1	INTERFERENCE SIGNAL TRANSMISSION	426.1	Including other radio communication system (e.g.,
	(E.G., JAMMING)		cordless telephone, paging,
2.01	AUDIENCE SURVEY OR PROGRAM		trunking, etc.)
	DISTRIBUTION USE ACCOUNTING	426.2	Wireless service for fixed
3.01	WIRELESS DISTRIBUTION SYSTEM	420.2	premises equipment (e.g.,
3.02	.Receiver for satellite broadcast		Wireless Local Loop (WLL)
3.03	.Remote control of distribution		Telco emulator, etc.)
3.04	With subscriber selection or	427	
	switching	427 428	Space satellite
3.05	.Two-way	-	Switching or routing
3.06	.Combined with diverse art device	429	Cell projection
	(e.g., audio/sound or	430	Ground station control
	entertainment system)	431	Airborne or aircraft
400	HAVING SINGLE-CHANNEL TELEPHONE	432.1	Roaming
	CARRIER	432.2	System format conversion
401	.Including call signaling (e.g.,	432.3	Service profile
-	ringing, off-hook, dialing)	433	Home location registration
402	.Over power line		(HLR) or visitor location
403	RADIOTELEPHONE SYSTEM		registration (VLR) detail
404.1	.Emergency or alarm communication	434	Control or access channel
404.2	Location monitoring		scanning
404.2 405	-	435.1	Registration
	.Usage measurement	435.2	System selection
406	Billing	435.3	Based on priority
407	At subscriber unit	436	Handoff
408	At remote station	437	Mobile assisted or initiated
409	Rental	438	Serving site initiated
410	.Security or fraud prevention	439	Handoff initiated by another
411	Privacy, lock-out, or	432	source (e.g., target, user
	authentication		initiated, mobile switching
412.1	.Message storage or retrieval		center (MSC), or mobile
412.2	Having message notification		telephone switching office
413	Voice mail		(MTSO), etc.)
414.1	.Special service	440	Based upon unit location
414.2	User location independent	441	Based upon unit velocity
	information retrieval	442	Soft handoff
414.3	Based on request (e.g., news,	442 443	
	weather, etc.)	-	Overlapping cells
414.4	Format conversion (e.g., text,	444	Between macro and micro cells
	audio, etc.)	445	Call routing (e.g., to prevent
415	Caller identification		backhaul, routing efficiency,
416	Call conferencing		least cost, or alternate
417	Call diversion	115	routing)
418	.Programming control	446	Including cell planning or
419	Remote programming control		layout
420		447	Frequency reuse scheme
	Control of another apparatus	448	Co-located systems
421 422 1	.Out-of-range indication	449	Hierarchical cell structure
422.1	.Zoned or cellular telephone	450	Channel allocation
402	system	451	Hybrid allocation
423	Diagnostic testing, malfunction	452.1	Dynamic allocation
	indication, or electrical	452.2	Based on service quality
	condition measurement		(e.g., bandwidth, etc.)
424	System equipment	453	Load balancing
425	Subscriber equipment		

# 455 - 2 CLASS 455 TELECOMMUNICATIONS

454	Spectrum sharing for different	18
	type of system (e.g., point-	19
	to-point microwave,	20
	television, etc.)	21
455	Channel seizing	22
456.1	Location monitoring	23
456.2	Based on request signal	24
456.3	Position based personal	24
	service	25
456.4	Quiet or transmission	26.
10011	prevention mode	20.
456.5	At system equipment (i.e.,	39
	base station)	55
456.6	At remote station (i.e.,	40
	mobile station)	41.
457	Location display	- T T •
458	Specific paging technique	41.
459	Meet-me system	41.
460	Auto-dialing	41. 42
461	.Including personal numbering	
TOT	system (i.e., intelligent	43
	network for subscriber	
	tracking or follow-me	
	subscriber feature)	
462	.Including private cordless	44
402	extension system	45
463	Multi-users	46
464	Channel selection or allocation	47
465	.Including public cordless	4.0
405	extension system	48
466	Auxiliary data signaling (e.g.,	500
400		
7	short message service (SMS)) CARRIER WAVE REPEATER OR RELAY	501
1	SYSTEM (I.E., RETRANSMISSION	
	OF SAME INFORMATION)	502
8		503
0	.Failure compensation (e.g.,	504
9	spare channel)	505
-	.Monitoring	506
10	Fading compensation	507
11.1	.Portable or mobile repeater	
12.1	Space satellite	508
13.1	With plural repeater or relay	509
10.0	systems	510
13.2	With synchronizing of	
10.0	satellites or system	511
13.3	With antenna feed network or	
	multiple antenna switching	512
13.4	Power control	513
14	.With transmission line	
15	.Two separate way transmission	514
16	Simultaneous using plural	
	repeaters at each location	
17	.Plural modulated carriers	

