation, check-in, or booking display for reserved space
55	..Requiring a supplemental attachment or input (e.g., dongle) to open	6	..Coordination of plural reservations (e.g., plural trip segments; transportation and accommodation, etc.)
56	...Specific computer ID (e.g., serial number, configuration, etc.)	7	.Operations research
57	..Copy protection or prevention	8	..Allocating resources or scheduling for an administrative function
58	..Having origin or program ID	9	...Staff scheduling or task assignment
59	..Licensing	10	..Market analysis, demand forecasting or surveying
60	.Postage metering system	11	..Job performance analysis
61	..Reloading/recharging	12	.Voting or election arrangement
62	..Having printing detail (e.g., verification of mark)	13	.Transportation facility access (e.g., fare, toll, parking)
63	.Utility metering system	14.1	.Discount or incentive (e.g., coupon, rebate, offer, upsale, etc.)
64	.Secure transaction (e.g., EFT/POS)	14.11	..Trade or exchange of a good or service for an incentive
65	..Including intelligent token (e.g., electronic purse)	14.12	..Incentive awarded or redeemed in connection with the playing of a video game
66	...Intelligent token initializing or reloading	14.13	..Determining discount or incentive effectiveness
67	...Including authentication	14.14	..Chance discount or incentive
68	...Balancing account	14.15	..Consumer transaction fee
69	...Electronic cash detail (e.g., blinded, divisible, or detecting double spending)	14.16	..Referral award system
70	..Home banking	14.17	..Including financial account
71	..Including key management	14.18	...Investment account
72	..Verifying PIN	14.19	..Giving input on a product or service or expressing a customer desire in exchange for an incentive or reward
73	..Terminal detail (e.g., initializing)	14.2	...Based on score
74	..Anonymous user system	14.21	..Based on funds or budget
75	..Transaction verification	14.22	..Re-usable coupon
76	..Electronic credential		
77	..Including remote charge determination or related payment system		
78	...Including third party		
79	...Including a payment switch or gateway		
80	<b>ELECTRONIC NEGOTIATION</b>		

14.23	..During E-commerce (i.e., online transaction)	14.54	....User search
14.24	..Based on inventory	14.55	...User requested
14.25	..Based on user history	14.56	....Registration
14.26	..Avoiding fraud	14.57	...Based on store location
14.27	..Frequent usage incentive system (e.g., frequent flyer miles program, point system, etc.)	14.58	...Based on user location
14.28	...Frequent usage incentive value reconciliation between diverse systems	14.59	...During computer stand by mode
14.29	....On-line clearing house	14.6	...Based upon Internet or website rating
14.3	..Multi-merchant loyalty card system	14.61	...Based upon schedule
14.31	...Awarding of a frequent usage incentive independent of the monetary value of a good or service purchased, or distance traveled	14.62	...Vehicular advertisement
14.32	...Frequent usage reward other than merchandise, cash, or travel	14.63	....Based on the position of the vehicle
14.33	..Method of redeeming a frequent usage reward	14.64	...Wireless device
14.34	..Rebate after completed purchase (i.e., post transaction award)	14.65	...At POS (i.e., point-of-sale)
14.35	..Including timing (i.e., limited awarding or usage time constraint)	14.66	...Based on user profile or attribute
14.36	..Incentive or reward received by requiring registration or ID from user	14.67	....Personalized advertisement
14.37	..At kiosk	14.68	..Period of advertisement exposure
14.38	..At POS (i.e., point-of-sale)	14.69	..Fee for advertisement
14.39	..Online discount or incentive	14.7	...Split fee
14.4	..Advertisement	14.71	...Auction
14.41	..Determination of advertisement effectiveness	14.72	..Advertisement creation
14.42	...Comparative campaigns	14.73	..Online advertisement
14.43	...Optimization	15	..Restaurant or bar
14.44	...Survey	16	..Including point of sale terminal or electronic cash register
14.45	...Traffic	17	..Having interface for record bearing medium or carrier for electronic funds transfer or payment credit
14.46	..Calculate past, present, or future revenue	18	..Having security or user identification provision (password entry, etc.)
14.47	..Avoiding fraud	19	..Tax processing
14.48	..Based upon budget or funds	20	..Price look-up processing (e.g., updating)
14.49	..Targeted advertisement	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.)
14.5	...Based on event or environment (e.g., weather, festival, etc.)	22	..Inventory monitoring
14.51	...During E-commerce (i.e., online transaction)	23	..Input by product or record sensing (weighing, scanner processing)
14.52	...Based on statistics	24	..Specified transaction journal output feature (e.g., printed receipt, voice output, etc.)
14.53	...Based on user history	25	..Specified keyboard feature
		26	..Electronic shopping (e.g., remote ordering)

