

1	<b>SEATING DEVICE REORIENTS AS UNIT</b>	29	.Journaled connections of parts permit occupant to change configuration
2	.To expose nonoccupant support		
3	.Inverting		
4	<b>PORTABLE BOTTOM WITH OCCUPANT ATTACHER</b>	30	.With concurrently folding footrest
5	<b>WITH OCCUPANT-PROPELLED WALKER OR SKATER FRAME</b>	31	.Front leg folds relative to integral bottom-rear leg; e.g., beach type
6	.Bottom movable to nonuse position	32	.With folding rocker
7	<b>WITH REMOVABLE OR REORIENTABLE CRIB SIDE</b>	33	..Rocker disengages from leg to permit folding
8	.Fabric crib side	34	.Rearwardly folding back
9	.Side added to front edge of bottom	35	.With folding armrest
10	.Side storable within or upon seating device	36	..Laterally swinging
11	..Within or upon armrest	37	...To overlie or underlie bottom
12	..Side withdrawn laterally of device	38	..Slidably connected to chair component
13	<b>FOLDING BOTTOM PERMITS SEAT ROTATION ABOUT VERTICAL AXIS</b>	39	..Back, arm, bottom, and front leg form collapsible parallelogram
14	<b>BOTTOM AND BACK CONNECTED TO AND FOLDABLE IN WALL OR PARTITION</b>	40	..Folds forwardly and downwardly
15	.In floor	41	..Pivoted to integral back and leg
16.1	<b>COLLAPSIBLE CHAIR; I.E., RELATIVELY FOLDING BOTTOM, BACK, AND LEGS</b>	42	.Laterally collapsible
16.2	.Collapsed to a compact bundle having all rigid elongated elements extending in a single longitudinal direction	43	..Against fixed standard
17	.Collapsed components form self-contained carrying case	44	..Folding back or bottom sections
18	.Nonpivoted crossed legs	45	..Fabric bottom and back
19	.With means to hold chair in plural operative configurations	46	.Back and legs collapse concurrently
20	..By adjustable leg-to-rocker connection	47	..Parallel leg pairs
21	..Set means operative between back post and rear leg	48	..Back articulated to both leg pairs
22	...Back-to-leg prop	49	...Above and below bottom
23	....Single element forms back post and front leg	50	..Back-to-leg articulation above back-to-bottom articulation
24	..Set means interconnects front leg and rear leg	51	.Back and legs collapse independently
25	...Brace or tie interconnection	52	..Back pivoted to and abutting a leg
26	....Bottom forms or supported by tie	53	..To overlie and underlie bottom
27	..Set means include armrest	54	...Noncrossed legs
28	...Rigid with armrest	55	.Relatively collapsible bottom, rear legs, and integral back and front legs
		56	..Crossed legs
		57	...Bottom detachably or slidably connected to back
		58	..Rear leg pivoted to back above bottom connection
		59	.Relatively collapsible bottom, front legs, and integral back and rear legs
		60	..Upwardly tilting bottom elevates pivoted front legs

61	<b>HEADREST INTERCONNECTED WITH BACK FOR RELATIVE CONCURRENT MOVEMENT</b>	84	..Rest advances forwardly of bottom
62	<b>COMPONENT REORIENTABLE TO STACKED BUNKS</b>	85 R	...Advancing linkage includes lazy tong pivoted to rest
63	<b>COMPONENT OF ADJACENT SEATS REORIENTABLE TO SINGLE BED</b>	85 M	...With motor
64	.Back pivots rearwardly between and coplanar with bottoms	85 L	...User manipulated lever drives rest
65	..Bottom moves horizontally responsive to reclining of back	85 C	...Cable actuated
66	..Rear seat component supports reclined back	86	..Common actuator articulates bottom and rest to back
67	.Facing seats	87	..Bottom actuator for rest
68	<b>LEGREST OR FOOTREST INTERCONNECTED TO MOVE RELATIVE TO BOTTOM AND CONCURRENT WITH BOTTOM OR BACK</b>	88	.Bottom and back movable as unit relative to legrest
69	.With means to permit independent adjustment of legrest or footrest	89	..Advancing legrest pivoted to lazy tong linkage
70	..Footrest adjustable independently of legrest movement	90	.Interconnector articulated to back extension below back-to-bottom pivot
71	.Common actuator controls vertical adjustment and relative movement of parts	91	..By plural links
72	.Back reversible as to bottom	92	<b>CHAIR WITH INTERCHANGEABLE AND REVERSIBLE BOTTOM AND BACK</b>
73	..Back movement disposes footrest for use from rear	93	.One-piece bottom and back
74	...Common rocker arm carries opposed footrest	94	<b>BACK REVERSIBLE AS TO BOTTOM; E.G., WALKOVER TYPE</b>
75	..Relatively movable rest sections move simultaneously	95	.Back movement tilts bottom oppositely
76	..Footrest extends angularly of depending legrest	96	..Gear actuator
77	.Face-to-face seats suspended to oscillate	97	..Back-actuated cam in bottom-carried slot
78	.Interconnection includes back-controlled movable armrest	98	...Cam carried by back support
79	..Armrest linkage connected to legrest below legrest-to-bottom pivot	99	...Cam actuator slidably connected to back
80	..Armrest directly pivoted to upper extension of legrest	100	.Bisector link rigidly connected to back
81	...With concurrently movable bottom	101	.Multiple links, pivotally connected to back
82	...Bottom pivoted to supporting frame at rear	102	..Crossed link back inverter
83	.With means to move bottom relative to and concurrently with back	103	..Parallelogram linkage
		104	.Link pivoted to back and armrest
		105	<b>DISPLACEABLE BOTTOM EXPOSES SUPPLEMENTAL BODY SUPPORT</b>
		106	.Lazy tong-mounted supported
		107	.Laterally extensible
		108	.Bottom inverts to form extension of subjacent support
		109	..Plural sections exposed by inverting bottom
		110	..Armrest or back inverts with bottom to support extension
		111	.Supplemental body support positioned forwardly of bottom
		112	<b>BACK CARRIES STORED SUPPLEMENTAL BODY SUPPORT</b>