.8	.With delay or recording
.9	.Common antenna
20	.With frequency conversion
21	With demodulator
22	Plural conversion stages
23	.Frequency or phase modulation
24	.Transmitter/receiver feedback
	compensation
25	.Directive antenna
26.1	USE OR ACCESS BLOCKING (E.G.,
	LOCKING SWITCH)
39	TRANSMITTER AND RECEIVER AT
	SEPARATE STATIONS
10	.Earth or water medium
11.1	.Near field (i.e., inductive or
	capacitive coupling)
1.2	.Short range RF communication
1.3	To output device
12	.Frequency or phase modulation
13	With modification of
	frequencies of analog signal
	passed (e.g., pre-emphasis and
	de-emphasis)
14	With stated modulation index
15	Via subcarrier
16	.Suppressed carrier wave system
17	.Single or vestigial sideband
	system
18	.Inverted sideband
500	.Plural transmitters or receivers
01	(i.e., more than two stations)
501	Noise, distortion, or singing
502	reductionSynchronized stations
502 503	Simulcast system
504	Fading compensation
505	Due to weather
506	Rayleigh or multipath fading
507	Central station (e.g., master,
,0,	etc.)
508	Having console
509	Channel allocation
510	Plural requests (e.g.,
	retries)
511	Control channel/voice channel
	conversion
512	Based on priority
513	Ranking (e.g., based on
	signal strength, etc.)
514	Having storage detail

## CLASS 455 TELECOMMUNICATIONS

515	Control channel monitoring (i.e., paging or access	67.7	With indication (e.g., visual or voice signalling, etc.)
	channel signaling) for system	68	.With control signal
516	access Channel seizing	69	Transmitter controlled by signal feedback from receiver
517	To or from mobile station	701	Tone coded squelch
518	Having talk group	702	Plural tones
519	Talk group forming (e.g.,	703	Difference frequency
010	dynamic regrouping, talk group	70	Receiver control signal
	assignment)	70	originates at message
520	On-site or multi-site		transmitter
520	trunking	71	Frequency control
521	Emergency dispatch or	72	
-	response	12	For compression and expansio of message signal (i.e.,
522	Transmission power control		companding)
	technique	73	TRANSMITTER AND RECEIVER AT SAM
523	Using radiating transmission		STATION (E.G., TRANSCEIVER)
	line	74	.Convertible (e.g., to diverse
524	Multiple base stations		art device)
525	Base station selection	74.1	Cordless/corded conversion
526	Plural receivers tuned to	75	.With frequency stabilization
	common frequency		(e.g., automatic frequency
527	Break-in or priority override		control)
528	Lockout or busy-idle signaling	76	Synthesizer
59	.Single message via plural	77	.With tuning
	carrier wave transmission	78	.With transmitter-receiver
60	Different phases of same frequency carrier		switching or interaction prevention
61	.Single message via plural	79	Automatic (e.g., voice
01	modulation of single carrier		operated)
62	.Optimum frequency selection	80	With distributed parameter
63.1	.Distortion, noise, or other		coupling
0011	interference prevention,	81	Waveguide
	reduction, or compensation	82	Common antenna
63.2	System with hierarchical	83	
00.2	coverage areas	05	transmitter and receiver
63.3	Frequency switching	84	.With a common signal processin
63.4	Directional antenna	04	stage
64	Plasma source or barrier	85	Transmitter oscillator used a
65	Anti-multipath	05	detector
66.1	.Having diverse art device	86	Transmitter oscillator used a
67.11		00	local oscillator
0/.11	.Having measuring, testing, or	87	Tunable or variable
67.12	monitoring of system or part Using a chamber (e.g., room	88	.Transceiver controlling a
07.12	testing or audio surveillance,	00	separate transceiver or receiver
CT 10	etc.)	EE0 1	
67.13	Noise, distortion, or unwanted	550.1	.Radiotelephone equipment detai
	signal detection (e.g.,	551	Number assignment module (NAM
	quality control, etc.)	<b>FFO 1</b>	detail
67.14	Using a test signal	552.1	Operable on more than one
67.15	Of a microwave link or system		system
67.16	Phase measuring (e.g., group delay, propagation effect,	553.1	Radiotelephone having plural transceivers (e.g., for analo
	etc.)		and digital, trunking and

