

U. S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

CLASSIFICATION ORDER 1856

June 6, 2006

Project No.E6838

The following classification changes will be effected by this order:

	Class	Subclass	Art Unit	Ex'r Search Room No.
Abolished:	340	825.5, 825.51	2635	ELEC 00-00
Established		NONE		
Position Changes:		NONE		
Indent Changes:		NONE		
Title Changes:		NONE		

The following classes are also impacted by this order.

84, 345, 455, 709, 710, 711, 712, 713, 717, 718, 719

This order includes the following:

- A. CLASSIFICATION MANUAL CHANGES
- B. NONE
- C. NONE
- D. DEFINITION CHANGES AND NEW OR ADDITIONAL DEFINITIONS

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850	UNDERWATER	870.01	CONTINUOUSLY VARIABLE INDICATING (E.G., TELEMETERING)
851	.Ship guidance system	870.02	.With meter reading
852	.Electrodes and electrode systems	870.03	..Having plural transmitters
853.1	WELLBORE TELEMETERING OR CONTROL (E.G., SUBSURFACE TOOL GUIDANCE, DATA TRANSFER, ETC.)	870.04	.With calibration
853.2	.Diagnostic monitoring or detecting operation of communications equipment or signal	870.05	.With calculation
853.3	.Selective control of subsurface equipment	870.06	..Plural transmitters (e.g., ratio)
853.4	..In horizontal or inclined drilling or passage	870.07	.Combined (TM system with other system)
853.5	...Control of drilling apparatus using magnetic field	870.08	..Radio dial
853.6	..Control of drill bit or apparatus (e.g., steering, speed, etc.)	870.09	..With alarm or annunciator (concurrent with TM)
853.7	.Repeater in subsurface link (e.g., cable, etc.)	870.1	.For radio sonde
853.8	.With orientation sensing of subsurface telemetering equipment (other than drilling equipment)	870.11	.Plural transmitters
853.9	.Including detail of subsurface signal storage (e.g., memory, recorder, register, etc.)	870.12	..Frequency division multiplex
854.1	.With position or depth recording (e.g., line payout, equipment locator, etc.)	870.13	..Time division multiplex
854.2	..Location of collar or stuck tool	870.14	...Using particular sync
854.3	.Using a specific transmission medium (e.g., conductive fluid, annular spacing, etc.)	870.15	..With plural receiver
854.4	..Drill string or tubing support signal conduction	870.16	.Condition responsive
854.5	..Wellbore casing or ground	870.17	..Temperature
854.6	..Electromagnetic energy (e.g., radio frequency, etc.)	870.18	.Using a particular modulation (e.g., phase, frequency, or amplitude)
854.7	...Optical link (e.g., waveguide, etc.)	870.19	..Pulse
854.8	...Near field coupling (e.g., inductive, capacitive, etc.)	870.2	...Pulse repetition
854.9	..Cable or wire (e.g., conductor as support, etc.)	870.21	...Analog to digital function converter
855.1	...Coupling connection structural feature	870.22	...Permutation code
855.2	...Single conductor cable or wire	870.23	...Increase pulses plus decrease pulses
855.3	.Multiplexed signals	870.24	...Pulse duration (e.g., pulse train)
855.4	.Pulse or digital signal transmission	870.25	.Phase variation
855.5	..Digital signal processing in subsurface transmitter	870.26	.Frequency variation
855.6	...Having acoustic sensor	870.27	.Plural circuits, each for particular magnitude
855.7	.Modification of signal bandwidth, frequency, or circuit impedance at subsurface location	870.28	.Via radiant energy beam (via particular energy)
855.8	.Including specified power transmission feature or source (e.g., battery, etc.)	870.29	..Photoelectric cell pickup
855.9	..Specified alternating current (A.C.) circuit feature	870.3	.With particular transmitter (e.g., piezoelectric, dynamo)
856.1	.In horizontal or inclined passage arrangement	870.31	..Inductive transmitter
856.2	.With expandable or inflatable sensor element or mounting	870.32	...Mutual inductance
856.3	.Including particular sensor	870.33	....Flux valve type (e.g., with movable saturating magnet)
856.4	..Acoustic or vibratory (e.g., sonic, fluidic, etc.)	870.34	....Self-synchronous type
		870.35	....Differential type
		870.36	....Linear variable differential transformer (LVDT)
		870.37	..Capacitive transmitter
		870.38	..Resistive transmitter
		870.39	.With supply voltage regulation or compensation
		870.4	.With particular receiver (e.g., ratiometer)
		870.41	..Plural receivers
		870.42	..With feedback (e.g., reflex along line)
		870.43	...Follow-up (e.g., circuit rebalanced when upset)
		870.44	..With discharge device (e.g., CRT)
		901	EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR OR ALARM