113	.Armrest movable from recess in back	148	.Table supported on both arms
114	.Supplemental support pivoted to upper end of back	149	..Horizontally adjustable
115	<b>ARMREST MOVABLE TO DIVERSE USE POSITION</b>	150	...And movable to inoperative position
116	.Pivots laterally	151	...Pin and slot type
117	..Releasable from back-connected upright position	152	..Means for attaching seat and table to adjacent support
118	<b>CONVERTIBLE</b>	153	..Removable
119	.Table	154	..Movable to inoperative position
120	..Additional table leaf extensible from converting component	155	...To side of chair
121	..Common table with plural bottoms	156	.Straddle-type seat
122	..Sectional table formed of bottom and back	157.1	.Table with opposed seating
123	..Bottom and back move as unit	158.1	..With semi-enclosing support structure (e.g., booth)
124	..Back-to-table top	158.2	...Movably mounted table or seat
125	...Rear of back	158.3	..Planar horizontal seating (e.g., picnic table)
126	....Extends beyond bottom for concurrent use	158.4	...Folding
127	....Supported on armrest	158.5	...Having separable components
128	.....Slidably connected to armrest	159.1	..Folding
129	.To nonoccupant support device	160	.Tablet-arm type
130	.Alternately usable seat mounts	161	..Adjustable to multiple use positions
131	..Rocker retractable to inoperative position	162	..Connected to move to inoperative position
132	...Ends of composite rockers contact inwardly	163	.Table behind seat
133	..Detachable rocker	164	..Both independently vertically adjustable
134	..Seat detachable from subjacent table or stool	165	...Tilttable seat
135	<b>WITH TABLE, DESK, OR EASEL</b>	166	....Single pedestal
136	.Seat supported within periphery of apertured table	167	..Tilttable seat
137	..Seat rotatable about vertical axis	168	...Vertically adjustable
138	..Seat movable along table-mounted horizontal track	169	...With tilttable table
139	.Table forms carrying case for seat	170	.Chair-secured standard supports table
140	.Seat inoperatively positionable beneath table	171	..Standard is vertical extension of chair leg
141	..Pivotally movable seat	172	..Standard spaced from chair by base element
142	...Horizontally swinging	173	.Table pivotally connected to seat
143	..Slides on track or guide	174 R	.Table in front of seat
144	.Extensible from within or beneath seat component	174 CS	..Child seat detachably mounted to table
145	..From armrest	175	<b>MILKER STOOL TYPE</b>
146	..From back	176	.With tail guard or holder
147	.Extensible from wall or receptacle	177	.Pail support movable as unit relative to seat
		178	..Pail support vertically movable
		179	.Adjustable as to pail size
		180.1	<b>WITH HEAT EXCHANGER OR MEANS TO PROVIDE FLUID OR VAPOR TREATMENT</b>
		180.11	.Portable supplemental pad