07.7	WICH HIGHCALION (E.g., VISUAL
	or voice signalling, etc.)
68	.With control signal
69	Transmitter controlled by
	signal feedback from receiver
701	Tone coded squelch
702	Plural tones
703	Difference frequency
70	Receiver control signal
-	originates at message
	transmitter
71	Frequency control
72	For compression and expansion
, 2	of message signal (i.e.,
	companding)
73	TRANSMITTER AND RECEIVER AT SAME
15	STATION (E.G., TRANSCEIVER)
74	
	.Convertible (e.g., to diverse art device)
74.1	Cordless/corded conversion
75	.With frequency stabilization
	(e.g., automatic frequency
	control)
76	Synthesizer
77	.With tuning
78	.With transmitter-receiver
	switching or interaction
	prevention
79	Automatic (e.g., voice
	operated)
80	With distributed parameter
	coupling
81	Waveguide
82	Common antenna
83	Single antenna switched between
	transmitter and receiver
84	.With a common signal processing
	stage
85	Transmitter oscillator used as
	detector
86	Transmitter oscillator used as
	local oscillator
87	Tunable or variable
88	.Transceiver controlling a
	separate transceiver or receiver
550.1	.Radiotelephone equipment detail
551	Number assignment module (NAM)
	detail
552.1	Operable on more than one
	system
553.1	Radiotelephone having plural
	transceivers (e.g., for analog
	and digital, trunking and

cellular, etc.)

# 455 - 4 CLASS 455 TELECOMMUNICATIONS

554.1	Remote private branch exchange (PBX) with wireless link to landline	-
554.2	Equipment detail for providing wireless link to fixed	-
	equipment (e.g., WLL, Telco emulator, etc.)	<u>-</u>
555	Wireless private branch	-
	exchange (PBX) (i.e., wireless link to extension unit)	-
556.1	Integrated with other device	-
556.2	Personal digitial assistant	-
557	Interface attached device	-
	(e.g., interface with modem, facsimile, computer, etc.)	0
558	Card control element	c
559	Smart cable	-
560	Switching unit detail (e.g.,	C
	mobile telephone switching	-
	office (MTSO), base station	-
	controller (BSC), etc.)	-
561	Base station detail	
562.1	Having specific antenna	-
	arrangement	-
563	Having voice recognition or	
	synthesization	1
564	<pre>Auto-dialing or repertory dialing (e.g., using bar code, etc.)</pre>	-
565	Restrictive dialing circuitry	-
566	Having display	
567	Call alerting	
569.1	Hands-free or loudspeaking	-
	arrangement	-
569.2	In vehicle	
570	Noise suppression or echo cancellation	-
571	Power booster	
572	Power supply	-
573	Battery charging	-
574	Power conservation	-
575.1	Housing or support	-
575.2	Headgear	_
575.3	Foldable type	
575.4	Slidable type	-
575.5	Antenna shielding	
575.6	Attached or connected to user	1
575.7	Having specific antenna arrangement	
575.8	Protective cover	_
575.9	In vehicle	2
90.1	.Having particular application	-
	(e.g., avalanche victim	
	assistance) of a transceiver	