	EXTERNAL CONDITION VEHICLE-MOUNTED INDICATOR OR ALARM	938	.Compensation for vehicle remaining at sensor position
902	.Transmitter in another vehicle (e.g., emergency vehicle)	939	.Environmental or drift compensation
903	..Relative distance between vehicles (e.g., collision alert)	940	.With pneumatic
904	.Transmitter in one vehicle only	941	.Inductive
905	.Highway information (e.g., weather, speed limits, etc.)	942	.Photoelectric
906	OVERRIDE OF TRAFFIC CONTROL INDICATOR BY COMMAND TRANSMITTER	943	.Sonic or ultrasonic
907	TRAFFIC CONTROL INDICATOR	944	PEDESTRIAN GUIDANCE
908	.Portable	945	AIRCRAFT ALARM OR INDICATING SYSTEMS
908.1	..Barricade marker	946	.Nonairplane (e.g., balloon or helicopter)
909	..Plural intersections under common central station control	947	.Land-based landing guidance
910	..Central station responsive to traffic detectors	948	..Aircraft actuation of land-based landing guides
911	...Central station controls offset (time between beginning of same phase at adjacent intersections)	949	..Wind direction
912	..Standby cycling implemented if invalid transmission received or loss of transmission occurs	950	..Movable (e.g., rotatable) guides
913	..Offset control	951	..Phased landing guidance (e.g., runway approach, landing, touchdown)
914	..Split control	952	..Particular energy guide source (e.g., sound, electric field, radio)
915	..Central station includes display of status of indicators	953	...Visual source
916	.Intersection normally under local controller	954	...Alignment of plural sources
917	..Controller responsive to traffic detectors	955	...Plural colors
918	...Controller, when changing right of way, alters or skips normal "go" cycle of street having no traffic detected	956	...Modulated light source
919	...Plural cross highways at intersection each have traffic detectors	957	...Magnetic field guide
920	....Density determines split	958	.Docking guidance
921	.....Extension of time	959	.Takeoff indicator
922	...Density determines split	960	.Landing gear indicator
923	..Extension of time	961	.Potential collision with other aircraft
924	..Local controller can be superceded by central station controller	962	.Icing indicator
925	..Pedestrian control	963	.Flight alarm
926	..Manual setting of cycle length and split times	964	..Phased warnings for same flight condition
927	..Rotating cam structure (specific structure required)	965	..Tactile
928	.Combined (e.g., toll systems, one-way)	966	..Stall
929	.Indication of time remaining before change of phase	967	..Attitude (including yaw, angle of attack, roll, pitch, glide slope)
930	..Electromechanical movable auxiliary indicator	968	..Wind shear
931	.Traffic control or local controller failure indicator	969	..Speed
932	.Pacing (e.g., vehicle keeps pace with sequentially activated lights)	970	..Altitude
932.1	.Pivoted	971	.Nonalarm flight indicator
932.2	VEHICLE PARKING INDICATORS	972	..Runway presentation
933	VEHICLE DETECTORS	973	..Indicator of at least four flight parameters (altitude, speed, etc.)
934	.Density	974	..Attitude
935	.Discriminates vehicle direction	975	...Roll or pitch
936	.Speed and overspeed	976	...Glide slope or path
937	.With camera	977	..Altitude
		978	..Speed
		979	..Heading (includes deviation from desired course)
		980	..Indicator visible in pilot's line of sight through windscreen
		981	.Aircraft beacons
		982	..Lights communicate (e.g., direction, altitude, reference position to observer)
		983	.Obstruction beacon
		984	WATERCRAFT ALARM OR INDICATING SYSTEMS

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	WATERCRAFT ALARM OR INDICATING SYSTEMS	426.18	..Remote alarm
985	.Navigation guides (e.g., channel lights)	426.19	...Using GPS (i.e., location)
		426.2	...Cellular
986	.Anchor movement	426.21	...Paging
987	.Rudder position indicator	426.22	..Local indication
988	VEHICLE POSITION INDICATION	426.23	...Exterior of vehicle
989	.At remote location	426.24	..Including specified sensor
990	..With map display	426.25	...Plural diverse sensors
991	..Position indication transmitted by vehicle after receipt of information from local station	426.26	...Detecting intruder energy (e.g., infrared, etc.)
		426.27	...Window (i.e., glass)
992	..Position indication transmitted at periodic intervals (e.g., distance travelled)	426.28	...Door or lock
		426.29	...Trunk or hood
993	..Position indication transmitted by local station to remote location	426.3	...Ignition switch
		426.31	...Steering wheel
994	..Vehicle's arrival or expected arrival at remote location along route indicated at that remote location (e.g., bus arrival systems)	426.32	...Brake
		426.33	...Wheel/tire
		426.34	...Accessory (e.g., speaker, radio face plate, etc.)
995.1	.Map display	426.35	..Including programmable key
995.11	..Having plural maps	426.36	..Including keyless entry
995.12	..Transmission of map data to vehicle	431	.For trailer
995.13	...Traffic information	432	.For bicycle
995.14	..Manipulation of map display or data	433	.For school bus
995.15	...Having adjustable map (e.g., scalable, etc.)	434	.For taxi
		435	.Of relative distance from an obstacle
995.16	....Input device	436	.Of collision or contact with external object
995.17	....Display change based on vehicle position	437	..Curb
995.18	...Particular data storage	438	.Internal alarm or indicator responsive to a condition of the vehicle
995.19	..Route determination and display on map		
995.2	...Intersection turn guidance	439	..Operation efficiency (e.g., engine performance, driver habits)
995.21	....Off course, route re-search		
995.22	.....Pattern matching	440	..Tilt, imbalance, or overload
995.23	.....Specifying particular start/destination	441	..Speed of vehicle, engine, or power train
995.24	..Including landmark information	442	..Tire deflation or inflation
995.25	..Including vehicle position correction	443	...By indirect detection means (e.g., height measurement)
995.26	..Including particular display structure (e.g., detachable, rolling map sheet, etc.)	444	....Relative wheel speed
		445	...With particular telemetric coupling
995.27	..Including particular display feature (e.g., indication of direction, mileage, road type, etc.)	446	...Acoustic wave
		447	....Radio wave
		448	....Inductive
995.28	..Including particular position/direction sensor	449	..Temperature
		450	..Fluid level
996	.Prerecorded message describes position	450.1	...Of hydraulic brake fluid
425.5	LAND VEHICLE ALARMS OR INDICATORS	450.2	...Of fuel
426.1	.Of burglary or unauthorized use	450.3	...Of lubricant (e.g., engine oil)
427	..Of motorcycles or bicycles	451	..Fluid pressure
428	..Responsive to changes in voltage or current in a vehicle electrical system	452	...Of brake fluid
		453	..Brake or clutch condition
429	..Responsive to inertia, vibration, or tilt	454	...Wear
		455	..Battery charging system condition
430	..With entrance/exit time delay	456	..Gear position
426.11	..Including immobilization	457	..Reminder
426.12	...User activated (e.g., car-jacking, etc.)	457.1	...Of seat belt application
		457.2	...Of headlight energization
426.13	..Remote control		
426.14	...Programmable		
426.15	...Status indication		
426.16	...Transmitter and receiver in vehicle		
426.17	...Transmitter on user		