- 180.12 .Electric heating element
- 180.13 .Power source propels air for heat exchange
- 180.14 ..Fan directly attached to a chair or seat component
- 180.15 .Liquid medium
- 180.16 .Occupant`s motion actuates a ventilating means (e.g., rocking movement, etc.)
- 181 **SIMULATION; E.G., ANIMAL OR VEHICLE**
- 182 **WITH DEBRIS CATCHER**
- 183.1 **WITH HANDLE**
- 183.2 .Movable to inoperative position
- 183.3 ..Alternate use (e.g., prop for baby seat, etc.)
- 183.4 .Adjustable plural use positions
- 183.5 .For use with chair in collapsed position (e.g., stadium chair)
- 183.6 .For nonoccupant use
- 183.7 ..Seat back grip
- 183.8 ...Detachable
- 183.9 .For use by occupant while seated
- 184.1 **WITH WEATHER SHIELD OR INSECT PROTECTOR (E.G., CANOPY, SCREEN, ETC.)**
- 184.11 .Detachable or movable for seat occupancy
- 184.12 .Transparent visor
- 184.13 .For child seat
- 184.14 .Enclosure type
- 184.15 .Flexible canopy having framework
- 184.16 ..Umbrella type
- 184.17 ..U-shaped elements have ends which converge toward a common laterally extending axis (e.g., baby carriage type, etc.)
- 185 **WITH MIRROR**
- 186 **WITH MUSICAL INSTRUMENT OR INSTRUMENT SUPPORT**
- 187 **PRIE-DIEU TYPE OF KNEELING STAND**
- 188.01 **WITH HOLDER OR RECEPTACLE FOR DISPARATE ARTICLE**
- 188.02 .Holder or receptacle collapses as seat pivots
- 188.03 .For apparel
- 188.04 .On or integral with backrest
- 188.05 ..Adjustable
- 188.06 ..Detachable
- 188.07 ..Having closure means
- 188.08 .Directly under occupant seating portion
- 188.09 ..Accessible by displacement of seating surface
- 188.1 ...Pivotally displaced
- 188.11 ..Horizontally slidable (e.g., drawer)
- 188.12 ..Detachable
- 188.13 ..Having closure means
- 188.14 .On or integral with armrest (e.g., beverage cup holder)
- 188.15 ..Movably mounted to inoperative position
- 188.16 ...Into armrest
- 188.17 ...By sliding motion
- 188.18 ..Holder detachable from armrest
- 188.19 ..Having closure means
- 188.2 .Detachable from chair structure
- 188.21 .Adjustable with respect to the chair structure
- 195.1 **STRADDLE SEAT (E.G., SADDLE TYPE, ETC.)**
- 195.11 .Other than cycle seat
- 195.12 .Plural related seats
- 195.13 ..Detachable seat
- 196 .Base-attached cantilevered spring mounts seat
- 197 .Filamented supporting surface
- 198 .Laminated leaf spring-mounted
- 199 .Pneumatic cushion
- 200 ..Plural independent compartments
- 201 .Sectional or split relatively movable supporting surface
- 202 .Depressed portion spaces body supporting surfaces
- 203 .Rear end supported on inclined rod independently of support for front end
- 204 .With means to adjustably set tautness of supporting surface
- 205 ..Rod mounting bracket includes tautness setting means
- 206 ..Front spring adjustably clamped to rear spring
- 207 ..Threaded adjusting means extends longitudinally of seat
- 208 .Coil spring-mounted
- 209 ..Vertically oriented
- 210 ...Serially arranged tension and compression springs
- 211 ...Parallel stems each supported by encircling spring
- 212 ...Rear coil directly secured to front connected member
- 213 ..Axis extends laterally of seat
- 214 .With cushioned top
- 215 .Bow spring-mounted
- 215.1 .Including an upwardly extending portion at rear of seat