90.2	.Having particular configuration (e.g., C.B., or walkie-talkie)
90.3	of a transceiver .Having particular housing or
	support of a transceiver
91	TRANSMITTER
92	.Remote control of a transmitter
93	.Convertible to different type (e.g., AM to FM)
94	.Alternator
95	.Mobile or portable
96	Transmitter ejected from moving vehicle
97	With antenna ejection or external support
98	With aircraft, satellite, or projectile
99	With vehicle
L00	Body attached or connected
L00 L01	
L01 L02	-
	.Plural modulation
L03	.Plural separate transmitters or channels
L04	Carrier and sidebands
	separately transmitted
L05	Common frequency
L06	.Modulation by absorption,
	shielding, or reflecting
L07	.With variation of antenna
	impedance or dimension for modulation
L08	.Amplitude modulation
L09	Vestigial or single sideband or suppressed carrier
L10	.Angle modulation
L10 L11	Including distributed parameter
	structure
L12	With frequency multiplication or division
L13	With frequency control
L14.1	
L14.1	.Having harmonic radiation
	suppression
L14.2	Noise or interference elimination
L14.3	Predistortion (e.g., for power amplifier)
L15.1	.Measuring, testing, or monitoring of transmitter
L15.2	Using a test signal
L15.3	Signal strength
L15.4	Having meter or indicator
L15.4 L16	

### **CLASS 455 TELECOMMUNICATIONS**

117	.With electrical protection of transmitter circuit or	148	With oscilloscope sweep signal derivation or control
110	operator	149	.Plural output (e.g., plural
118	.Frequency conversion	1 - 0 1	speakers) (not stereo)
119	.Carrier frequency stabilization	150.1	.Signal selection based on
120	.Including tuning		frequency (e.g., tuning)
121	In antenna circuit	151.1	Remote control of channel or
122	With saturable reactor		station selection
123	Automatically controlled	151.2	Wireless link (sonic, RF, or
124	Distributed parameter device		infrared)
125	Automatic adjustment of tuning	151.3	Remote oscillator tuned
126	.With feedback of modulated	151.4	Plural electronic devices
	output signal		controlled
127.1	.Power control, power supply, or	152.1	Of or combined with vehicle
	bias voltage supply		receiver
127.2	Gain control	153.1	Mechanical
127.3	Plural amplifier stages	153.2	With wired link
127.4	Dual mode (e.g., analog and	154.1	With indication of frequency,
	digital)		channel, or selector condition
127.5	Power conservation	454.0	(e.g., tuning aid)
128	.With casing or housing	154.2	Scanning display
129	.With coupled antenna	155.1	By meter
130	RECEIVER OR ANALOG MODULATED	156.1	Audible indicator
	SIGNAL FREQUENCY CONVERTER	157.1	Analog frequency indication
131	.Frequency conversion between		(e.g., dial)
	signal source (e.g., wave	157.2	With light indication or bar
	collector) and receiver		type
132	.Plural receivers	158.1	Channel index indication
133	With output selecting	158.2	With electronic digital
134	By signal strength		indication
135	By signal quality (e.g.,	158.3	Using a counter
	signal to noise ratio)	158.4	With multiple display
136	With control (e.g., automatic		functions
	gain control, automatic	158.5	Non-numeric display (e.g.,
	frequency control, etc.)		call letters)
137	With output combining	159.1	Variable light indication
138	With control (e.g., automatic	159.2	Plural lamps
100	gain control)	160.1	
139	Frequency or phase control	100.1	manual and scanning, etc.)
140	Selectively actuated or	161.1	Frequency scanning
140	controlled	161.2	With processor control
141	Including common stage (e.g.,	161.3	Using signal strength or
141	local oscillator)	101.3	quality
142		160 1	
142	.Convertible to different type	162.1	Motor activated
1 4 2	(e.g., AM to FM)	163.1	Reversible motor (e.g., end-
143	With distinct signal path for	1 ( 1 1	stop control)
1 4 4	each type	164.1	With automatic frequency
144	With dual purpose amplifying or	164 0	control
	other stage	164.2	Processor controlled (AFC)
145	.Panoramic display	165.1	With frequency synthesizer
146	Plural separate paths or plural	166.1	With channel skipping
	oscillators		selection
147	Particular local oscillator	166.2	With priority channel
	control		selection
		167.1	With dual sweeping

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#### **CLASS 455 TELECOMMUNICATIONS** 455 - 6

