

1	<b>WITH RANDOMLY ACTUATED STOPPING OR DISABLING MEANS</b>	24	...With end-inserting or clamping means
2	<b>WITH CONTROL MEANS RESPONSIVE TO SENSED CONDITION</b>	25	..Means to buckle flaccid work
3	.Responsive to work feed means	26	.With means to place member between workpieces (e.g., dowels, etc.)
4	.Responsive to position of work support or anvil	27	.With drilling or punching means
5	.Work-responsive	28	.With means to sequentially secure layers (e.g., heels, etc.)
6	..Position of work	29	..With work clamp
7	...Control initiates driver-actuation	30	.With driver acting through clamp jaw
175.1	<b>SURGICAL STAPLER</b>	31	.Bight attaching means (e.g., buttons, etc.)
175.2	.With lockout	32	..Including means to insert member in bight
175.3	..Responsive to a condition or position of a staple magazine	33	...With member-forming means
175.4	...Lockout prevents firing of a spent staple magazine	34	...After member is applied to a workpiece
176.1	.With magazine	35	....Single pointed member
177.1	..Including biasing means	36	....With work feed means
178.1	..Multiple driving means	37	..With work feed means
179.1	..Tubular driving path	38	...With means to actuate driver
180.1	..With cutting means	39	.Work conveyer means
181.1	.With means to position a mating-member in alignment with driver	40	..Including common means to shift and clamp work
182.1	.With means to prevent partial drive cycle	41	..Pivoted work carrier
8	<b>WITH INTERLOCK MEANS</b>	42	...Plural pivotal axes
9	<b>EXPLOSIVE-TYPE DRIVING MEANS</b>	43	..Including means to align member-aperture with member
10	.With plunger	44	..Endless conveyer
11	.With protective shield	45	...Including magazine-type work supply means
12	<b>STRETCHING TOOL WITH MEANS TO FASTEN FLACCID WORK TO RIGID BASE</b>	46	...With reel-type work supply means
13	.Including mechanical means to apply force to stretching tool	47	....Including work cutting means
14	<b>WITH MEANS TO CEMENT WORK OR MEMBER</b>	48	..Including magazine-type work supply means
15	<b>WITH MEANS TO POSITION "MATING-MEMBER" IN ALIGNMENT WITH DRIVER</b>	49	...With means to rotate work
16	.Strip-type "mating-member"	50	...With means to move assemblage to fastener station
17	.With means to form "mating-member"	51	<b>WITH MEANS TO HEAD MEMBER</b>
18	.Comprising feed means for "mating-member"	52	.Driver or heading means located within tubular work
19	<b>WITH MEANS TO ASSEMBLE PLURAL PIECES OF WORK</b>	53	.Common tool to drive and head member
20	.With means to deform work	54	.Pointed or edged tool
21	..Including cutting means	55	.Heading tool extends within hollow portion of member
22	..Including means to rotate work	56	..Simultaneously used heading tools
23	...With die-shaping means	57	..With work feed means

58	..With means to form opening in work for member	90	....Pivoted
59	..Heading means also acting as opening former	91	...Including diverse means to sever and apply member
60	..With pilot pin	92	.With opposed tools to form member (e.g., forging, swaging, etc.)
61	.Anvil	93	.Severing means sole member former
62	..Die	94	..Including plural diverse severing operations
63	<b>WITH MEANS TO WITHDRAW MEMBER</b>	95	..With feed means for concatenated members
64	<b>WITH MEANS TO SHAPE WORK OR CUT PRODUCT</b>	96	...Pivoted feed means
65	.Buckling of flaccid work	97	..Severing means moves member to driver
66	.Deforming means with rectilinear reciprocating motion	98	..With reciprocating member carrier to driver
67	.Means to form opening in work for member	99	<b>WITH MEANS TO CONVEY WORK OR PRODUCT RELATIVE TO DRIVING STATION</b>
68	..Driver also acting as punch	100	.Interrelated conveying and driver-actuating means
69	..Rotatable cutting tool	101	..With means to move both the conveyer and a driver carriage
70	..Plural cutting tools (e.g., awls, etc.)	102	..With means to vary timed relationship between conveyer movement and driver actuating means
71	...For dual openings	103	..Plural conveying means
72	...With pivoted tool carrier	104	..With compound movement of work holder
73	..Including work-feeding means	105	..With rotary movement of work holder
74	...Cutting tool having work-feeding motion	106	.Work holder moves in curved path
75	...With pivoted tool carrier	107	<b>WITH MEANS TO MOVE OR GUIDE MEMBER INTO DRIVING POSITION</b>
76	.Cutting means	108	.With work-penetrating clenching tools
77	<b>WITH MEANS TO DEFORM MEMBER REMOTE FROM THE WORK SURFACE AFTER WORK PENETRATION</b>	109	.Adaptable to dispense different sizes or quantities of members
78	<b>SELECTIVE ALTERNATIVE APPLYING MEANS</b>	110	.With positionable driver
79	<b>WITH MEANS TO CUT MEMBER AFTER PENETRATION</b>	111	..Including means to move driver carriage
80	.From material of indefinite length	112	.Fluid-contact member-feed means
81	<b>DRIVING MOTION OF DRIVER HAS COMPONENT IN DIRECTION OF MOVING WORK (I.E., FLYING DRIVER)</b>	113	.Magnetic member-feed and/or holding means
82	<b>WITH MEANS TO FORM MEMBER PRIOR TO PENETRATION OF WORK</b>	114	.Including means other than the driver to separate leading member from a supply
83	.Deflector	115	..Interrelated separator elements
84	.With means to vary length of members	116	..Rectilinear motion
85	.With offset tools to deform members (e.g., bending, drawing, etc.)	117	..Rotary
86	..With cutting edge on driver	118	...Oscillating separator
87	..With driver acting through offset tools		
88	...Including retractable forming bar		
89	....With movable member-holder		

119 .With means to assure correct orientation of member(s)  
 120 .Including supply magazine for constantly urged members  
 121 ..With means to prevent partial drive cycle  
 122 ..With means to cut jammed member  
 123 ..With removable or resiliently urged (antijam) noseplate  
 124 ..With interrelated driver and work clamp  
 125 ..With means to disable urging means  
 126 ...By lock means  
 127 ..With magazine closure  
 128 ...Pivoted magazine cover  
 129 ..With means to actuate driver  
 130 ...Fluid pressure means  
 131 ...Magnet or solenoid  
 132 ...Spring  
 133 ...Inertia means  
 134 ..Spring-retracting means  
 135 .Including carrier feed means for a plurality of members  
 136 ..With means to feed strip-type carrier  
 137 ..Rotary  
 138 .Driver actuates member-feed means  
 139 .With means to guide member  
 140 **WITH MEANS TO SUPPORT MEMBER AND/OR WORK RELATIVE TO DRIVER**  
 141 .Driver moves work, member held stationary  
 142 .With means to vary the length of the tool stroke  
 143 .With means to move elements of tool-pair during driving  
 144 ..Pivoted tool element  
 145 .Curved driver path  
 146 .Spring-actuated driver  
 147 .Impact-type driver  
 148 .Comprising means to angularly orient member  
 149 .Bias-type member holder  
 150 .Means to guide moving work  
 151 .Work immobilizer  
 152 ..Means to clamp work  
 153 ...Interrelated with driver-actuation  
 154 .Work support  
 155 ..Including clenching means  
 156 **MISCELLANEOUS**

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