- 215.11 ..Extends upwardly above waist to provide back support
- 215.12 ..Movable back support
- 215.13 .Adjustable to plural use positions
- 215.14 ..Longitudinally
- 215.15 ..Angularly
- 215.16 .Molded plastic saddle
- 216.1 **CRASH SEAT**
- 216.11 .Force-absorbing means incorporated into child seat
- 216.12 .Force-absorbing means incorporated into headrest area
- 216.13 .Force-absorbing means incorporated into back
- 216.14 ..For absorbing rear-impact force
- 216.15 .Bottom and back interconnected for relative concurrent movement
- 216.16 .Bottom and back movable as unit in response to force
- 216.17 ..Rectilinearly vertically
- 216.18 ..In horizontal plane
- 216.19 ..Tiltably
- 216.2 ..Mounted on support legs
- 217.1 **COMBINED**
- 217.2 .With measuring device
- 217.3 .With electrical feature
- 217.4 ..Sound producing
- 217.5 ...Enclosure
- 217.6 ..Illumination
- 217.7 .Mounted on accommodating platform (e.g., stairs, deck, etc.)
- 218.1 **UPHOLSTERY COVER DETACHABLY CONNECTED TO FRAME**
- 218.2 .Cover connector attached to cushion
- 218.3 .Cover attached by an element mounted to the frame
- 218.4 .Cover connector mounted by hem inserted elongated member (e.g., drawstring, bar, etc.)
- 218.5 .Cover attached to frame by separate element
- 219.1 **DETACHABLE SUPPLEMENTAL FLEXIBLE PAD OR COVER**
- 219.11 .For straddle seat
- 219.12 .For child seat
- 220 .Headrest
- 221 ..With cover supply
- 222 ..With cutter
- 223 .Reversible or with replaceable section
- 224 .With elastic section
- 225 .Wraparound one-piece bottom, back, and shoulder or arm
- 226 .Hem-inserted keeper bar
- 227 .Armrest
- 228 ..And bottom or back cover formed of one piece
- 228.1 .Slipcover for bottom or back
- 228.11 .Having flexible hem-inserted securing means (e.g., drawstring, elastic band, etc.)
- 228.12 .Having elongated flexible free-end securing means
- 228.13 .Having rigid or semirigid securing member (e.g., zipper, hook, ring, snap, button, etc.)
- 229 .One-piece bottom and back
- 230.1 **SUPPLEMENTAL BACK**
- 230.11 .Flexible occupant back-engaging surface spans framework
- 230.12 .Including a rigid panel
- 230.13 .Back and supplemental back together form occupant back-engaging surface
- 230.14 .Including a means to adjust supplemental back relative to a seat back
- 250.1 **SUPPLEMENTAL SEAT (E.G., CHILD SEAT, ETC.)**
- 251 .Armrest-supported
- 252 .Fore or aft board straddling clamps
- 253 .Secured by bottom-back crevice
- 254 .Back-connected
- 255 ..Collapsible or foldable unit
- 256 ...Rigid panel-type bottom
- 256.1 .Adjustable to plural operative positions
- 256.11 ..Vertically
- 256.12 ..About a vertical axis; i.e., rotates
- 256.13 ..Tilttable
- 256.14 ..Reversible
- 256.15 .Having a front guard or barrier
- 256.16 .Detachably mounted to a support base
- 256.17 .For shopping cart
- 232 **PLURAL RELATED SEATS**
- 233 .Combinable to form single seat
- 234 .Movement of one seat effects storage of either seat
- 235 ..Both move to effect storage of one

- 236 ..Moving seat stores within or beneath other bottom
- 237 ...Stored seat withdraws to substitute for other
- 238 ..Within back
- 239 ..Nested
- 240 ..Relatively rotatable
- 241 ..One seat has floor roller
- 242 ..Coaxially
- 243 ..Tandem
- 244 ..Oppositely facing
- 245 ..Face to face
- 246 ..Oscillating on rollers
- 247 ..Oscillating on rockers
- 248 ..Coupled side-by-side
- 249 ..Adjustable within or to arcuate row
- 257 ..Relatively movable
- 258.1 **ROCKER-MOUNTED**
- 259.1 .Bottom connected to rocker for movement supplemental to rocking motion
- 259.2 ..Providing reclining motion
- 259.3 ..Providing swinging motion
- 259.4 ..Spring attached
- 260.1 .With means to impart rocking motion
- 260.2 ..Motor operated
- 260.3 ..Actuating footrest
- 261.1 .Track-mounted rocker (e.g., platform rocker)
- 261.2 ..Providing grooved guide
- 261.3 ..With anti-friction means
- 261.4 ..Rocker pivotally connected to track
- 262.1 ..Meshed teeth engagement
- 263.1 ..Rotatable about vertical axis to reorientate chair
- 263.2 ...Having anti-friction means to facilitate rotation
- 264.1 ..Spring return to neutral position
- 265.1 ...Coil spring
- 266.1 ....Extensible
- 267.1 .....With opposing compressible coil spring
- 268.1 ...Leaf spring
- 268.2 ...Transversely extending spring (e.g., torsion bar)
- 269.1 ..With mean to lock rockers to track
- 270.1 .With means to limit or inhibit rocking motion
- 270.2 ..Pivotal stop
- 270.3 ..Plural stops
- 270.4 ..To plural operative positions
- 270.5 ..Stop engages ground
- 271.1 .With attached footrest or legrest
- 271.2 ..Mounted on roller or wheel
- 271.3 ..Adjustable
- 271.4 ..Pivotally connected to bottom or support frame
- 271.5 .With floor or ground contacting rocker
- 271.6 ..Having curved rail
- 272.1 .Rocker attachment
- 272.2 ..Cushion or shoe
- 272.3 ...Inflatable
- 272.4 ..Tip, guard, or shield
- 273 **OSCILLATING SUSPENDER CONNECTED TO OR THROUGH ADJUNCTIVE REST**
- 274 .Baby jumper type
- 275 ..With belt or garment restrainer
- 276 .Suspender passes through armrest to bottom
- 277 .Suspender connected to back
- 278 ..Adjustable connection for movement relative to bottom
- 279 ..And legrest or footrest
- 280 ..And armrest or side frame
- 281 .Armrest or side frame-connected
- 282 ..Bottom dependent from subjacently mounted armrest
- 283.1 **CHANGEABLE OR REVERSIBLE SUPPORTING SURFACE**
- 283.2 .Back and bottom
- 283.3 .Back
- 283.4 .Headrest
- 284.1 **BOTTOM OR BACK WITH MEANS TO ALTER CONTOUR**
- 284.2 .Having adjustment means for seat surface tension
- 284.3 .Having a plurality of adjacent relatively adjustable sections
- 284.4 .Providing support for lower back (i.e., lumbar) region
- 284.5 ..Portable with seat attacher
- 284.6 ..Having a fluent material within flexible container
- 284.7 ..Rectilinear vertical adjustment
- 284.8 ..Rectilinear horizontal adjustment
- 284.9 .Providing support for the sides of a seated occupant
- 284.11 .Located at the front of the seat bottom