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

	LAND VEHICLE ALARMS OR INDICATORS	514	..Testing
	.Internal alarm or indicator responsive to a condition of the vehicle	515	...Simulation of condition
	..Reminder	516	...Automatic (e.g., periodic, start-up)
457.3	...Of parking brake application	517	..Selection from a plurality of sensed conditions
457.4	...Of service interval expiration	518	...Scanning
458	..Lamp or lamp circuit condition	519	...Worst condition
459	..Plural conditions	520	...First sensed exclusively indicated
460	...With voice warning	521	...Plural diverse conditions
461	...With particular display means	522	...Combined for response
462	....Digital	523	...Particular sequence of conditions
463	.External alarm or indicator of movement	524	...Condition position indicator
464	..Plural indications (e.g., go, slow, stop)	525	...Display board
465	..Turning or steering	526	..Predetermined rate of occurrence
466	..Speed	527	..Time delay
467	..Acceleration or deceleration	528	...Entrance/exit
468	.External signal light system	529	...Condition persistence
469	..With two or more intensity levels (e.g., day or night)	530	...Capacitor
470	..Pass - no pass	531	.With particular coupling link
471	..Hazard warning or distress signalling	532	..Having particular safety function
472	...Auxiliary signal permanently attached to vehicle	533	..Wired
473	...Portable signal	534	...Coded message
474	..With audible signal	535	...Mechanical code means (e.g., coded disc)
475	..Turn signal	536	...Noninterfering
476	...With automatic cancelling	537	...With impedance level coding
477	....By predetermined time interval or distance	538	...Combined with power line
478	...With plural bulbs sequentially flashed	538.11	...Modulation technique
479	..Brake light	538.12	...Noise reduction (e.g., filtering)
480	.Electromagnetically actuated mechanical signal	538.13	....Zero crossing
481	..Wigwag type	538.14	...Impedance matching (e.g., Y-match or delta match)
482	..Normally encased	538.15	...Bi-directional (e.g., with transceiver)
483	...Plural concurrent indicators	538.16	...With inductive coupling (e.g., transformer or torroid)
484	...Sliding sign or shutter	538.17	...With coupling plug
485	...Window exhibited sign or shutter	539.1	..Radio
486	....Drum	539.11	...Including personal portable device
487	..Pivoting	539.12	...Medical
488	...Multiple indicators	539.13	...Tracking location (e.g., GPS, etc.)
489	...Three or more positions	539.14	...Including remote residential device
490	....Vertical axis	539.15	...Parent/child device
146.2	DIGITAL COMPARATOR SYSTEMS	539.16	...Including central station detail
500	CONDITION RESPONSIVE INDICATING SYSTEM	539.17	...And remote station detail
501	.With particular system function (e.g., temperature compensation, calibration)	539.18	....Dispatching
502	..Acknowledgement	539.19	....Programmable
503	...With ringback	539.2	...Map
504	..Answer-back	539.21	....Signal strength
505	..Interrogator-responder	539.22	...Having plural distinct sensors (i.e., for surrounding conditions)
506	..Alarm system supervision	539.23	...Proximity
507	...Fail-safe	539.24	...Diagnostic
508	...Redundant (e.g., added circuit or loop)	539.25	...Including video
509	...Plural or diverse current sources	539.26	...Specific environmental sensor
510	...Bridge or potential divider	539.27	...Heat
511	...Threshold or window (e.g., of analog electrical level)	539.28	...Weather
512	...Pulse	539.29	...Dosimeter
513	...Diode	539.3	...Including power saving
		539.31	...Including tamper resistant device

