

FIG 1

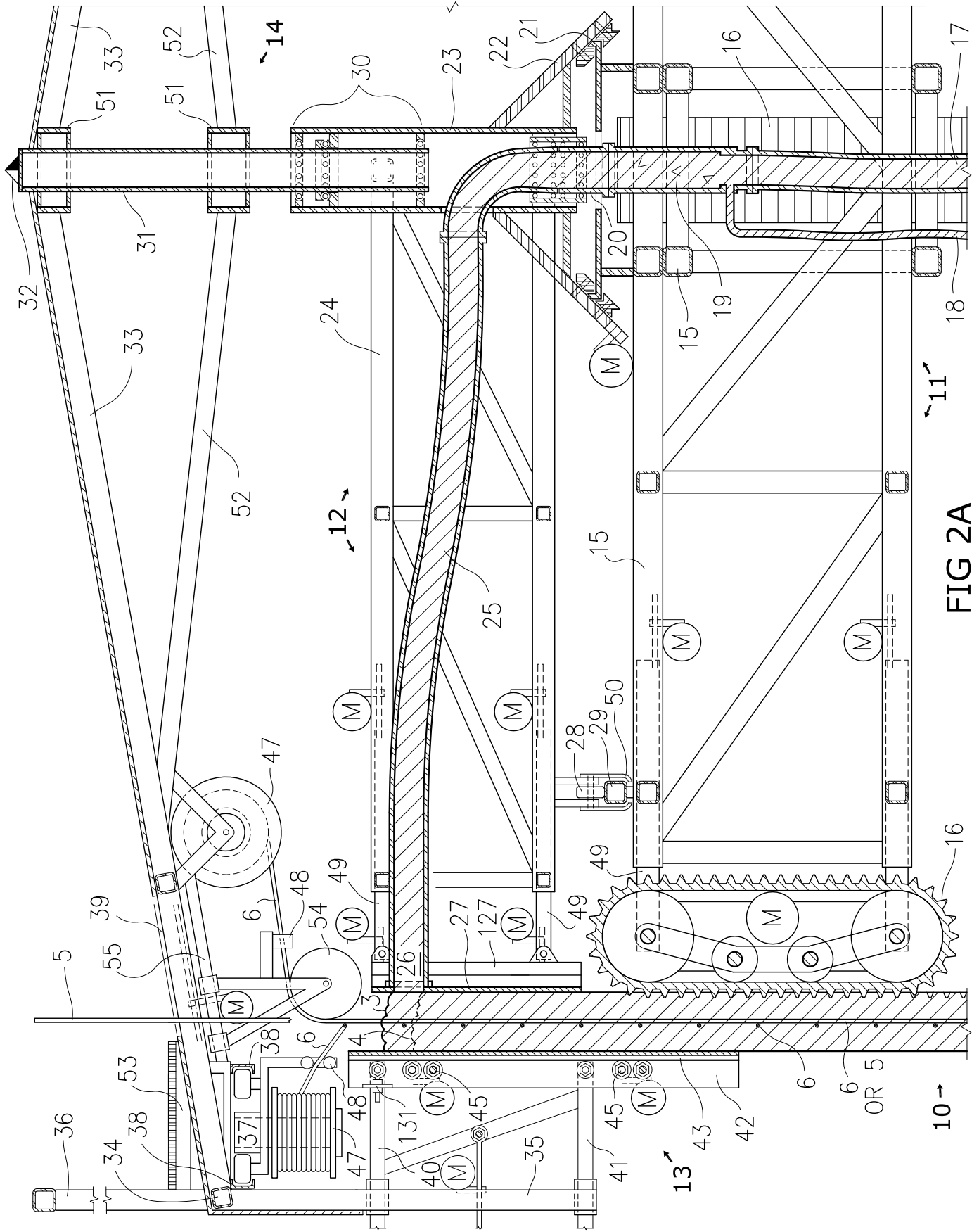