27	..Presentation of image or description of sales item (e.g., electronic catalog browsing)	312	..Estate planning
		313	.Real estate
		314	..Property management
		315	..Land development
28	.Inventory management	316	..Closing
29	..Itemization of parts, supplies, or services (e.g., bill of materials)	317	.Business or product certification or verification
		318	..Product, service, or business identity fraud
30	.Accounting		
31	..Tax preparation or submission	319	.Social networking
32	..Time accounting (time and attendance, monitoring billable hours)	320	.Human resources
		321	..Employment or hiring
		322	..Benefits package
33	..Checkbook balancing, updating or printing arrangement	323	.Destination assistance within a business structure or complex
34	..Bill preparation	324	..Building evacuation
35	.Finance (e.g., banking, investment or credit)	325	.Personal security, identity, or safety
36 R	..Portfolio selection, planning or analysis	326	.Education administration or guidance
36 T	...Tax strategies	327	..Education institution selection, admissions, or financial aid
37	..Trading, matching, or bidding		
38	..Credit (risk) processing or loan processing (e.g., mortgage)	328	..Career enhancement or continuing education service
39	..Including funds transfer or credit transaction	329	.Fundraising management
40	...Bill distribution or payment	330	.Shipping
41	...Having programming of a portable memory device (e.g., IC card, "electronic purse")	331	..Overseas transaction
		332	..Special goods or handling procedure
42	..Remote banking (e.g., home banking)	333	..Tracking
		334	..Choice of carrier
		335	...Pricing
43	...Including Automatic Teller Machine (i.e., ATM)	336	..Relationship between shipper or supplier and a carrier
44	..Requiring authorization or authentication	337	..Carrier internal procedure
		338	...Routing method
45	...With paper check handling	339	..Central recipient pick-up
300	.Collaborative creation of a product or a service	340	..Return transaction
		341	..Historical data
301	.Workflow collaboration or project management	342	.Business documentation
		343	..Service or product manual or catalogue
302	.Product or service warranty		
303	.Product recall	344	..Publishing content to a subscriber of a service
304	.Customer service (i.e., after purchase)	345	.Employee communication administration
305	.Product repair or maintenance administration	346	.Customer communication at a business location (e.g., providing product or service information, consulting, etc.)
306	.Product appraisal		
307	.Rental (i.e., leasing)	347	.Business establishment or product rating or recommendation
308	.Product recycling or disposal administration		
309	.Alternate dispute resolution	348	.Business modeling
310	.Intellectual property management		
311	.Legal service		

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 literature 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 parenthetical 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)  
 FOR 107 .Distribution or redemption of  
     coupon, or incentive or  
     promotion program (705/14)  
**ELECTRIC SIGNAL MODIFICATION  
 (E.G., SCRAMBLING) (380/9)**  
 FOR 124 .Cryptographic electronic funds  
     transfer (e.g., automatic  
     teller) (380/24)

FEBRUARY 3, 2010

PROJECT M-B705

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

Generated by Data Control Division

<u>New Classification</u>	<u>Number of ORs</u>	<u>Source Classification</u>	<u>Number of ORs</u>
705/1.1	2	705/1.1	2
	57	705/1	738
	681	705/1	738

FEBRUARY 3, 2010

PROJECT M-B705

DISPOSITION CLASSIFICATION(S) OF PATENTS  
FROM ABOLISHED SUBCLASSES REPORT

Generated by Data Control Division

<u>Source Classification</u>	<u>Number of ORs</u>	<u>New Classification</u>	<u>Number of ORs</u>
705/1	738	705/1.1	57
		705/1.1	681
705/1.1	2	705/1.1	2

FEBRUARY 2, 2010

PROJECT M-B705

C. CHANGES TO THE U.S. – I.P.C. CONCORDANCE

<u>Class</u>	<u>U.S.</u> <u>Subclass</u>	<u>I.P.C.</u> <u>Subclass</u>	<u>Notation</u>
705	901	G06F	21/22
	902		21/22
	903		21/22
	904		21/22
	905		21/22
	906		21/22
	907		21/22
	908		21/22
	909		21/22
	910		21/22
	911		21/22
	912		21/22
	1.1	G06Q	
	300		10/00
	301		10/00
	302		10/00
	303		10/00
	304		10/00
	305		10/00
	306		10/00
	307		10/00
	308		10/00
	309		10/00
	310		50/00
	311		50/00
	312		50/00
	313		50/00
	314		50/00
	315		50/00
	316		50/00
	317		99/00
	318		99/00
	319		99/00
320	10/00		
321	10/00		
322	10/00		
323	99/00		
324	99/00		
325	99/00		
326	50/00		
327	50/00		
328	50/00		
329	99/00		
330	30/00		
331	30/00		
332	30/00		
333	30/00		

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C. CHANGES TO THE U.S. – I.P.C. CONCORDANCE

<u>Class</u>	<u>U.S.</u>	<u>Subclass</u>	<u>I.P.C.</u>	<u>Subclass</u>	<u>Notation</u>
705		334			30/00
		335			30/00
		336			30/00
		337			30/00
		338		G06Q	30/00
		339			30/00
		340			30/00
		341			30/00
		342			10/00
		343			10/00
		344			10/00
		345			10/00
		346			30/00
		347			30/00
		348			10/00

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D. CHANGES TO THE DEFINITIONS

CLASS 235 – REGISTERS

Definitions Modified:

Subclass 375: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1 for a business or financial data processing system, particularly subclasses 17 through 25 for an electronic cash register or terminal having a card interface, and subclass 41 for a financial data processing system using an IC or “smart” card.

FEBRUARY 2, 2010

PROJECT NO. M-B705

D. CHANGES TO THE DEFINITIONS

CLASS 380 – CRYPTOGRAPHY

Definitions Modified:

Subclass 231: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 52 through 54 for usage protection of distributed data files including usage or charge determination, subclasses 77 through 79 for a cryptographic electric commerce system including billing and subclasses 1.1 and 2 through 45 for automated electrical financial or business practice or management arrangement.

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D. CHANGES TO THE DEFINITIONS

CLASS 434 – EDUCATION AND DEMONSTRATION

Definitions Modified:

Subclass 107: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclass 1.1 for business or financial management data processing.

FEBRUARY 2, 2010

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D. CHANGES TO THE DEFINITIONS

CLASS 463 – AMUSEMENT DEVICES: GAMES

Definitions Modified:

Class Definition: Under Section III – REFERENCES TO OTHER CLASSES, SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1, especially subclass 14.1 for data processing used for financial or business practice where a promotional inducement is recited (e.g., awarding a coupon or price adjustment based upon a purchase, etc.), and subclass 16 for a point-of-sale terminal, (e.g., cash register, etc.).