168.1	Multiband	193.2	With plural resonant circuits
169.1	With particular variable	193.3	Including varactor diode
1.0.0	voltage or current tuning	194.1	With muting (e.g., silent
169.2	With varactor diode	104 0	tuning)
170.1	With mechanical or	194.2	Amplifier controlled
171.1	electromechanical selection	195.1	Variable voltage or current tuning
172.1	Including a motor	196.1	Including variation of local
173.1	With automatic frequency	190.1	oscillator frequency
1,2.1	control of fine tuning	197.1	By simultaneous control with
174.1	With muting (e.g., silent	±97•±	signal selection
1/4.1	tuning)	197.2	Variable capacitor tuned
175.1	With carrier wave preset	197.3	Including additional tuning
176.1	Combined with band selection	197.9	circuit
177.1	Combined with other control	198.1	Including distributed
1//•1	(e.g., bandwidth, volume,	190.1	parameter control device
	gain, etc.)	199.1	Discrete frequency types
178.1	With plurality of tunable	1)).1	(e.g., channel switching)
1/0.1	circuits	200.1	With other control (e.g.,
179.1	Channel or station selection	200.1	volume, gain, bandwidth, etc.)
180.1	Combined with band selection	201	.Exalted carrier
180.2	UHF and VHF	201	.Suppressed carrier
180.2	With phase locked loop (PLL)	202	
100.3			.Carrier and single sideband
180.4	tuning	204	.Vestigial sideband
180.4	Varactor tuned (e.g.,	205	.Frequency or phase modulation
101 1	varactor diode)	206	Responsive to one of
181.1	Time controlled	0.07	overlapping signals
182.1	With frequency control	207	With plural conversion
182.2	Automatic (AFC)	208	With synchronized or controlled
182.3	Fine tuning	000	local oscillator
183.1	With frequency synthesizer	209	Plural local oscillators or
183.2	Processor controlled	010	mixers
184.1	With comparing desired and	210	With carrier amplitude
105 1	existing tuning conditions		modulation elimination (e.g.,
185.1	With channel information	011	specified limiter)
105 1	storage	211	Combined with other function
186.1	With memory control or	212	With squelch or other audio
100 0	programming	010	output silencing
186.2	Having a keyboard	213	Using specified filter
187.1	Separate tuned circuits for	214	With particular discriminator
100 1	each channel or station	015	or detector
188.1	Band selection	215	Superregenerative
188.2	UHF and VHF	216	With particular frequency
189.1	With plural separate mixer or	015	division or multiplication
	converter circuits	217	.With protection circuit for
190.1	With frequency conversion	010	receiver circuit
191.1	With plurality of tuned	218	.Squelch
	circuits	219	With automatic gain or volume
191.2	Varactor tuned		control
191.3	With switching between stages	220	Adjustable
192.1	With frequency control	221	Audio responsive
192.2	Automatic (AFC)	222	Noise controlled
192.3	Fine tuning	223	Short duration (noise
193.1	With antenna circuit tuning		blankers)

#### CLASS 455 TELECOMMUNICATIONS

224	Separate broadband detector channel	251.1	Plural stages with different levels or bias to each stage
225	Plural paths		(e.g., partial automatic gain
226.1	.Measuring or testing of receiver		control)
226.2	Signal strength	252.1	Semiconductor
226.3	Signal-to-noise ratio	253.1	Plural stages controlled with
226.4	With meter or indicator		plates, screen grids, or
220.1	.Responsive to an input signal of		cathodes connected in parallel
227	particular predetermined	253.2	Plural amplifier stages
	frequency	254	Sensitivity control
228	Responsive to specified	255	Local oscillator frequency
220	modulation (e.g., call alarm,		control
	Conelrad)	256	Combined with other control
229	Responsive to carrier absence	257	Automatic
	or presence	258	Utilizing particular local
230	.Local control of receiver	250	oscillator control
230	operation	259	Reference oscillator or
231	-	237	source
231 231	Applied at or for specific	260	Phase lock loop or
232.1	intervals or periods of time	200	_
	Gain control	261	frequency synthesizer
233.1	With diverse control (tone,	201	Variable reactance (e.g.,
024 1	etc.)	262	reactance tube)
234.1	Automatic	202	Voltage controlled
234.2	Processor controlled	262	capacitor
235.1	Forward acting	263	Discriminator or detector
236.1	Variable conversion	264	Voltage control of
	efficiency (variable	0.65	oscillator
	oscillator amplitude, etc.)	265	With local oscillator
237.1	Responsive to locally	0.5.5	synchronization or locking
	injected pilot	266	Selectivity or bandwidth
238.1	Responsive to vehicle speed		control
239.1	Nonlinear automatic gain	267	Tone control
	control	268	Fidelity control
240.1	Variable automatic gain control loop gain	269	.With wave collector (e.g., antenna)
241.1	Different gain stages	270	Power-line or receiver element
242.1	Delayed		used as wave collector
242.2	Different delay for	271	Suppression of radiation from
	different signal stages or		receiver via wave collector
	thresholds	272	Plural separate collectors
243.1	Radio frequency stage only	273	With particular output
	delayed		combining
244.1	Dual time constant	274	Loop or coil antenna
245.1	Automatic gain control signal	275	With frequency changing or
	derived from information		selecting in the output path
	signal		of one or more collectors
245.2	Plural stages controlled	276.1	With phase shifting,
246.1	Responsive to plural inputs		correcting, or regulating in
247.1	Separate automatic gain		the output path of one or more
	control signals		collectors
248.1	Constant or controlled input	277.1	Selectively or alternately
	impedance		connected to receiver
249.1	Variable attenuator type	277.2	By signal quality (e.g.,
250.1	Automatic gain control to		noise)
	improve strong signal handling		