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

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CONDITION RESPONSIVE INDICATING SYSTEM	571	...Alarm on protected article
.With particular coupling link	572.1	...Detectable device on protected article (e.g., "tag")
..Radio		
539.32 ...Including location of misplaced item	572.2	....Specified relationship between field and detection frequencies (e.g., nth order harmonics)
540 .Specific condition		
541 ..Intrusion detection		
542 ...Lock	572.3	....Deactivatable by means other than mere removal
543 ....Permutation	572.4	....Specified processing arrangement for detected signal
544 ...Disturbance of fluid pressure		
545.1 ...Door or window movement	572.5	....Having tuned resonant circuit
546 ....Portable	572.6	....Having "soft" magnetic element (e.g., Permalloy)
545.2 ....Specified sensor		
547 .....Magnetic sensor	572.7	....Specified antenna structure
548 .....Plug or cord tension sensor	572.8	....Specified device housing or attachment means
549 .....Rotatable sensor		
545.3 .....Sensing of electromagnetic energy (e.g., light, infrared, or microwave)	572.9	....Having means locking device to article
545.4 .....Sensing of electrical parameter (e.g., piezoelectricity or capacitance)	573.1	..Human or animal
545.5 .....Inertia-type sensor (e.g., mercury or pendulum switch)	574	...Holdup
545.6 ....Door, cover, or lid for self-contained article (e.g., refrigerator, mailbox, drawer, cabinet, or box)	575	...Sleep
	576	...Drive capability
	573.2	...Nondomestic animal (e.g., for hunting, fishing, or repelling)
	573.3	...Domestic animal training, monitoring, or controlling
	573.4	...House arrest system, wandering, or wrong place
545.7 ...Specified door or window portion (e.g., doorknob)	573.5	...Incontinence or enuresis alarm
545.8 ...Specified door or window attachment (e.g., shade or blind)	573.6	...Water safety alarm
545.9 ....Plural doors or windows	573.7	...Posture alarm
550 ...Partition penetration	577	..Flame
551 ...Disturbance of magnetic field	578	...By radiant energy
552 ...Disturbance of electromagnetic waves	579	...By ionization or conductivity
553 ....Standing waves	580	..Ice formation
554 ....Doppler effect	581	...Thermal
555 ....Light	582	...Vibratory
556 .....Beam	583	...Photoelectric
557 .....Laser	584	..Thermal
561 ...Disturbance of electric field	585	...Refrigerated storage
562 ....Capacitance	586	...Portable
563 .....With bridge	587	...False alarm resistant
564 .....Fence	588	...Time-temperature relationship (e.g., overtemperature exceeds predetermined interval or time-temperature integral)
565 ..Responsive to intruder energy		
566 ...Vibration	589	....Rate of temperature change
567 ...Electromagnetic energy	590	...Fusible, frangible, or destructible sensor
568.1 ..Article placement or removal (e.g., anti-theft)		
568.2 ...Signal-carrying conduit between sensor and article (e.g., cable, power cord, or data link)	591	....Containing pressurized fluid
	592	...Expanding fluid sensor
	593	...Switch sensor
568.3 ....Power cord	594	....With bimetallic element
568.4 ....Specified connector (e.g., phone jack-type plug)	595	...Current modifier or generator
568.5 ...Shopping cart or item thereon	596	....Cable or elongated probe
568.6 ...Sporting equipment (e.g., golfbag, club, cart, or skis)	597	...Curie point sensor
568.7 ...Currency, credit card, or container therefor (e.g., wallet or handbag)	598	...Barrier-layer sensor
568.8 ...Article on pedestal, in display case, or mounted on wall (e.g., work of art)	599	...Bridge circuit
	600	..Radiant energy
569 ...Mailbox		
570 ...Drawer		

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

	CONDITION RESPONSIVE INDICATING SYSTEM	648	...Motor
	.Specific condition	649	...Condition of intentional grounding circuit
601	..Meteorological condition		
602	...Moisture or humidity (e.g., rain)	650	...Undesired circuit ground or short
603	..Fluent material	651	....For plural circuit conductors
604	...Wetness	652	...Breaking of circuit continuity
605	...Leakage	653	...Electronic circuit or component
606	...Flow rate	654	...Circuit energization
607	....Filter clogging	655	...Heating circuit
608	....Stoppage	656	...Electrical socket
609	....Counting	657	..Electrical characteristic
610	....Vane in flow path	658	...Phase or frequency
611	....Pressure	659	...Pulse or surge
612	..Material level	660	...Voltage
613	...Weight in container	661	....Comparison
614	....Pressure	662	...Overvoltage
615	...Moving sensor (e.g., impeller)	663	...Undervoltage
616	...Overflow	664	..Current
617	...Pulverant material (e.g., bin)	665	..Force or stress
618	...Liquid	666	...Weight
619	....Optical sensor	667	...On seat
620	....Electrode probe	668	...Tension
621	....Having sonic sensor	669	..Acceleration
622	....Having heat sensor	670	..Velocity
623	.....Float sensor	671	...Angular
624	.....Vertically reciprocable	672	...Direction of shaft rotation
625	.....Pivoted arm	673	..Article transport
626	...Pressure	674	..Discrete articles
627	...Particle suspension in fluid	675	...Web, film, or strip
628	...Smoke	676	...Conveyor belt
629	....Ionization	677	...Strand
630	....Photoelectric	678	..Of geometrical gauge
631	...Lubricant	679	..Machine condition
632	...Gas	680	...Machine tool
633	...Catalytic detector	681	...Synchronization
634	...Semiconductor detector	682	...Bearing
635	..Condition of electrical apparatus	683	...Vibration
636.1	...Battery	684	...Agricultural
636.11	....By change or rate of change of impedance or admittance	685	...Cranes
636.12	....By current and voltage	686.1	..Position responsive
636.13	....By current	687	...Connected or disconnected
636.14	....Thermochromic indication	688	...Meter dial
636.15	....By voltage	689	...Tilt
636.16	...Having load detail	690	...Geophysical (e.g., fault slip)
636.17	...Having overcharge detection or protection	686.2	...Alignment or misalignment
636.18	....Including temperature detection	686.3	...Shaft or rotary element
636.19	...Battery deterioration detection	686.4	...One article inserted into another
636.2	....Including charging circuit	686.5	...Workpiece
636.21	...Wet cell type	686.6	...Proximity or distance
637	...Watt-hour meter	691.1	..Specified indicator structure
638	...Fuse or circuit breaker	691.2	..Simulated effect
639	...Plural	691.3	..Degree or urgency
640	...Heater element	691.4	..Plural
641	...Signalling light element	691.5	...Diverse
642	...Plural bulbs or filaments	691.6	..Information display
643	....Thermal or magnetic current sensors	692	..Sound reproducer
644	...Switch or relay	691.7	..Mechanical
645	...Rectifier	691.8	..Control circuit detail
646	...Transformer	693.1	..Specified power supply
647	...Insulation	693.2	..Substitute or emergency source (e.g., back-up battery)