Subclass 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 1.1, especially subclass 14.1 for data processing used for financial or business practice where a promotional inducement is recited (e.g., awarding a coupon or price adjustment based upon a purchase, etc.), and subclass 16 for a point-of-sale terminal, (e.g., cash register, etc.).

Subclass 16: Under SEE OR SEARCH CLASS

Delete:

The reference to class 705.

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PROJECT NO. M-B705

D. CHANGES TO THE DEFINITIONSInsert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1, especially subclass 14.1 for data processing used for financial or business practice where a promotional inducement is recited (e.g., awarding a coupon or price adjustment based upon a purchase, etc.), and subclass 16 for a point-of-sale terminal, (e.g., cash register, etc.).

Subclass 17: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1, especially subclass 14.1 for data processing used for financial or business practice where a promotional inducement is recited (e.g., awarding a coupon or price adjustment based upon a purchase, etc.), and subclass 16 for a point-of-sale terminal, (e.g., cash register, etc.).

Subclass 25: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1, especially subclass 14.1 for data processing used for financial or business practice where a promotional inducement is recited (e.g., awarding a coupon or price adjustment based upon a purchase, etc.), and subclass 16 for a point-of-sale terminal, (e.g., cash register, etc.).

Subclass 29: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

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D. CHANGES TO THE DEFINITIONS

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1 for data processing used for financial or business practice, especially subclass 18 when there is a security or user identification provision.

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D. CHANGES TO THE DEFINITIONS

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

Definitions Modified:

Subclass 90: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1 through 45 for a business or financial transaction data processing system.

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D. CHANGES TO THE DEFINITIONS

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

Definitions Abolished:Subclass 1:Definitions Modified:

Class Definition: Section 1 under the third paragraph

Insert:

Subclasses 705/300 through 348 were established prior to complete reclassification of all project documents. Documents that have not yet been reclassified have been placed in 705/1.1. Until reclassification is finished a complete search of 705/300 through 348 should include a search of 705/1.1. Once the project documents in 705/1.1 have been reclassified they will be moved to the appropriate subclasses and this note will be removed.

Subclass 2: Delete:

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter drawn to a computer implemented system or method particularly adapted for a health care management or delivery organization.

Subclass 4: Delete:

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter drawn to a computer implemented system or method for writing an insurance policy or processing an insurance claim.

Subclass 5: Delete:

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D. CHANGES TO THE DEFINITIONS

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized record keeping system for recording allocation of space in advance of use (e.g., airplane, train or concert reservation).

Subclass 7: Delete:

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the systematic and scientific analysis and evaluation of the operation of an organization or the programmed scheduling of an organization.

Subclass 12: Delete:

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter determining the result of an election by multiple participants.

Subclass 13: Delete:

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter controlling access to a vehicle or vehicle related facility in response to payment or other precondition for such access.

Subclass 14.1: Delete:

The entire subclass definition.

Insert:

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D. CHANGES TO THE DEFINITIONS

This subclass is indented under subclass 1.1. Subject matter for price reduction of, or premium credit resulting from, the purchase of a good or service, or a commercial offer to incite, stimulate, or provoke an increase in business, through a commercial transaction.

Subclass 15: Delete:

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter particularly designed for use in an establishment serving food or drink to buyers.

Subclass 16: Delete:

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for including a mechanism for effecting a transaction and determining the amount of a sale which may also be a terminal in a system.

Subclass 26: Delete:

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement which enables a purchaser to inspect or select from a plurality of different items, or affect a purchase of one or more items at a location geographically separated from the system user.

Subclass 28: Delete:

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for establishing, maintaining, or updating a record of a store of goods.

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D. CHANGES TO THE DEFINITIONS

Subclass 30: Delete:

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for recording, analyzing, verifying, or reporting of funds or other quantitatively innumerable factors used in a business.

Subclass 35: Delete:

The entire subclass definition.

Insert:

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for planning the disposition or use of funds or securities, or extension of credit.

Subclass 50: Under SEE OR SEARCH THIS CLASS, SUBCLASS

Delete:

The reference to subclasses 1, 400-418 and 500.

Insert:

1.1, 400 through 418, and 500 for business data processing in general or in combination with nominal cryptography.

Subclass 400: Under SEE OR SEARCH THIS CLASS, SUBCLASS

Delete:

The reference to subclass 1+.

Insert:

1.1, for a specific application of business practice and management, particularly subclass 5 for a reservation system including means for calculating a fare,

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D. CHANGES TO THE DEFINITIONS

subclass 16 for a cash register for calculating cost/price of commodity, and subclasses 50 through 80 for business processing using cryptography.

Definitions Established:**1.1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR MANAGEMENT ARRANGEMENT:**

This subclass is indented under the class definition. Subject matter wherein an electrical apparatus and its corresponding methods perform the data processing operations, in which there is a significant change in the data or for performing calculation operations wherein the apparatus or method is uniquely designed for or utilized in the practice, administration, or management of an enterprise, or in the processing of financial data.

- (1) Note. The term "arrangement" as used in this and its indented subclasses refers to either a device or to a method of use of a device for performing the indicated process. Further, a device may be an assemblage of components at a single location or may have its several components at geographically distinct locations, i.e., a network.
- (2) Note. The term "enterprise" as used in this and its indented subclasses is intended to include governmental and nonprofit organizations, as well as conventional business organizations.
- (3) Note. The arrangements in this and its indented subclasses are generally used for problems relating to administration of an organization, commodities, financial transactions, or recreation.
- (4) Note. Mere designation of an arrangement as a "business machine" or a document as a "business form" or "business chart" without any particular business function will not cause classification in this or its indented subclasses.

## SEE OR SEARCH THIS CLASS, SUBCLASS

- 50, through 79 for business processing using cryptography.
- 500, for a financial or business practice or management arrangement without the use of computers.