# 455 - 8 CLASS 455 TELECOMMUNICATIONS

278.1	Combined with noise or interference elimination	310	Internally generated noise or oscillations
279.1	Plural antenna currents	311	In radio frequency amplifier,
200	entering single transformer		intermediate frequency amplifier or converter circuit
280	With coupling to a stage of the	312	*
0.01	receiver	312	In demodulator or low frequency
281	Having distributed parameters	212	(e.g., audio frequency)
282	Transmission line	313	.Frequency modifying or
283	Undesired signal or noise	214	conversion
0.0.4	control (e.g., antistatic)	314	Plural separate successive
284	Balancing or cancelling	215	conversions
285	With image frequency	315	With plural separate local
000	suppression	210	oscillators
286	Wave filter, coil, or wave	316	With frequency stabilization
	trap		for at least one local
287	Shunt or bypass	217	oscillator
288	Particular composition (e.g.,	317	Unwanted oscillation or
	of cell or element)	210	radiation prevention
289	With coupling varying,	318	With specified local oscillator
	regulating, or control	210	structure or coupling
290	Including passive tuned	319	With particular coupling
	circuit	320	Lumped impedance
291	Using active device (e.g., as	321	In a single envelope or with
	preamplifier or reactance)		common active element (e.g.,
292	Transformer or other passive	200	autodyne)
	inductance	322	Plural common electrode
293	Specified stage (e.g., mixer,	323	Particular frequency conversion
	amplifier, or demodulator)	204	structure or circuitry
294	With particular electron tube	324	Homodyne (i.e., zero beat or
	structure	205	synchrodyne reception)
295	.Modulation distortion or cross	325	Including distributed
	talk correction or elimination	205	electrical parameter structure
296	.Noise or interference	326	With balanced mixer
	elimination	327	Stripline
297	In vehicle	328	Hollow waveguide
298	Originating in power supply	329	Electron beam tube
299	Filter or rectification in	330	With nonlinear impedance
	power supply energized by		(e.g., diode)
	fluctuating or a.c. source	331	Crystal or electron tube diode
300	By shielding	332	Push-pull
301	Plural or compartmented	333	Transistor or integrated
	shielding structure		circuit
302	Image frequency suppression	334	.With particular receiver circuit
303	Using plural separate signal	335	Plural diverse function tube or
	paths		stage (performs plural
304	Phase shift in at least one		functions alternately or
	path		concurrently)
305	With balancing or neutralizing	336	Superregenerative detector or
306	Filter in at least one path		discriminator
307	With specific filter structure	337	Discriminator or demodulator
308	With amplitude limiter	338	Coupling or decoupling between
309	In demodulator or low		stages
	frequency (audio amplifier	339	Band pass filter
	circuit)	340	Variably tunable or adjustable
		341	Amplifier