285	<b>BACK MOVEMENT RESILIENTLY OPPOSED IN OPERATING POSITION</b>	303.2	..Fluid spring
286	..Resilient support includes armrest	303.3	..Torsion bar or torsion spring
287	..Integral leg and armrest	303.4	..Coil spring
288	...Rear leg	303.5	...Coaxial adjustment member extends through coil
289	..Rearward back tilting axially compresses spring	307	..Constantly oriented during up- and-down movement
290	..Spring leaf or spring rod armrest	308	..Back immovable relative to bottom
291	..Spring centers back on pivot	309	..Bottom component resiliently supports back
292	..Coil spring surrounds horizontal pivot	310	<b>WITH MEANS TO CONTROL REARWARD CHAIR TIPPING</b>
293	..Coil spring comprises horizontal pivot	311	<b>MOVABLE BOTTOM</b>
294	..Resilient leg integral with bottom or back	312	..Independently movable resilient bottom sections
295	..Bottom and back	313	..Tilttable
296	..Back secured to resilient upright bar or rod	314	..Laterally
297	..Bar or rod rigidly secured to bottom	315	...With laterally folding back
298	..Bar or rod operatively adjustable with respect to bottom	316	..Interconnected with back for relative concurrent movement
299	..Spring mounts terminal of back	317	...Bottom slides forwardly while tilting
300.1	..Back and seat adjust simultaneously	318	....On roller
300.2	..Back tilts while seat inclination adjusts	319	...Back-actuated cam tilts bottom
300.3	...Fluid-spring	320	...Back supports rear of bottom
300.4	...Torsion bar or torsion spring	321	....Front of bottom carried by link
300.5	...Coil spring	322	...Bottom tilts with concurrent horizontal movement
300.6	...Including back limiting device	323	...With armrest interconnected for mutual movement
300.7	....Adjustable	324	...Back moved by folding of bottom
300.8	....Manually	325	..Bottom and back tilttable as unit
301.1	..Back adjusts independent of seat	326	...About stationary horizontal pivot
301.2	..Fluid-spring	327	....To plural use positions
301.3	..Torsion bar or torsion spring	328	....With set means horizontally spaced from pivot
301.4	..Coil spring	329	...With concurrent horizontal movement
301.5	..Including back movement limiting device	330	..Motor actuated
301.6	...Adjustable	331	..Movable to inoperative position
301.7	....Manually	332	...Biased to position
302.1	..Back and bottom adjust in a fixed relationship	333	....Spring axis coaxial with pivot axis of bottom
302.2	..Fluid-spring	334	...On link
302.3	..Torsion bar or torsion spring	335	...About stationary horizontal pivot
302.4	..Coil spring	336	....Disengages holding abutment rearwardly of pivot
302.5	..Including back movement limiting device	337	..Movable independently of back
302.6	...Adjustable		
302.7	....Manually		
303.1	..Adjustable resistance		