FIG 2A

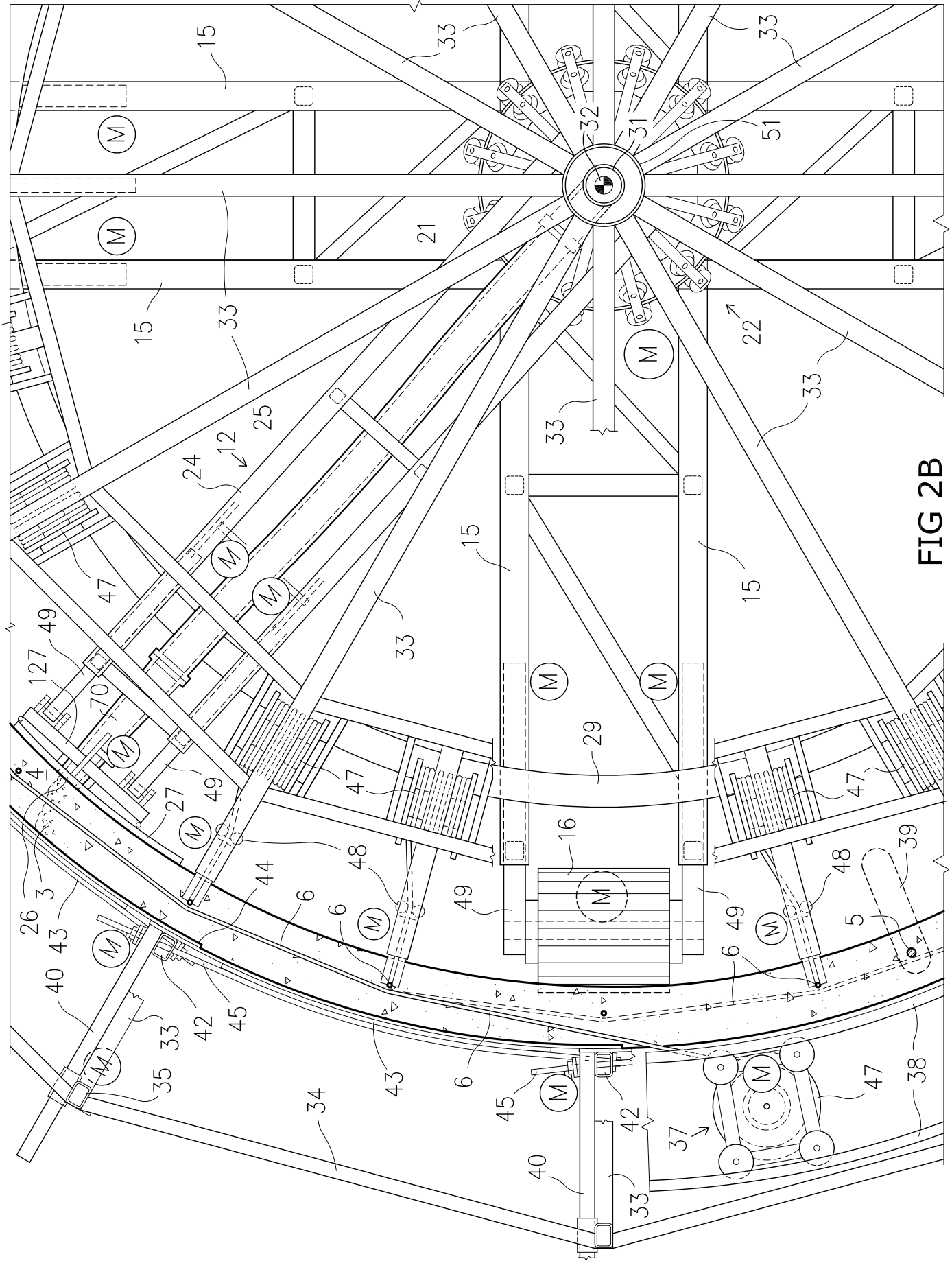