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

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	CONDITION RESPONSIVE INDICATING SYSTEM	3.7	..Including indicator
	.Specified power supply	3.71	...Having manual control input
693.3	..Having reduced power consumption (e.g., intermittent power)	3.8	..Electromechanical relay
693.4	..Having specified voltage regulator	3.9	..Control then monitoring
693.5	.Specified housing	825.19	.Communication or control for the handicapped
693.6	..Configured to promote sensing capability (e.g., smoke detector)	825.2	.Synchronizing
693.7	...Inserted battery required for housing closure	825.21	..With addressing
693.8	..Simulation	825.22	.Program control
693.9	..Having specified mounting structure	825.23	..Machine tool
693.11	...To wall or ceiling	825.24	..Of audio system
693.12	...Within another housing	825.25	.Audio system (e.g., by pulse signal)
825	SELECTIVE	825.26	.Stock quotation
825.01	.Spare channel	825.27	..With information storage
825.02	.Tree or cascade	825.28	.Space allocation (e.g., vehicle seat, hotel reservation)
2.1	.Path selection	825.29	..Remote terminal
2.2	..Channel selecting matrix	5.1	.Intelligence comparison for controlling
2.21	...Plural stages	5.2	..Authorization control (e.g., entry into an area)
2.22	....Clos type	5.21	...Varying authorization
2.23	....Alternate routing	5.22	....Code programming
2.24	...Having master control element	5.23	.....Programming from coded record to controller
2.25	...Folded	5.24	.....Using additional record or carrier code
2.26	...Having master control element	5.25	.....Programming of coded record
2.27	...Plural matrices	5.26	...Code rotating or scrambling
2.28	...Crosspoint switch detail (i.e., specific crosspoint)	5.27	...Rule based input
2.29	....Semiconductor	5.28	...Timed access blocking
2.31	....Gas discharge	5.3	...Having indication of improper access
2.4	..Code or pulse responsive	5.31	...Lockout or disable
2.5	..Wiper	5.32	...Visual indication
2.6	..Plural stages	5.33	...Including link to remote indicator
2.7	..Condition of data channel	5.4	...Credit
2.71	...Hunting	5.41	...Banking or finance
2.8	..Data channel selector line	5.42	...Debiting (e.g., rental)
3.1	.Monitoring in addition to control (e.g., supervisory)	5.5	...Input from central location for plural controlled devices
3.2	..Synchronization	5.51	...Manual code input
3.21	...Time slot or packet	5.52	...Biometrics
3.22	...Electromechanical (e.g., relay, rotary distributor)	5.53	....Image (e.g., fingerprint, face)
3.23	....Relay chain	5.54	...Password
3.24	....Step-by-step	5.55	...Rotary input
3.3	..Including storage or recording	5.6	...Coded record input (e.g., IC card or key)
3.31	...Storage at controlled device or sensor	5.61	...Wireless transceiver
3.32	...Storage at controller	5.62	....Including manual switching means
3.4	..Quiescent	5.63	....Including timing means (e.g., clock)
3.41	...Collision avoidance	5.64	...Wireless transmitter
3.42	..Control to avoid fault	5.65	...Electronic coded record
3.43	..Fault condition detection	5.66	...Magnetic coded record
3.44	...Control to correct fault	5.67	...Mechanical coded record
3.5	..Including addressing	5.7	...Access barrier
3.51	...Polling or roll call	5.71	...Garage door
3.52	...Group address	5.72	...Vehicle door
3.53	...Source address	5.73	...Lockbox
3.54	...Destination address	5.74	...Access to electrical information
3.55	....Pulse counting	5.8	..Authentication (e.g., identity)
3.6	..Scanning		
3.61	...Continuous		
3.62	...Interrupted		
3.63	....Automatic		

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

	SELECTIVE	7.53	....Canned message (audible or visual)
	.Intelligence comparison for controlling	7.54	....Via externally coupled device
	..Authentication (e.g., identity)	7.55	....Display
5.81	...Personal identification	7.56	.....Including graphics
5.82	....Biometrics	7.57	....Audible
5.83	.....Image (Fingerprint, Face)	7.58	...Alert
5.84	.....Voice	7.59	....Priority alert
5.85	....Password	7.6	....Vibratory (i.e., tactual) alarm
5.86	...Document authentication	7.61	....Visual
5.9	..Commodity (e.g., vending)	7.62	....Audible
5.91	...Including merchandise information	7.63	...Housing detail
	display system (e.g., store price	825.49	..Location indication
	display)	825.52	.Addressing
5.92	...Item inventorying	825.53	..Plural part (e.g., digit) or
825.36	..Having indication or alarm (e.g.,		repetitions
	location indication)	10.1	..Interrogation response
825.37	..Additional to other selective control	10.2	..Contention avoidance
825.38	..Party line	10.3	..Interrogation signal detail
825.39	...Selection by means of frequency	10.31	...Individual call
825.4	...Selector or indicator, per se	10.32	...Group call
825.41	...Step-by-step impulse	10.33	...Wake up (all call)
825.42	...Polarity controlled	10.34	...Power up
825.43	...Amplitude or polarity controlled	10.4	..Response signal detail
7.1	..Paging to control diverse device	10.41	...Combination response
7.2	..Code responsive (i.e., paging)	10.42	...Identification only
7.21	...Two-way paging	10.5	..Additional control
7.22	....Acknowledgment of message receipt	10.51	...Programming (e.g., read/write)
7.23	.....Including reply to query	10.52	....ID code
7.24	...Transmitting configuration	10.6	..Printout or display
7.25	....Multiple transmitters	825.56	..With multidigit encoder
7.26	.....Simulcast	825.57	.Pulse responsive actuation
7.27	.....Zoned	825.58	..Phase or frequency shift keying
7.28	...Paging terminal (i.e., element prior	825.59	..Polarity
	to the transmitter)	825.6	..Pulse pairs
7.29	....Terminal connected to other network	825.61	..Having delay line
	(e.g., Internet)	825.62	..Serial
7.3	....Queuing	825.63	...Pulse width
7.31	...Message input	825.64	...Pulse spacing (e.g., pulse repetition
7.32	...Power control or battery saving		rate)
7.33	....Based on received signal	825.65	...Counting
7.34	.....Frame based timing	825.66	....Relay
7.35	.....Address based	825.67	....Counting chain
7.36	.....Received signal includes power	825.68	...Shift register
	command	825.69	...Radio link
7.37	....Control based upon available power	825.7	.Phase responsive actuation
7.38	....Time based	825.71	.Frequency responsive actuation
7.39	...Programming the receiver	825.72	..Wireless link
7.4	...Via local device	825.73	..Plural frequencies
7.41	....Over the air	825.74	...Simultaneous
7.42	...Frequency scanning for address	825.75	...Permutation
7.43	..Particular message and address format	825.76	...Corresponding to distinct functions
	(e.g., POCSAG, FLEX, etc.)	825.77	.Amplitude responsive actuation
7.44	....Having error detection or correction	825.78	..Divided resistor
7.45	...Addressing format	14.1	.Decoder matrix
7.46	....Group call	14.2	..Plural stage
7.47	.....Source address	14.3	..Programmable
7.48	.....News information provider (e.g.,	14.31	...Having fusible element
	sports, weather, etc.)	14.4	..Logic crosspoint
7.49	....Tone code (i.e., frequency code)	14.5	..Bistable crosspoint
7.5	...Distress signal		
7.51	...Message presentation		
7.52	....Storing or retrieving message (e.g.,		
	received message database		
	handling)		