## SEE OR SEARCH CLASS

- 235, Registers, subclasses 379 through 383 and 385 for a system having a detail of a record-sensing device in combination with a system utilized for banking, determining credit or maintaining an inventory, and having no more than a nominal recitation of a computer or data processing arrangement. Note that a nominally claimed record or card sensor is considered to be a peripheral of the data processing system.
- 379, Telephonic Communications, 111 through 132 for a computer controlled telephone traffic and charge determining arrangement; subclass 284 for a processor controlled central switching arrangement.

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D. CHANGES TO THE DEFINITIONS

- 463, Amusement Devices: Games, subclass 1.1, when there is a recitation (according to the (3) Note of Section III of the Class 705 Definition) of a method or apparatus for moving or processing information specified as game or contest information, especially subclass 16, where game or contest information relates to a chance-type game (i.e., one that involves an award or prize based upon the occurrence of a chance happening or event; e.g., lottery, keno, slot machine, etc.). However, in order for the specified information to be considered significant for placement in Class 463, there must be significant game processing. For example, the mere printing of a selected lottery number is not significant unless there is also included an element of a game for Class 463 (e.g., a determination of whether the number is a winning number, such as by lot matching, a determination of an award or prize value associated with a number, etc.). A "coupon" or price adjustment given to a patron based upon an item purchased or another predetermined or nonrandom criteria is not considered to be a chance event or happening appropriate for Class 463.
- 700, Data Processing: Generic Control Systems or Specific Applications, subclasses 90 through 306 for a device which either controls the processing of, or is responsive to a physical or mechanical condition of a product or material.
- 707, Data Processing: Database, Data Mining, and File Management or Data Structures, appropriate subclasses for databases or file management of data per se.

**300 Collaborative creation of a product or a service:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for initial conceptual development, through cooperation between plural parties, (e.g., brainstorming, idea development, etc.), of a commodity or of work that can be performed for another.

**301 Workflow collaboration or project management:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the routing or approving of projects between workforce units or for organizing and managing of resources (e.g., people, etc.) in such a way that a planned undertaking is completed within defined scope, quality, time, and cost constraints.

## SEE OR SEARCH THIS CLASS, SUBCLASS

- 7, for a computerized arrangement for the systematic and scientific analysis and evaluation of the operation of an organization or the programmed scheduling of an organization.

**302 Product or service warranty:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the registration or status of an agreement, in which a provider will, within a limited period of time, repair or replace an article or rework a service, if that article or service is deemed to be defective within the terms of that agreement.

**303 Product recall:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for requesting the return to the maker, of a batch or an entire production run

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of a product, usually due to the discovery of safety issues, or to the maintenance of the status of such a request.

**304 Customer service (i.e., after purchase):**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the planning or utilizing of assistance or other resources that a company may provide to the people who bought or used its products or services (e.g., helpdesk, customer support, etc.).

SEE OR SEARCH THIS CLASS, SUBCLASS

26, for on-line customer service before or during purchase.

**305 Product repair or maintenance administration:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the development or the utilization of a system for notifying the customer of servicing which is due on his product, or to the tracking or monitoring of services performed on a product (e.g., car maintenance, etc.).

**306 Product appraisal:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the determination of a monetary value for a particular item (e.g., cars, antiques, houses, etc.).

**307 Rental (i.e., leasing):**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the creation or maintenance of a record keeping system for recording the allocation of the temporary use of commodities.

SEE OR SEARCH THIS CLASS, SUBCLASS

16, for rental payment transactions occurring at a point of sale terminal or electronic cash register in a retail outlet or kiosk.

26, Electronic shopping (e.g., remote ordering) for on-line remote browsing or payment for rental commodities.

35, for payment or funds transfer associated with a rental transaction.

**308 Product recycling or disposal administration:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the creation or maintenance of a system for taking used or waste commodities and either (1) treating or processing them so as to make them suitable for reuse, or (2) getting rid of them.

**309 Alternate dispute resolution:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the development or maintenance of procedures or processes (e.g., arbitration, reconciliation, mediation etc.) that are voluntarily adopted to resolve controversies (or to settle disagreements) before taking recourse to legal action (i.e., litigation).

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SEE OR SEARCH THIS CLASS, SUBCLASS

80, for electronic negotiation including an offer and acceptance or counteroffer, among parties.

**310 Intellectual property management:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the creation or maintenance of a rights management system for intangible property which protects the products of human intelligence and creation (i.e., as copyrightable works, patented inventions, trademarks, or trade secrets).

SEE OR SEARCH THIS CLASS, SUBCLASS

36, for portfolio valuation.

50 through 79, for Digital Rights Management with encryption.

901 through 912, for Digital Rights Management without encryption.

**311 Legal service:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for work performed by a lawyer for a client.

SEE OR SEARCH THIS CLASS, SUBCLASS

310, for management of intellectual property which may be done by a lawyer.

**312 Estate planning:**

This subclass is indented under subclass 311. Subject matter drawn to a computerized arrangement for the drawing up of a will, the setting up of a trust, or (if it minimizes estate taxes) for the passing of property to one's heirs before one's death as well as for the setting up post-life arrangements (e.g., funerals, etc.).

SEE OR SEARCH THIS CLASS, SUBCLASS

35, for subject matter drawn to a computerized arrangement for planning the disposition or use of funds or securities, or extension of credit.

**313 Real estate:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the development or construction of buildings or to the process of buying and selling of land, including the natural resources and permanent buildings thereon.

SEE OR SEARCH THIS CLASS, SUBCLASS

38, for financing real estate.

306, for real estate appraisal.

307, for real estate rental or leasing.

**314 Property management:**

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This subclass is indented under subclass 313. Subject matter drawn to a computerized arrangement for managing the operation of commercial, industrial or residential real estate.

**315 Land development:**

This subclass is indented under subclass 313. Subject matter drawn to a computerized arrangement for managing an area of land or water in order to make it more profitable, productive, or useful.

