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CLASSIFICATION ORDER 1856

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924 ..Local controller can be superceded by central station controller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

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

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

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

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

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

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

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

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407.1 TACTUAL INDICATION
407.2 .With input means (e.g., keyboard)
815.4 VISUAL INDICATION
815.41 .False signal prevention (anti-sunlight)
815.42 .Having light piping
815.43 ..With specified colors
815.44 .Seven-segment indicator
815.45 .Using light emitting diodes
815.46 .Audio responsive lamp
815.47 .Switchboard or panel type (e.g., bullseye)
815.48 ..Pushbutton
815.49 ..Housing
815.5 ...Including optical means
815.51 ...Including spring
815.52 ..With details of energizing circuit
815.53 .Lighted alphanumeric or character indicator matrix
815.54 ..Having optical means in viewing path
815.55 .Transparent or translucent indicator with means for blocking light
815.56 ..Color
815.57 ..Having optical device
815.58 .Step by step positioner
815.59 ..Having resetting device
815.6 ..Remote controller
815.61 ..Drum indicator
815.62 .Electromagnetic actuator for indicator matrix
815.63 .Binary indicator
815.64 .Electromagnetic rotator for indicator wheel
815.65 .Multiple colors
815.66 ..By light signal
815.67 ...Plural
815.68 ...With movable optical means
815.69 .Diverse indications
815.7 ..Having percussion type indication (e.g., electric bells, chimes)
815.71 ...Electromagnetic
815.72 ..Having pneumatic type indication
815.73 .With lamp enclosed in transparent housing
815.74 ..Combined
815.75 ..Light source modifier
815.76 ...Lens type
815.77 ..Relatively movable light source
815.78 .Pointer indicator
815.79 ..Annunciator
815.8 ...Having electromagnetically releasable latch
815.81 .Grouped drop annunciators
815.82 ..Support
815.83 .Movable
815.84 ..Semaphore
815.85 ..Self restoring type annunciator
815.86 ..Rotary
815.87 ...Rotor driven
815:88 ...Vane indicator
815.89 ..Circuit closing type
815.9 ..By electromagnetically releasable latch
815.91 ...Having restoring means
815.92 ...Gravity operated drop annunciator
384.1 AUDIBLE INDICATION
384.2 .Ultrasonic pest control
384.3 .Simulation
384.4 .Electronic siren (e.g., wail tone or yelp tone warning device)
384.5 .With computer element
384.6 .Piezoelectric
384.7 .Electronic
384.71 ..Timing
384.72 ..Plural generators
384.73 ..With sound transducer details
385.1 .Explosive
387.1 .Weatherproofing
388.1 .Diaphragm (e.g., horn or buzzer)
390.1 ..Rotary actuator
390.2 ...Having spring
388.2 ..Alternating current
388.3 ..With auxiliary flexible membrane
388.4 ..With resonance chamber
388.5 ..Armature support
388.6 ...Having spring
388.7 ..Interrupter
388.8 ...Having spring
391.1 ..Housing or mounting
392.1 .Percussion-type sound producer (e.g., signal chimes or bells)
392.2 ..Rotary actuator
393.1 ..Plural armatures
393.2 ..Battery operated
393.3 ..Pushbutton
393.4 ..Including timer
392.3 ..Volume control
401.1 ..Alternating current
398.1 ..Nonelectrical driving means (e.g., spring or weight)
398.2 ...With electromagnetic control
398.3 ....Including circuit breaker
392.4 ..Tubular sound producer (e.g., signal chimes)
392.5 ..Resonator (e.g., signal chimes)
395.1 ..Suspended (e.g., locomotive bell)
397.1 ..Armature support
397.2 ...Having spring
397.3 ..Interrupter
397.4 ...Having spring
397.5 ..Polarized
396.1 ..Housing or mounting
404.1 .Pneumatic-type sound producer (e.g., whistle or siren)
404.2 ..Rotary actuator
404.3 ..With valve
999 MISCELLANEOUS

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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.

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

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 ARCHITECHTURES 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,