- 338 ..Vertically
- 339 ...With force-multiplying means
- 340 .Interconnected with back for relative concurrent movement
- 341 ..Back tilts and bottom moves forwardly
- 342 ...Rearwardly tilting of back
- 343 ....Back slidably connected to back support
- 344.1 .Bottom and back movable as a unit
- 344.11 ..Mounted for horizontal oscillating movement
- 344.12 ..Vertically adjustable
- 344.13 ...And horizontally adjustable
- 344.14 ..Horizontal movement concurrent with vertical movement; i.e., oblique movement
- 344.15 ...Pivotal linkage assembly
- 344.16 ....Gas or hydraulic cylinder
- 344.17 ....Motor actuated
- 344.18 ...Slidably coupled components (e.g., telescoped, etc.)
- 344.19 ....Gas or hydraulic cylinder
- 344.2 ....Motor actuated
- 344.21 ..About vertical axis; i.e., rotates
- 344.22 ...Including means to lock unit at distinct rotated positions
- 344.23 ....Motor actuated
- 344.24 ...Having additional movement in horizontal plane
- 344.25 ...Back tilted to permit seat rotation
- 344.26 ...Including antifriction feature (e.g., ball bearings, etc.)
- 350 **LATERALLY FOLDING OR COLLAPSING BACK**
- 351 .One-piece bottom and back
- 352 **PORTABLE BACK WITH BOTTOM ATTACHER**
- 353 **MOVABLE BACK**
- 354.1 .Tilttable
- 354.11 ..Pivot axis located at or adjacent to a central point of back
- 354.12 ..Plural distinct occupant-supporting positions
- 354.13 ..Movable to a rear-horizontal position
- 356 ...Full stroke adjusting mechanism
- 357 ..Vertical displacement of back disengages holder
- 358 ...Common actuator adjusts height and inclination
- 359 ...Back-pivoted armrest carries latch or holder
- 360 ....Bottom-pivoted armrest
- 361.1 ...Mechanical operator tilts back fore and aft
- 362 ....Gear train
- 362.11 ....Motor actuated
- 362.12 ....Actuated shaft
- 362.13 ....Gas or hydraulic cylinder
- 362.14 ....Threaded shaft
- 363 ...Axially slidable bolt or pawl
- 364 ....Spring-pressed
- 365 ....Engages movable rack
- 366 ...Rack and pawl
- 367 R ....Actuator disengages pawl
- 368 .....Actuator rigid with pawl
- 369 .....Spring-pressed
- 367 P ....Having plurality of engaging pawls
- 367 L .....Linearly movable along longitudinal axis
- 370 ....Actuator disengages rack
- 371 .....Actuator rigid with rack
- 372 ...Depending pawl or rack prop pivoted to back
- 373 ...Serrated clamp hinge
- 374 ...Friction detent
- 375 ...Clamp acts on axially moving rod
- 376 ....Pin and slot
- 377 ...Held by prop behind back
- 378.1 ..Foldable forwardly over bottom
- 378.11 ...Including an inertia-responsive latch
- 378.12 ...Held erect by a releasable latch
- 378.13 ...Latch element supported by a structure separated from chair or seat (e.g., vehicle mounted striker, etc.)
- 378.14 ...Including means to hold back in forwardly folded position
- 380 ...Tension tie supports back
- 381 ....Armrest tie
- 382 ...Fabric hinges bottom to back
- 383 .Horizontally
- 391 **HEADREST**
- 392 .Chin support
- 393 .Occupant attached
- 394 .Detachable headrest and armrest unit
- 395 .Wall- or ceiling-supported



- 396 .Extension of upper back  
 397 .Portable, with seat attacher  
 398 ..Laterally collapsible  
 399 ..U-clamp mounted  
 400 ...Adjustable  
 401 ....Spring clamp  
 402 ....Screw clamp  
 403 .Movable to inoperative position rearwardly of back  
 404 .Resiliently mounted  
 405 .Ball- and socket-mounted  
 406 .Adjustable laterally  
 407 ..On shiftable mounting  
 408 .Angularly movable about horizontal axis  
 409 ..With horizontal translator  
 410 .Adjustable rectilinearly vertically  
 411.1 **SUPPORT FOR ARMPIT**  
 411.2 **ARMREST**  
 411.21 .Mounted to structure other than a chair or seat component  
 411.22 ..Sill suspended  
 411.23 .Attachable to diverse chairs or seats; i.e., portable  
 411.24 ..Supported by a seating surface  
 411.25 ..Connected to a back  
 411.26 .Detachably interfitted to a particular chair or seat at a connecting joint  
 411.27 ..To bottom  
 411.28 ...And to back  
 411.29 ..To back only  
 411.3 .Movable to nonuse position  
 411.31 ..Armrest or its supporting member movable about a vertical axis  
 411.32 ..Armrest or its supporting member movable about a horizontal axis  
 411.33 ...Supporting member movable about plural horizontal axes  
 411.34 ..Axis parallel to a lateral edge of bottom  
 411.35 .Adjustable to multiple use positions relative to bottom or back  
 411.36 ..Vertically  
 411.37 ..Laterally  
 411.38 ..Angularly  
 411.39 ...Angular adjustment coincides with tilting of the back for relative concurrent movement  
 411.4 .Single element forms plural spaced armrests of a chair or seat  
 411.41 ..And portion of back  
 411.42 .Formed as one-piece with front leg  
 411.43 .Connected to back and front leg  
 411.44 .Connected to back and bottom  
 411.45 .Mounted on an upwardly extending side panel  
 411.46 .Upholstered  
 423.1 **REST FOR KNEE, LEG, OR FOOT**  
 423.11 .For occupant's knee or shin (e.g., sit-kneel type of chair, etc.)  
 423.12 ..Adjustable relative to chair or seat to plural use positions  
 423.13 ..Convertible to a chair or seat without kneerest  
 423.14 .For nonoccupant use (e.g., shoe salesman's stool, etc.)  
 423.15 ..Rest at rear of chair or seat  
 423.16 ..Kneeling stool  
 423.17 .Including a portion engaging a side of occupant's leg  
 423.18 .Having substitute footrest  
 423.19 .Connected to chair or seat for relative movement  
 423.2 ..Horizontally slidable from beneath bottom to a position in front of bottom  
 423.21 ...Having a floor-engaging support  
 423.22 ...Having additional movement to an operative position  
 423.23 ...Including means for adjusting the rest to plural operative positions  
 423.24 ....Angular adjusting means  
 423.25 ..Footrest movably connected to an upright support fixed to chair or seat  
 423.26 ..Pivoted for vertical swinging (i.e., about horizontal axis)  
 423.27 ...Having a floor-engaging support  
 423.28 ...Pivoted to an unusable position beneath bottom  
 423.29 ...Pivot axis parallel to lateral edge of bottom  
 423.3 ...Pivot axis adjacent and parallel to front edge of bottom  
 423.31 ...Held by a prop behind rest