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

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	SELECTIVE	301	..Portable box actuating key (e.g., key must be released by signal from central)
	.Decoder matrix		
14.6	..Semiconductor crosspoint		
14.61	...Integrated circuit	302	...Frangible guard or protector for key
14.62	...Transistor	303	..Frangible element must be broken to send signal
14.63	....Field effect transistor		
14.64	....Four or more electrode type	304	..False alarm combating (e.g., detention devices)
14.65	....Plural transistors in element		
14.66	...Semiconductor diode	305	..Local circuit to actuate box
14.67	....Charge storage	306	...Watchman's local circuit
14.68	....Plural diodes at crosspoint	307	..Transmitters
14.69	...Switching element	308	...Controlled by door of signal box
825.97	.Having electron beam device	309	...With make and break wheel
825.98	.System having rectifier	309.16	.Timer control
310.11	REMOTE CONTROL OVER POWER LINE	309.2	..With nonelectrical indicator or exhibitor
310.12	.Modulation technique		
310.13	.Noise reduction (e.g., filtering)	309.3	..With diversely controlled indicator
310.14	..Zero crossing	309.4	..Selectively or sequentially actuated indicators
310.15	.Impedance matching (e.g., Y-match or delta match)	309.5	...With independent manual controller
310.16	.Bi-directional (e.g., with transceiver)	309.6	..Circuit maker-breaker in series
310.17	.With inductive coupling (e.g., transformer or torroid)	309.7	..Reminder device with built-in timer
310.18	.With coupling plug	309.8	..Separate diverse device activated by timer
286.01	SYSTEMS	309.9	..Separate diverse device deactivated by timer
286.02	.Network signaling		
286.03	..Speaking tube including circuit	311.2	.Nonselective paging (e.g., public address system)
286.04	.Manual alarm telegraph; e.g., other than signal box type		
286.05	..Fire	313	.Answer back
286.06	.Call station	314	..Noncorrespondence alarm (e.g., if acknowledgement is incorrect)
286.07	..Hospital	315	.Selsyn type
286.08	..Hotel	316	.Rebalancing at receiver
286.09	..Restaurant	317	..Automatic rebalancing
286.11	.Annunciator	318	.Synchronous distributor at transmitter and receiver
286.12	..Drop annunciator	319	.Plural electromagnets or plural motors receiver
286.13	.Mimic		
286.14	..Mapping	320	.Via fluid conduit (e.g., fire hose)
287	.Signal box type (e.g., to call messenger, plural fire alarm boxes)	321	.Portable self-contained (e.g., movie usher's signalling flashlight)
288	..Combined (e.g., alarm circuit over power line)	322	.Self-cancelling after fixed time
289	...With fire extinguisher (e.g., CO2)	323 R	.Game reporting
290	...Engine house apparatus controlling (e.g., releases horses, starts motor)	323 B	..Bowling
291	..Repeaters (e.g., from central to plural fire houses or to siren)	326	.Plural (e.g., concurrent auxiliary) single indications (e.g., light flashes when bell rings)
292	..Circuit maintenance (e.g., fault alarm, faulty circuit substitution)	327	..With sounder signal cut-off
293	..Variable signal (e.g., police and fire, first and third alarm)	328	.Audible signals (e.g., bell rings softly first and then loudly)
294	...Dial selector for variable signal	329	..Intermittent
295	..Noninterfering (prevents break-in by another box during transmission)	330	.In and out indicators (e.g., doorbell button flashes "out" sign)
296	...Key obstruction type	331	.Periodic or flashing
297	..With signal at box (e.g., preliminary signal to combat false alarms)	332	.Signal light systems
298	...Answer back signal acknowledges transmitted signal	333	.With specific power supply (e.g., power substitution)
299	...Simultaneous (e.g., actuated by transmitted signal)	425.1	REPEATER IN UNSPECIFIED TYPE COMMUNICATIONS LINE OR CHANNEL (E.G., RELAY STATION)
300	...Lamp at box (e.g., to call patrolman)	425.2	.Power control