342	Reflex type
343.1	Having particular power or bias supply (including self-powered
242 0	or battery saving means)
343.2	Battery saving based on received signal
343.3	Based on identification
343.4	Based on schedule information
343.5	Battery saving based on
242 6	detected power source level
343.6	Back-up power supply
344	.Combined with diverse art device
345	With vehicle
346	Detachable for portability
347	.Cabinet, housing, or chassis structure
348	With retractable or readily
540	detachable chassis
349	Sectional or interconnectable
	(e.g., modules)
350	With particular speaker
	mounting
351	Transportable
352	.Remote control of receiver
353	Plural conditions from remote
	station
354	Mechanical
355	Amplitude, volume, or gain
	control
899	MISCELLANEOUS

#### 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.

#### FOR 106 PLURAL TRANSMITTERS OR RECEIVERS (I.E., MORE THAN TWO STATIONS) (455/49.1)

FOR 107 .Noise, distortion, or singing reduction (455/50.1)

FOR	108	Synchronized stations (455/ 51.1)
FOR	109	Simulcast system (455/51.2)
		Fading compensation (455/52.1)
		Due to weather attenuation
1 010	<b>T T T</b>	(455/52.2)
FOR	112	Rayleigh or multipath fading
POR		(455/52.3)
FOR	113	.With central station (e.g.,
1 010	110	master, etc.) (455/53.1)
FOR	11/	To or from mobile station (455/
1 010	T T 4	54.1)
FOR	115	With service request and
1 010	110	response (455/54.2)
FOR	116	Using radiating transmission
1 010	110	line (455/55.1)
FOR	117	Multiple base stations (455/
1 010	тт <i>і</i>	56.1)
FOR	118	Plural receivers tuned to
1 010	110	common frequency (455/57.1)
FOR	119	.Break-in or priority override
1 010	±±2	(455/58.1)
FOR	120	.Lockout or busy-idle signalling
1 010	120	(455/58.2)
FOR	121	PORTABLE OR MOBILE TRANSCEIVER
		(455/89)
FOR	200	HAVING SINGLE CHANNEL TELEPHONE
		CARRIER (379/64)
FOR	201	.Including call signalling (e.g.,
		ringing, off-hook, dialing)
		(379/65)
FOR	202	.Over power line (379/66)
FOR	203	EXCLUSIVE ASSIGNED CHANNEL (455/
		34.1)
FOR	204	
FOR	204	SEIZED CHANNEL (455/34.2)
		SEIZED CHANNEL (455/34.2) RADIO TELEPHONE SYSTEM OR
FOR	205	RADIO TELEPHONE SYSTEM OR
FOR	205	RADIO TELEPHONE SYSTEM OR EQUIPMENT DETAIL (379/58)
	205 206	RADIO TELEPHONE SYSTEM OR EQUIPMENT DETAIL (379/58) .Zoned or cellular (379/59, 455/
	205 206	RADIO TELEPHONE SYSTEM OR EQUIPMENT DETAIL (379/58) .Zoned or cellular (379/59, 455/ 33.1)
FOR	205 206 207	RADIO TELEPHONE SYSTEM OR EQUIPMENT DETAIL (379/58) .Zoned or cellular (379/59, 455/ 33.1) Hand-off control (379/60, 455/
FOR	205 206 207	<pre>RADIO TELEPHONE SYSTEM OR EQUIPMENT DETAIL (379/58) .Zoned or cellular (379/59, 455/ 33.1) .Hand-off control (379/60, 455/ 33.2)</pre>
FOR FOR	205 206 207 208	<pre>RADIO TELEPHONE SYSTEM OR</pre>
FOR FOR	205 206 207 208	<pre>RADIO TELEPHONE SYSTEM OR</pre>
FOR FOR FOR	205 206 207 208 209	<pre>RADIO TELEPHONE SYSTEM OR EQUIPMENT DETAIL (379/58) .Zoned or cellular (379/59, 455/ 33.1) Hand-off control (379/60, 455/ 33.2) Using plural antennas (455/ 33.3) Having overlapping zones (455/ 33.4) .Including cordless extension set</pre>
FOR FOR FOR	205 206 207 208 209	<pre>RADIO TELEPHONE SYSTEM OR EQUIPMENT DETAIL (379/58) .Zoned or cellular (379/59, 455/ 33.1) Hand-off control (379/60, 455/ 33.2) Using plural antennas (455/ 33.3) Having overlapping zones (455/ 33.4) .Including cordless extension set (i.e., having single</pre>
FOR FOR FOR	205 206 207 208 209	<pre>RADIO TELEPHONE SYSTEM OR EQUIPMENT DETAIL (379/58) .Zoned or cellular (379/59, 455/ 33.1) Hand-off control (379/60, 455/ 33.2) Using plural antennas (455/ 33.3) Having overlapping zones (455/ 33.4) .Including cordless extension set (i.e., having single subscriber line access) (379/</pre>
FOR FOR FOR	205 206 207 208 209 210	<pre>RADIO TELEPHONE SYSTEM OR EQUIPMENT DETAIL (379/58) .Zoned or cellular (379/59, 455/</pre>
FOR FOR FOR	205 206 207 208 209 210	<pre>RADIO TELEPHONE SYSTEM OR EQUIPMENT DETAIL (379/58) .Zoned or cellular (379/59, 455/ 33.1) Hand-off control (379/60, 455/ 33.2) Using plural antennas (455/ 33.3) Having overlapping zones (455/ 33.4) .Including cordless extension set (i.e., having single subscriber line access) (379/</pre>