- 423.32 .....Prop adjusts rest to plural use positions
- 423.33 .....Adjustable friction detent
- 423.34 ....Footrest moves relative to legrest
- 423.35 .....Pivotally movable footrest
- 423.36 .....Slidably adjustable footrest
- 423.37 ..Pivoted for lateral swinging; i.e., about vertical axis
- 423.38 ..Rectilinearly in vertical direction
- 423.39 .Portable
- 423.4 ..Connectable to a chair or seat
- 423.41 ..Self-supported
- 423.42 ...Resiliently mounted
- 423.43 ...Rocker type
- 423.44 ...Adjustable to plural operative positions
- 423.45 ....Rectilinearly in vertical direction
- 423.46 ....Angularly
- 440.1 **HAVING DETACHABLY INTERFITTING PARTS OR COMPONENTS; I.E., KNOCKDOWN**
- 440.11 .Detachable fabric component
- 440.12 .Sheet material folded to form a chair or seat
- 440.13 .Slotted components normal to each other
- 440.14 .Modular components
- 440.15 .Interfitted back and bottom or back frame and bottom frame
- 440.16 ..Including a substantially upright post slidably inserted into an elongated recess
- 440.17 ..One-piece back and arm
- 440.18 ..One-piece back and leg
- 440.19 ...Front leg
- 440.2 .Interfitted back and back frame
- 440.21 ..Including a substantially upright post slidably inserted into an elongated recess
- 440.22 .Interfitted bottom and bottom frame
- 440.23 .Front, rear legs, and armrest together form a unit detachable from bottom or back
- 440.24 .Telescoping hollow parts or components
- 445.1 **BOTTOM, BACK AND LEG (I.E., CHAIR)**
- 446.1 .Back or back standard integral with leg
- 446.2 ..Integral with plural rear legs
- 447.1 ..Front leg
- 447.2 ...Integral with plural front legs
- 447.3 ...And forms lateral sides of bottom
- 447.4 ..Legs interbraced between bottom and ground
- 448.1 .Front leg integral with rear leg
- 448.2 ..Extends along ground surface
- 449.1 .Interbraced bottom, back and leg
- 450.1 .Back or bottom connected at lateral side to end support
- 451.1 .Back standard secured below or to underside of bottom
- 451.2 .Three support legs only
- 451.3 .Two support legs only
- 451.4 .Single non-moving support leg
- 451.5 ..Cylindrical leg
- 451.6 ...Having diameter equal to that of bottom
- 451.7 .Resilient bottom and leg
- 451.8 .Modular component
- 451.9 .Woven material (e.g., cane or basket chair)
- 451.11 .Plastic material
- 451.12 ..Integral bottom, back and leg
- 451.13 ..Hollow component
- 452.1 **BOTTOM OR BACK**
- 452.11 .Directly connected bottom and back
- 452.12 ..One-piece panel
- 452.13 ...Flexible panel fixed to a frame (e.g., fabric, elastomeric sheet, etc.)
- 452.14 ...Rigid or semirigid plastic panel
- 452.15 ....Including means to provide or enhance resiliency (e.g., slits, grooves, etc.)
- 452.16 ..Interconnected cushions for bottom and back
- 452.17 ...Continuous cushioning material (e.g., one-piece cushion, bean bag, etc.)
- 452.18 .Framework
- 452.19 ..Continuous bottom and back frame
- 452.2 ..Having elongated hollow member (e.g., tubular, etc.)
- 452.21 .Contoured bottom
- 452.22 ..Planar bottom with a central recess
- 452.23 ..Laterally extending contour
- 452.24 ...Contoured rigid base
- 452.25 ....Including symmetrical thigh-support portions