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

JUNE 2006

407.1	TACTUAL INDICATION	815.9	..By electromagnetically releasable latch
407.2	..With input means (e.g., keyboard)		
815.4	VISUAL INDICATION	815.91	...Having restoring means
815.41	..False signal prevention (anti-sunlight)	815.92	...Gravity operated drop annunciator
815.42	..Having light piping	384.1	AUDIBLE INDICATION
815.43	..With specified colors	384.2	..Ultrasonic pest control
815.44	..Seven-segment indicator	384.3	..Simulation
815.45	..Using light emitting diodes	384.4	..Electronic siren (e.g., wail tone or yelp tone warning device)
815.46	..Audio responsive lamp		
815.47	..Switchboard or panel type (e.g., bullseye)	384.5	..With computer element
815.48	..Pushbutton	384.6	..Piezoelectric
815.49	..Housing	384.7	..Electronic
815.5	...Including optical means	384.71	..Timing
815.51	...Including spring	384.72	..Plural generators
815.52	..With details of energizing circuit	384.73	..With sound transducer details
815.53	..Lighted alphanumeric or character indicator matrix	385.1	..Explosive
815.54	..Having optical means in viewing path	387.1	..Weatherproofing
815.55	..Transparent or translucent indicator with means for blocking light	388.1	..Diaphragm (e.g., horn or buzzer)
815.56	..Color	390.1	..Rotary actuator
815.57	..Having optical device	390.2	...Having spring
815.58	..Step by step positioner	388.2	..Alternating current
815.59	..Having resetting device	388.3	..With auxiliary flexible membrane
815.6	..Remote controller	388.4	..With resonance chamber
815.61	..Drum indicator	388.5	..Armature support
815.62	..Electromagnetic actuator for indicator matrix	388.6	...Having spring
815.63	..Binary indicator	388.7	..Interrupter
815.64	..Electromagnetic rotator for indicator wheel	388.8	...Having spring
815.65	..Multiple colors	391.1	..Housing or mounting
815.66	..By light signal	392.1	..Percussion-type sound producer (e.g., signal chimes or bells)
815.67	...Plural	392.2	..Rotary actuator
815.68	...With movable optical means	393.1	..Plural armatures
815.69	..Diverse indications	393.2	..Battery operated
815.7	..Having percussion type indication (e.g., electric bells, chimes)	393.3	..Pushbutton
815.71	...Electromagnetic	393.4	..Including timer
815.72	..Having pneumatic type indication	392.3	..Volume control
815.73	..With lamp enclosed in transparent housing	401.1	..Alternating current
815.74	..Combined	398.1	..Nonelectrical driving means (e.g., spring or weight)
815.75	..Light source modifier	398.2	...With electromagnetic control
815.76	...Lens type	398.3	...Including circuit breaker
815.77	..Relatively movable light source	392.4	..Tubular sound producer (e.g., signal chimes)
815.78	..Pointer indicator	392.5	..Resonator (e.g., signal chimes)
815.79	..Annunciator	395.1	..Suspended (e.g., locomotive bell)
815.8	...Having electromagnetically releasable latch	397.1	..Armature support
815.81	..Grouped drop annunciators	397.2	...Having spring
815.82	..Support	397.3	..Interrupter
815.83	..Movable	397.4	...Having spring
815.84	..Semaphore	397.5	..Polarized
815.85	..Self restoring type annunciator	396.1	..Housing or mounting
815.86	..Rotary	404.1	..Pneumatic-type sound producer (e.g., whistle or siren)
815.87	...Rotor driven	404.2	..Rotary actuator
815.88	...Vane indicator	404.3	..With valve
815.89	..Circuit closing type	999	MISCELLANEOUS

			FOREIGN ART COLLECTIONS

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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.