**316 Closing:**

This subclass is indented under subclass 313. Subject matter drawn to a computerized arrangement for the transfer of ownership of and title to property from one person to another for a price.

SEE OR SEARCH THIS CLASS, SUBCLASS

311, for legal services associated with a real estate sale.

**317 Business or product certification or verification:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for documentation, data collection, processing or monitoring to ensure the veracity or factuality of the status of an entity's qualifications, either required or claimed by that entity in execution of a business requirement or legal process.

- (1) Note. Included herein is subject matter associated with land use by an entity, carbon credits, emissions, abatement, product compliance, clinical trials, trade agreements, licensing, degree verification, government test, regulatory compliance, continuing education requirements, safety compliance, and documentation of legal proceedings, such as courtroom transcripts.

SEE OR SEARCH THIS CLASS, SUBCLASS

7, for application including analysis of business processes or operations research.

311, for a computerized arrangement for the management of the work performed by a lawyer for a client.

SEE OR SEARCH CLASS

707, Data Processing: Database, Data Mining, and File Management or Data Structures, appropriate subclasses for business data generation, filing, manipulation, etc., without means for business data distribution, processing or usage in a business environment.

**318 Product, service, or business identity fraud:**

This subclass is indented under subclass 317. Subject matter drawn to a computerized arrangement for the analysis or detection of (1) illegitimate use of a product or service, misrepresentation of the authenticity of products or services, (2) approved sources of products or services, or (3) the coding or marking of product with data used for authentication.

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SEE OR SEARCH THIS CLASS, SUBCLASS

- 14.26, for fraud prevention in connection with a coupon or other incentive.
- 14.47, for fraud detection in advertising.
- 35, for fraud prevention involving financial transactions.
- 325 for the detection of illicit use of personal information, such as identity fraud analysis or detection means for determining that a person or business entity is who they say they are.

SEE OR SEARCH CLASS

- 283, Printed Matter, subclass 72 for fraud detection or indicia related to printed media, without usage of fraud detection in a business environment.
- 379, Telephonic Communications, subclass 114.14 for fraud related to telephone communications.
- 455, Telecommunications, subclass 410 for defeating or indicating an attempt to use the radiotelephone system without a proper authorization or control function.

**319 Social networking:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the management of interaction between individuals or entities who are connected by one or more common relations or interests.

**320 Human resources:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for keeping of records (e.g., benefits, etc.) of the departments or employees of an organization, or hiring of employees.

SEE OR SEARCH THIS CLASS, SUBCLASS

- 7, for employee performance review or evaluation.

**321 Employment or hiring:**

This subclass is indented under subclass 320. Subject matter drawn to a computerized arrangement for engaging the services of a person or persons for wages or other payment either directly or through a third party.

SEE OR SEARCH THIS CLASS, SUBCLASS

- 8, for resource needs or requirements for a particular position.

**322 Benefits package:**

This subclass is indented under subclass 320. Subject matter drawn to a computerized arrangement for the maintenance, regulation, or the monitoring of non-monetary employment compensation provided to employees by an organization (e.g., health insurance, leave, retirement, etc.).

SEE OR SEARCH THIS CLASS, SUBCLASS

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- 2, for insurance co-pay determination.
- 36, for retirement fund portfolio management.

**323 Destination assistance within a business structure or complex:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for providing direction information at a business location or the creation of direction plan for a business location.

**324 Building evacuation:**

This subclass is indented under subclass 323. Subject matter drawn to a computerized arrangement for the removal of people from a structure for protective purposes.

- (1) Note. Included herein is a computerized arrangement for the creation of a removal plan.

**325 Personal security, identity, or safety:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for (1) ensuring the legal or uninterrupted enjoyment by a person of their life, their body, their health, or their reputation (e.g., TSA airport screening, public venue admission screening, etc., in order to bar an individual who may cause harm to another, etc.), (2) for the detection of illicit use of personal information, such as analysis or detection means for determining that a person or business entity is who they say they are, or (3) for protective measures or protocol to prevent injury.

## SEE OR SEARCH THIS CLASS, SUBCLASS

- 35, for fraud prevention or detection during financial transactions.
- 318, for fraud associated with business products or services.

## SEE OR SEARCH CLASS

- 340, Communications: Electrical, subclass 5.52 for electrical communication of personal identification information (i.e., biometrics) in order to allow entry, and subclass 5.8 for electrical communication of personal identification information (i.e., biometrics) to validate identity.
- 382, Image Analysis, subclasses 115 for image analysis for personnel identification, (e.g., biometrics, etc.).
- 713, Electrical Computers and Digital Processing Systems: Support, subclass 186 for system access control based on user identification (e.g., biometrics).
- 726, Information Security, subclasses 2 for access control or authentication, involving biometrics.
- 902, Electronic Funds Transfer, subclass 3 for security evaluation involving biometrics.

**326 Education administration or guidance:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for (1) the business of conducting, organizing, or maintaining the

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management functions of an organization concerned with teaching , (2) the management of the process of institution or course selection, or (3) the management of assistance programs.

(1) Note. This subclass includes continuing education planning.

SEE OR SEARCH THIS CLASS, SUBCLASS

30, for arrangement for recording, analyzing, verifying, or reporting of funds or other quantitatively innumerable factors used in a business.

35, for arrangement for planning the disposition or use of funds or securities, or extension of credit.

SEE OR SEARCH CLASS

434, Education and Demonstration, for subject matter dealing with instruction, demonstration or grading of students.

**327 Education institution selection, admissions, or financial aid:**

This subclass is indented under subclass 326. Subject matter drawn to a computerized arrangement for analysis or assistance in the process of selection of an educational resource, course selection, entry requirements, or assistance associated with payment or reimbursement for tuition.