- 452.26 ...Preshaped foam pad
- 452.27 ....Different densities of foam
- 452.28 ...Custom fitted for a particular occupant
- 452.29 .Contoured back
- 452.3 ..For lower back; i.e., lumbar region
- 452.31 ...Rigid or semirigid preshaped panel
- 452.32 ...Preshaped cushioning material
- 452.33 ..Laterally extending contour
- 452.34 ...Including a projected side member
- 452.35 ....Preshaped cushioning material
- 452.36 ....Rigid or semirigid preshaped panel
- 452.37 ..Having varying density foam
- 452.38 ..Having a trim panel
- 452.39 .Cantilevered bottom or back
- 452.4 ..Having a laterally adjustable dimension
- 452.41 ..Having fluent material
- 452.42 ..Including a ventilating means
- 452.43 ..Supplemental ventilating pad
- 452.44 ...Wire spring element between pads` layers
- 452.45 ...Projecting elements
- 452.46 ..Apertures in primary bottom or back
- 452.47 ...Aperture in upholstery
- 452.48 .Cushioned
- 452.49 ..Including a support spring
- 452.5 ...Coil compression spring
- 452.51 ....Encapsulated by cushion
- 452.52 ...Noncoil wire spring (e.g., linear or sinuous wires, etc.)
- 452.53 ....Encapsulated by cushion
- 452.54 ...Spring integral with frame of bottom or back
- 452.55 ..Including a support panel (e.g., pan-type seat, etc.)
- 452.56 ...Flexible panel (e.g., fabric or elastomeric sheet, web, etc.)
- 452.57 ...Encapsulated panel
- 452.58 ..Having a fixed cover
- 452.59 ...Fastened to a support framework
- 452.6 ....Including a fixing means extending through cushioning material
- 452.61 ...Bonded to cushioning material
- 452.62 ...Cover formed from a plurality of discrete sections
- 452.63 .Made of individual elongated members extending across a support frame (e.g., webs, straps, slats, stringed beads, etc.)
- 452.64 ..Intermeshed (e.g., crisscrossed, etc.)
- 452.65 .Rigid or semirigid hollow shell
- 461 **PADDED STOOL**
- 462 .Hassock type
- 464 **BODY OR OCCUPANT RESTRAINT OR CONFINEMENT**
- 465 .Jacket, vest, or suit restraint
- 466 .Leg or arm restraint
- 467 .Having crotch strap or post
- 468 .Safety belt or harness; e.g., lap belt or shoulder harness
- 469 ..Passive restraint system
- 470 ..With means to absorb energy of acceleration
- 471 ...Deformable or stretchable element
- 472 ....Element is permanently deformed; i.e., one-time use
- 473 ..Belt or harness rides on seat connected slide
- 474 ..Retractable
- 475 ...Belt winds upon take-up reel
- 476 ....Having means to lock belt against further extension when in its occupant-restraining position
- 477 ....Electrically operated
- 478 ....Inertia actuated
- 479 ...Having means to lock belt against further extension when in its occupant-restraining position
- 480 ..Inertia-responsive locking or tightening of belt or harness
- 481 ..Having means for storage in nonuse position or in position to be handy for use
- 482 ..Belt or belt anchor covers
- 483 ..Shoulder belt or harness
- 484 ...Engageable with both shoulders of occupant
- 485 ..Having means providing easily releasable attachment to a chair or seat
- 486 .Shoulder restraint
- 487 .Front guard or barrier
- 488 ..Padded or cushioned member

- 463.1 CHAIR HARDWARE OR ATTACHMENT  
(E.G., BRACKET, OPERATING  
LEVER, LEG EXTENSION, ETC.)
- 463.2 MISCELLANEOUS

**CROSS-REFERENCE ART COLLECTIONS**

- 900 CHAIR FOR SUNTANNING IN THE PRONE  
(I.E., FACEDOWN) POSITION

**FOREIGN ART COLLECTIONS**

FOR 000 CLASS-RELATED FOREIGN DOCUMENTS

**DIGESTS**

- DIG 1 FOAM
- DIG 2 MOLDED
- DIG 3 PNEUMATIC
- DIG 4 WHEELCHAIR
- DIG 5 FIREPROOF
- DIG 6 HOOK AND LOOP TYPE FASTENER
- DIG 7 ROCKER/RECLINER
- DIG 8 INFLATABLE BELLOWS
- DIG 10 OCCUPANT-ARISING ASSIST
- DIG 11 BABY BOUNCER