FOR 400	VEHICLE POSITION INDICATION (340/988) .Map display (340/995)	FOR 112	...With alarm or indication of improper access (340/825.32)
	LAND VEHICLE ALARM OR INDICATOR (340/425.5)	FOR 113	...Credit (340/825.33)
FOR 401	.Of burglary or unauthorized use (340/426)	FOR 114	..Authentication (e.g., indentivity) (340/825.34)
	CONDITION RESPONSIVE INDICATING SYSTEM (340/500)	FOR 115	..Commodity (e.g., vending) (340/825.35)
	.With particular coupling link (340/531)	FOR 311	SYSTEM WITH RECEIVER SELECTION (455/31.1)
FOR 402	..Radio (340/539)	FOR 312	.Control of selectively responsive paging arrangement over telephone line (379/FOR 102)
	CONDITION RESPONSIVE INDICATING SYSTEM (340/500)	FOR 321	.Receiver scans for address signal (455/32.1)
	.Specific condition (340/540)	FOR 381	.Coded sequence (455/38.1)
	..Intrusion detection (340/541)	FOR 382	..Having actuation (e.g., turn on/off or alarm indication, etcl.) (455/38.2)
FOR 100	...Door or window movement (340/545)	FOR 383	...Power control or battery saving (455/38.3)
	CONDITION RESPONSIVE INDICATING SYSTEM (340/500)	FOR 384	...Visual indication (455/38.4)
	.Specific condition (340/540)	FOR 385	...Tone sequence (455/38.5)
FOR 101	..Article placement or removal (340/568)		SELECTIVE (340/825)
FOR 102	...Detectable device on protected article (340/572)		.Having indication or alarm (e.g., location indication) (340/825.36)
	CONDITION RESPONSIVE INDICATING SYSTEM (340/500)	FOR 244	..Code responsive (e.g., paging) (340/825.44)
	.Specific condition (340/540)	FOR 245	...Distress signal alarm (340/825.45)
FOR 103	..Human or animal (340/573)	FOR 246	...Vibratory (tactual) alarm (340/825.46)
	CONDITION RESPONSIVE INDICATING SYSTEM (340/500)	FOR 247	...Group call (340/825.47)
	.Specific condition (340/540)	FOR 248	...Tone code (340/825.48)
	..Condition of electrical apparatus (340/635)	FOR 108	.Interrogation response (340/825.54)
FOR 403	...Battery (340/636)	FOR 109	..Printout (e.g., logging) or display (340/825.55)
FOR 104	..Position responsive (340/686)	FOR 279	.Matrix (340/825.79)
	CONDITION RESPONSIVE INDICATING SYSTEM (340/500)	FOR 280	..Plural stage (340/825.8)
FOR 105	.Specified indicator structure (340/691)	FOR 281	..Electroluminescent elements (340/825.81)
	CONDITION RESPONSIVE INDICATING SYSTEM (340/500)	FOR 282	...Light-emitting diode (340/825.82)
FOR 106	.Specified power supply or housing (340/693)	FOR 283	..Programmable (340/825.83)
	SELECTIVE (340/825)	FOR 284	...Having fusible element (340/825.84)
FOR 203	.Channel selection (340/825.03)	FOR 285	..Semiconductor crosspoint (340/825.85)
FOR 326	..Plural stage matrix system (e.g., path finding) (340/826)	FOR 286	...Integrated circuit (340/825.86)
FOR 327	...Alternate routing (340/827)	FOR 287	...Logic (340/825.87)
FOR 204	..Code or pulse responsive (340/825.04)	FOR 288	...Bistable (340/825.88)
FOR 107	.Loop (340/825.05)	FOR 289	...Switching element (340/825.89)
FOR 206	.Monitoring and control (e.g., supervisory) (340/825.06)	FOR 290	...Transistor (340/825.9)
FOR 207	..Having addressing (340/825.07)	FOR 291	....Field effect transistor (340/825.91)
FOR 208	...Polling or roll call (340/825.08)	FOR 292	....Four or more electrodes (340/825.92)
FOR 209	..Quiescent (340/825.09)	FOR 293	....Plural (340/825.93)
FOR 210	..Scanning (340/825.1)	FOR 294	...Diode (340/825.94)
FOR 211	...Continuous (340/825.11)	FOR 295	....Charge storage (340/825.95)
FOR 212	...Interrupted (340/825.12)	FOR 296	....Plural diodes at crosspoint (340/825.96)
FOR 213	....Automatic (340/825.13)		SYSTEMS (340/286.01)
FOR 214	..Synchronization (340/825.14)	FOR 404	.Timer controlled (340/309.15)
FOR 215	..Having storage or recording (340/825.15)	FOR 301	.Paging (340/311.1)
FOR 216	..Fault condition (340/825.16)	FOR 405	.Signal over power line (340/310.01)
FOR 217	..Having indicator (340/825.17)	FOR 406	..Modulation technique (340/310.02)
FOR 218	..Relay (340/825.18)		
FOR 110	.Intelligence comparison (340/825.3)		
FOR 111	..Authorization control (e.g., entry into an area) (340/825.31)		

CLASS 340 COMMUNICATIONS: ELECTRICAL

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SYSTEMS (340/286.01)
..Signal over power line (340/310.01)
FOR 407 ..Noise reduction (e.g., filtering)
 (340/310.03)
FOR 408 ...Zero crossing (340/310.04)
FOR 409 ..Impedance matching (e.g., Y-match or
 delta match) (340/310.05)
FOR 410 ..Bidirectional (e.g., with transceiver)
 (340/310.06)
FOR 411 ..With inductive coupling (e.g.,
 transformer or torrid) (340/310.07)
FOR 412 ..With coupling plug (340/310.08)

D. CHANGES TO THE DEFINITIONS (PROJECT NO. E-6838)

CLASS 84 – MUSIC

Subclass 618: Under SEE OR SEARCH CLASS

Delete:

The reference to Class 340.

CLASS 340 - COMMUNICATIONS: ELECTRICAL

Subclasses Deleted

825.5, 825.51

CLASS 345 – COMPUTER GRAPHICS PROCESSING AND SELECTIVE VISUAL
DISPLAY SYSTEMS

Class definition: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication
systems,

CLASS 370 – MULTIPLEX COMMUNICATIONS

Subclass 462:

Delete:

SEE OR SEARCH CLASS: and the reference to Class 340.

CLASS 455 – TELECOMMUNICATIONS

Subclass 527:

Delete:

SEE OR SEARCH CLASS: and the reference to Class 340.

Subclass 528:

Delete:

SEE OR SEARCH CLASS: and the reference to Class 340.

CLASS 709 – ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING

Class Definition: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication systems,

Subclass 200: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication systems,

Subclass 220: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

,particularly subclasses 825.5+ for lockout or priority in selective communication systems

Subclass 225: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

,particularly subclasses 825.5+ for lockout or priority in selective communication systems

Subclass 226: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

,particularly subclasses 825.5+ for lockout or priority in selective communication systems

CLASS 710 – ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING
SYSTEMS: INPUT/OUTPUT

Class Definition: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication systems;

Subclass 100: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication systems,

CLASS 711 – ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MEMORY

Class Definition: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication systems,

Subclass 100: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication systems,

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

Class Definition: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication systems,

Subclass 1: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication systems,

CLASS 713 – ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
SUPPORT

Class Definition: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication systems;

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

Class Definition: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5 and 825.51 for lockout or priority in a selective
communication system,

Subclass 168: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5 and 825.51 for lockout or priority in a selective
communication system,

Subclass 173: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5 and 825.51 for lockout or priority in a selective
communication system,

Subclass 174: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5 and 825.51 for lockout or priority in a selective
communication system,

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

Class Definition: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication systems,

CLASS 719 – ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
INTERPROGRAM COMMUNICATION OR INTERPROCESS

Class Definition: Under SEE OR SEARCH CLASS, in the reference to Class 340

Delete:

subclasses 825.5-825.51 for lockout or priority in selective communication systems,