- (455/49.1)(379/62)FOR 107 .Noise, distortion, or singingFOR 212 .Including supervisory or control
  - signalling (379/63)

#### FOR 213 AUDIENCE SURVEY OR PROGRAM DISTRIBUTION USE ACCOUNTING (455/2)

- FOR 214 DISTRIBUTION SYSTEM (E.G., PLURAL CABLES, ETC.) (455/3.1)
- FOR 215 .Receiver for satellite broadcast (455/3.2)
- FOR 216 .Combined with power distribution network (455/3.3)
- FOR 217 .Remote control of distribution (455/4.1)
- FOR 218 ...With subscriber selection or switching (455/4.2)
- FOR 219 .Two-way (455/5.1)
- FOR 220 .Common antenna or cable (455/ 6.1)
- FOR 221 ..With specific cable converter (455/6.2)
- FOR 222 .Combined with diverse art device (e.g., audio/sound or entertainment systems) (455/ 6.3)
- FOR 223 .Near field (e.g., inductive or capacitive coupling) (455/41)
- FOR 224 .Distortion, noise, or other interference prevention, reduction, or compensation (455/63)
- FOR 225 .With diverse art device (455/66)
- FOR 226 .With measuring, testing, or monitoring of system or part (455/67.1)
- FOR 227 ..Using a chamber (e.g., room testing or audio surveillance, etc.) (455/67.2)
- FOR 228 ..Noise, distortion or unwanted signal detection (e.g., quality control, etc.) (455/ 67.3)
- FOR 229 ... Using a test signal (455/67.4)
- FOR 230 .. 0f a microwave link or system (455/67.5)
- FOR 231 .. Phase measuring (e.g., group delay propagation effects, etc.) (455/67.6)
- FOR 232 .Housing or support (455/90)
- FOR 233 .With harmonic radiation suppression (455/114)
- FOR 234 .Measuring, testing, or monitoring of transmitter (455/115)
- FOR 235 .Power or bias voltage supply (455/127)

- FOR 236 .. With particular power or bias supply (includes battery saving means and includes self-powered) (455/343) FOR 237 .Emergency or alarm communication (455/404)FOR 238 .Message storage or retrieval (455/412)FOR 239 .Special service (455/414) FOR 240 .Zoned or cellular telephone system (455/422) FOR 241 .. Including other radio communication system (e.g., cordless telephone, paging, trunking, etc.) (455/426) FOR 242 .. Roaming (455/432) FOR 243 .. Registration (455/435) FOR 244 ... Dynamic allocation (455/452) FOR 245 .. Location monitoring (455/456) FOR 246 .Radiotelephone equipment detail (455/550)FOR 247 .. Operable on more than one system (455/552) FOR 248 ... Dual mode telephone (i.e., analog and digital) (455/553) FOR 249 .. Remote private branch exchange (PBX) with wireless link to landline (455/554) FOR 250 .. Integrated with other device (e.g., electronic notebook, personal digital assistant, etc.) (455/556) FOR 251 ... Having specific antenna arrangement (455/562) FOR 252 .. Headgear (455/568)
- FOR 253 .. Hands-free or loudspeaking arrangement (455/569)
- FOR 254 .Portable or mobile (455/575)