SEE OR SEARCH THIS CLASS, SUBCLASS

30, for recording, analyzing, verifying, or reporting of funds or other quantitatively innumerable factors used in a business.

35, for arrangement for planning the disposition or use of funds or securities, or extension of credit.

**328 Career enhancement or continuing education service:**

This subclass is indented under subclass 326. Subject matter drawn to a computerized arrangement for analysis or assistance associated with career change or advancement.

(1) Note. This subclass includes computerized arrangements for analyzing or tracking credit for work experience.

**329 Fundraising Management:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for a system for developing, organizing or monitoring the organized activity of soliciting and collecting money for a nonprofit or political organization.

**330 Shipping:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for the delivery of goods or items between parties, or for the monitoring of the status of that delivery.

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D. CHANGES TO THE DEFINITIONS**331 Overseas transaction:**

This subclass is indented under subclass 330. Subject matter drawn to a computerized arrangement for managing the delivery of goods that are transported over international waters or across international borders.

**332 Special goods or handling procedure:**

This subclass is indented under subclass 330. Subject matter drawn to a computerized arrangement for the handling of a shipment of goods that requires particular preparation measures or transport specifications.

- (1) Note. This subclass includes such special goods or handling procedures as the shipping of goods in refrigerated vehicles or the special packing or transport measures for handling hazardous or delicate materials.

**333 Tracking:**

This subclass is indented under subclass 330. Subject matter drawn to a computerized arrangement for systems allowing various parties in a delivery transaction to determine the location of goods during their preparation for delivery and/or during transport between destinations.

**334 Choice of carrier:**

This subclass is indented under subclass 330. Subject matter drawn to a computerized arrangement for determining which carrier a particular shipper or supplier should utilize for a specific delivery transaction.

**335 Pricing:**

This subclass is indented under subclass 334. Subject matter drawn to a computerized arrangement to assist shippers, suppliers or recipient's of goods in managing the determination of an appropriate or established price for a delivery transaction.

**336 Relationship between shipper or supplier and a carrier:**

This subclass is indented under subclass 330. Subject matter drawn to a computerized arrangement directed at handling the transactions between a shipper or supplier of goods and the carrier who will deliver the goods.

**337 Carrier internal procedure:**

This subclass is indented under subclass 330. Subject matter drawn to a computerized arrangement for managing the internal operations of a carrier of goods.

**338 Routing method:**

This subclass is indented under subclass 337. Subject matter drawn to a computerized arrangement for determining optimum routing of certain goods in an existing delivery system or to identify an appropriate route for delivery of specified goods.

- (1) Note. The routing method is often directed at cost savings or delivery time minimization.

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D. CHANGES TO THE DEFINITIONS**339 Central recipient pick-up:**

This subclass is indented under subclass 330. Subject matter drawn to a computerized arrangement for managing the handling of delivery of goods to allow recipients to pick up the goods at a centralized location.

**340 Return transaction:**

This subclass is indented under subclass 330. Subject matter drawn to a computerized arrangement for the sending of received goods back to a supplier or manufacturer.

**341 Historical data:**

This subclass is indented under subclass 330. Subject matter drawn to a computerized arrangement for the maintenance or tracking of information collected in shipping transactions such as customer data, established routes, load history and cost information.

**342 Business documentation:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement which involves the management of business documents or business document generation as a business function, with the inclusion of means for distribution, processing or the usage of the business data in a business environment.

- (1) Note. Subject matter herein, must specify a means for distribution, processing, or usage of business documentation data in a business environment.

## SEE OR SEARCH THIS CLASS, SUBCLASS

- 7, for operations research.  
301, for workflow collaboration or project management documentation.

## SEE OR SEARCH CLASS

- 283, Printed Matter, appropriate subclasses for printing operation for generation of printed media, without means for distribution, processing or usage in a business environment.  
379, Telephonic Communications, appropriate subclasses for telephone apparatus, system and communications, without means for business data distribution, processing or usage in a business environment.  
455, Telecommunications, appropriate subclasses for telephone apparatus, systems and communications, without means for business data distribution, processing or usage in a business environment.  
707, Data Processing: Database, Data Mining, and File Management or Data Structures, appropriate subclasses for data access, generation, filing, manipulation, etc, without means for business data distribution, processing or usage in a business environment.  
709, Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring, subclass 204 for data or document distribution without means for processing or usage in a business environment.

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715, Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing, subclass 221 for form generation and manipulation related to generation of model files or templates, and subclass 764 for on-screen workspace or object GUI interaction in generation and manipulation of business model file data or rules template data, without means for business data distribution, processing or usage in a business environment.

**343 Service or product manual or catalogue:**

This subclass is indented under subclass 342. Subject matter drawn to a computerized arrangement for the generation of documents used to describe the use or the features of a business service or product with a means for distribution or usage in a business environment.

(1) Note. This subclass includes both hardcopy and electronic documentation.

SEE OR SEARCH THIS CLASS, SUBCLASS

26, for on-line shopping.

SEE OR SEARCH CLASS

283, Printed Matter, appropriate subclasses for printing operation for generation of printed media, without means for distribution, processing or usage in a business environment.

379, Telephonic Communications, appropriate subclasses for telephone apparatus, system and communications, not involving business data distribution, processing or usage in a business environment.

455, Telecommunications, appropriate subclasses for telephone apparatus, systems and communications, not involving business data distribution, processing or usage in a business environment.

707, Data Processing: Database, Data Mining, and File Management or Data Structures, appropriate subclasses for data access, generation, filing, manipulation, etc., without means for business data distribution, processing or usage in a business environment.

709, Electrical Computer and Digital Processing Systems: Multicomputer Data Transferring, subclass 204 for computer conferencing which does not involve business data distribution, processing or usage in a business environment.

715, Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing, subclass 221 for form generation and manipulation related to generation of model files or templates, subclass 764 for on-screen workspace or object GUI interaction in generation and manipulation of business model file data or rules template data, without means for business data distribution, processing or usage in a business environment.

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D. CHANGES TO THE DEFINITIONS**344 Publishing content to a subscriber of a service:**

This subclass is indented under subclass 342. Subject matter drawn to a computerized arrangement for generating, managing or brokering of on-line or hardcopy documents, with means for distribution, access or usage by the clients of the business.

- (1) Note. Included herein is subject matter where documents may be published in response to a predetermined schedule, or as a result of triggering events.

## SEE OR SEARCH CLASS

- 283, Printed Matter, appropriate subclasses for printing operation for generation of printed media, e.g., without means for distribution, processing or usage in a business environment.
- 379, Telephonic Communications, appropriate subclasses for telephone apparatus, system and communications, for communications not involving business data distribution, processing or usage in a business environment.
- 455, Telecommunication, appropriate subclasses or telephone apparatus, systems and communications, for communications not involving business data distribution, processing or usage in a business environment.
- 707, Data Processing: Database, Data Mining, and File Management or Data Structures, appropriate subclasses for data access, generation, filing, manipulation, etc., without means for business data distribution, processing or usage in a business environment.
- 709, Electric Computers and Digital Processing Systems: Multicomputer Data Transferring, subclass 204 for computer conferencing not involving business data distribution, processing or usage in a business environment.
- 715, Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing, subclass 221 for form generation and manipulation related to generation of model files or templates, and subclass 764 for on-screen workspace or object GUI interaction in generation and manipulation of business model file data or rules template data, without means for business data distribution, processing or usage in a business environment.

**345 Employee communication administration:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for directing business activity information or instructions to agents of a business via the Intranet, Internet, World Wide Web, including wireless communications to business personnel.

- (1) Note. Included herein are communications to remote agents of the business, such as field service, sales, delivery or other personnel.
- (2) Note. For the purposes of this definition, agents are considered employees.

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D. CHANGES TO THE DEFINITIONS

## SEE OR SEARCH THIS CLASS, SUBCLASS

- 7, for an application including analysis of business processes or operations research.

## SEE OR SEARCH CLASS

- 379, Telephonic Communications, appropriate subclasses for telephone apparatus, system and communications, for communications not involving business data distribution, processing or usage in a business environment.
- 455, Telecommunications, appropriate subclasses for telephone apparatus, systems and communications, e.g., for communications not involving business data distribution, processing or usage in a business environment.
- 709, Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring, subclass 204 for computer processing not involving business data distribution, processing or usage in a business environment.

**346 Customer communication at a business location (e.g., providing product or service information, consulting, etc.):**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for communications directed to client in a place of business by means of a wired or a wireless network.

## SEE OR SEARCH THIS CLASS, SUBCLASS

- 7, for an application including analysis of business processes or operations research.
- 14.1, for a coupon or other incentive.
- 14.4, for advertising.
- 16, for a mechanism for effecting a transaction and determining the amount of a sale which may also be a terminal in a system.
- 26, for a system which enables a purchaser to inspect or select from a plurality of different items, or effect a purchase of one or more items at a location geographically separated from the system user.

## SEE OR SEARCH CLASS

- 455, Telecommunications, appropriate subclasses for telephone apparatus and communications, e.g., without means for business data distribution, processing or usage in a business environment.
- 709, Electrical Computers and Digital Processing Systems: Multicomputer Data Transferring, subclass 204 for computer conferencing communications distribution, without means for business data distribution, processing or usage in a business environment.

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D. CHANGES TO THE DEFINITIONS**347 Business establishment or product rating or recommendation:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for ranking or collecting reviews regarding business entities or the products or the services of business entities.

SEE OR SEARCH THIS CLASS, SUBCLASS

- 7, for an application including analysis of business processes or operations research.
- 26, for an application including on-line browsing or purchase of a product or service.

SEE OR SEARCH CLASS

- 707, Data Processing: Database, Data Mining, and File Management or Data Structures, subclass 1.1 for database or file accessing, subclass 100 for database schema or data structure and subclass 200 for file or database maintenance; for data access, generation, filing, manipulation, etc. (e.g., without means for business data distribution, processing or usage in a business environment).

**348 Business modeling:**

This subclass is indented under subclass 1.1. Subject matter drawn to a computerized arrangement for simulation of a business operation or a function; or a document.

SEE OR SEARCH THIS CLASS, SUBCLASS

- 7, for an application including analysis of business processes or operations research.

SEE OR SEARCH CLASS

- 703, Data Processing: Structural Design, Modeling, Simulation, and Emulation, appropriate subclasses for structures, devices or systems classified therein, without means for business data distribution, processing or usage in a business environment.
- 706, Data Processing: Artificial Intelligence, appropriate subclasses for modeling or rules templates with learning, but without means for business data distribution, processing or usage in a business environment.
- 707, Data Processing: Database, Data Mining, and File Management or Data Structures, appropriate subclasses 1.1 for business model or rules template generation, filing, manipulation, etc., without means for business data distribution, processing or usage in a business environment.
- 715, Data Processing: Presentation Processing of Document, Operator Interface Processing, and Screen Saver Display Processing, subclass 221 for form generation and manipulation related to generation of model files or templates, and subclass 764 for on-screen workspace or object GUI interaction in generation and manipulation of business model file data or rules template data, without means for business data distribution, processing or usage in a business environment.

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D. CHANGES TO THE DEFINITIONS**CROSS- REFERENCE ART COLLECTIONS****901 DIGITAL RIGHTS MANAGEMENT:**

This cross-reference art collection is indented under the class definition. Subject matter drawn to a system of information technology components (hardware and software) and services designed to distribute and control the rights to intellectual property created or reproduced in digital form for distribution online or via other digital media, in conjunction with corresponding law, policy, and business models.

SEE OR SEARCH THIS CLASS, SUBCLASS

50, for digital rights management which includes encryption.

**902 Licensing digital content:**

This cross-reference art collection is indented under cross-reference art collection 901. Subject matter wherein a determination is made that an outside entity has authorized the use of the selection.

SEE OR SEARCH THIS CLASS, SUBCLASS

59, for licensing which includes encryption.

**903 Adding plural layer of rights or limitations by other than the original producer:**

This cross-reference art collection is indented under cross-reference art collection 902. Subject matter wherein a party other than the originating source places further restriction or proprietary interest on the use of the selected data.

SEE OR SEARCH THIS CLASS, SUBCLASS

54, for adding plural layers of rights or limitations by other than the original producer and which also includes encryption.

**904 Usage protection of distributed files:**

This cross-reference art collection is indented under cross-reference art collection 901. Subject matter wherein the usage of distributed information representing a selection by an individual is controlled.

(1) Note. Examples of such distribution can be by way of a storage medium such as a CD or by downloading.

SEE OR SEARCH THIS CLASS, SUBCLASS

51, for usage protection of distributed files which includes encryption.

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D. CHANGES TO THE DEFINITIONS**905 Hardware usage protection:**

This cross-reference art collection is indented under cross-reference art collection 904. Subject matter where the mechanical, magnetic, electronic, and electrical components making up a computer system control the usage of distributed files.

**906 Requiring a supplemental attachment or input (e.g., dongle, etc.) to open:**

This cross-reference art collection is indented under cross-reference art collection 904. Subject matter wherein an auxiliary device or signal interacts with the distributed data file to permit usage.

SEE OR SEARCH THIS CLASS, SUBCLASS

55, for usage protection of distributed files requiring a supplemental attachment or input to open and which also includes encryption.

**907 Specific computer ID (e.g., serial number, configuration, etc.):**

This cross-reference art collection is indented under cross-reference art collection 906. Subject matter wherein the interaction uses a signal that describes or is characteristic of a particular data processing system.

SEE OR SEARCH THIS CLASS, SUBCLASS

56, for usage protection of distributed files requiring a specific computer ID and which also includes encryption.

**908 Software or content usage protection:**

This cross-reference art collection is indented under cross-reference art collection 904. Subject matter wherein the usage of a program or other data is controlled.

**909 Usage charge determination:**

This cross-reference art collection is indented under cross-reference art collection 904. Subject matter including determining the amount of use of the selected information or a cost associated therewith.

SEE OR SEARCH THIS CLASS, SUBCLASS

52, for usage charge determination which also includes encryption.

77, through 79, for general electronic commerce system which includes billing.

SEE OR SEARCH CLASS

380, Cryptography, subclasses 227 through 230 for video electric signal modification using cryptography via record or coin control, and subclasses 231 through 234 for video electric signal modification using cryptography having usage or charge determination.

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D. CHANGES TO THE DEFINITIONS**910 Including third party for collecting or distributing payment (e.g., clearing house, etc.):**

This cross-reference art collection is indented under cross-reference art collection 909. Subject matter wherein a third party not associated with the actual distribution of the selected data is utilized to gather or disperse payment there for.

SEE OR SEARCH THIS CLASS, SUBCLASS

53, for systems involving a third party collecting or distributing payment and which further includes encryption.

78, for a secure transaction including a third party.

**911 Copy protection or prevention:**

This cross-reference art collection is indented under cross-reference art collection 901. Subject matter which prevents rerecording of a distributed data file.

SEE OR SEARCH THIS CLASS, SUBCLASS

57, for copy protection or prevention systems which further include encryption.

SEE OR SEARCH CLASS

380, Cryptography, subclasses 201 through 204 for copy protection or prevention of a video signal.

**912 Having origin or program ID:**

This cross-reference art collection is indented under cross-reference art collection 911. Subject matter wherein a copy protected distributed data file is supplemented by a unique identifier of a source of the file or of the file itself.

SEE OR SEARCH THIS CLASS, SUBCLASS

58, for copy protection or prevention systems having origin or program ID and which further include encryption.

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D. CHANGES TO THE DEFINITIONS

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

Definitions Modified:

Subclass 700: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1 and 2 through 45, for use of operator interface in electronic financial or business management systems, particularly subclasses 26 and 27 for electronic shopping systems utilizing operator interface.

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D. CHANGES TO THE DEFINITIONS

CLASS 717 – DATA PROCESSING: SOFTWARE DEVELOPMENT, INSTALLATION, AND MANAGEMENT

Definitions Modified:

Subclass 123: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1 and 2 through 45 for automated financial or business practice or management systems.

Subclass 141: Under SEE OR SEARCH CLASS

Delete:

The entire reference to Class 707.

Insert:

707, Data Processing: Database, Data Mining, and File Management or Data Structures, particularly subclasses 713 through 721 for query optimization, subclasses 759 through 768 for query statement modification, and subclasses 802 and 809 through 811 for database and data structure management involving transformations.

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D. CHANGES TO THE DEFINITIONS

CLASS 725 – INTERACTIVE VIDEO DISTRIBUTION SYSTEMS

Definitions Modified:

Subclass 37: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1 and 2 through 45 for use of operator interface in electronic financial or business management systems and particularly subclasses 26 through 29 for electronic shopping systems using an operator interface.

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D. CHANGES TO THE DEFINITIONS

CLASS 902 – ELECTRONIC FUNDS TRANSFER

Definitions Modified:

Subclass 37: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1 for a business or financial data processing system.

Subclass 40: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 705.

Insert:

705, Data Processing: Financial, Business Practice, Management, or Cost/Price Determination, subclasses 1.1 for a business or financial data processing system.