FIG 2B

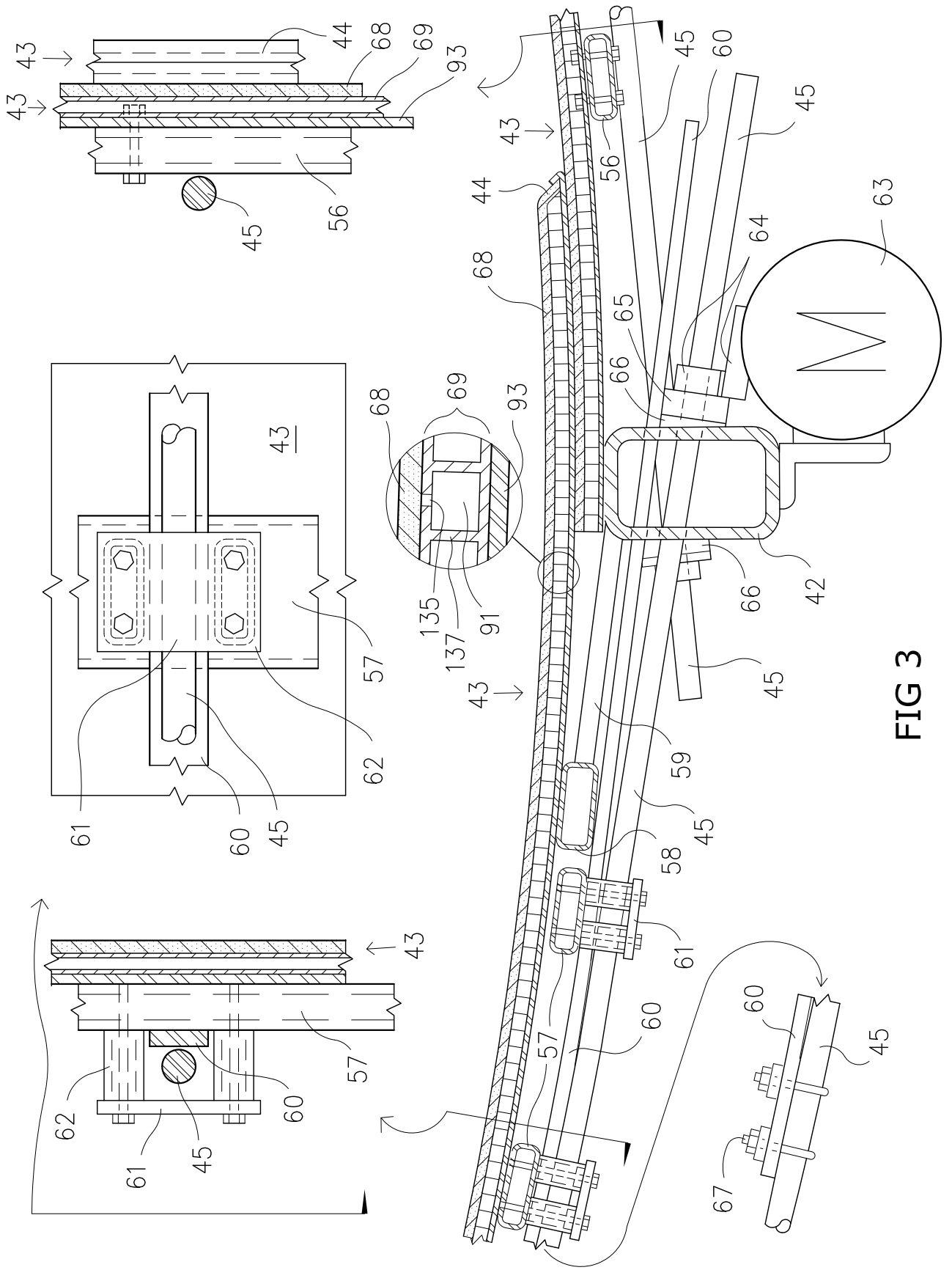
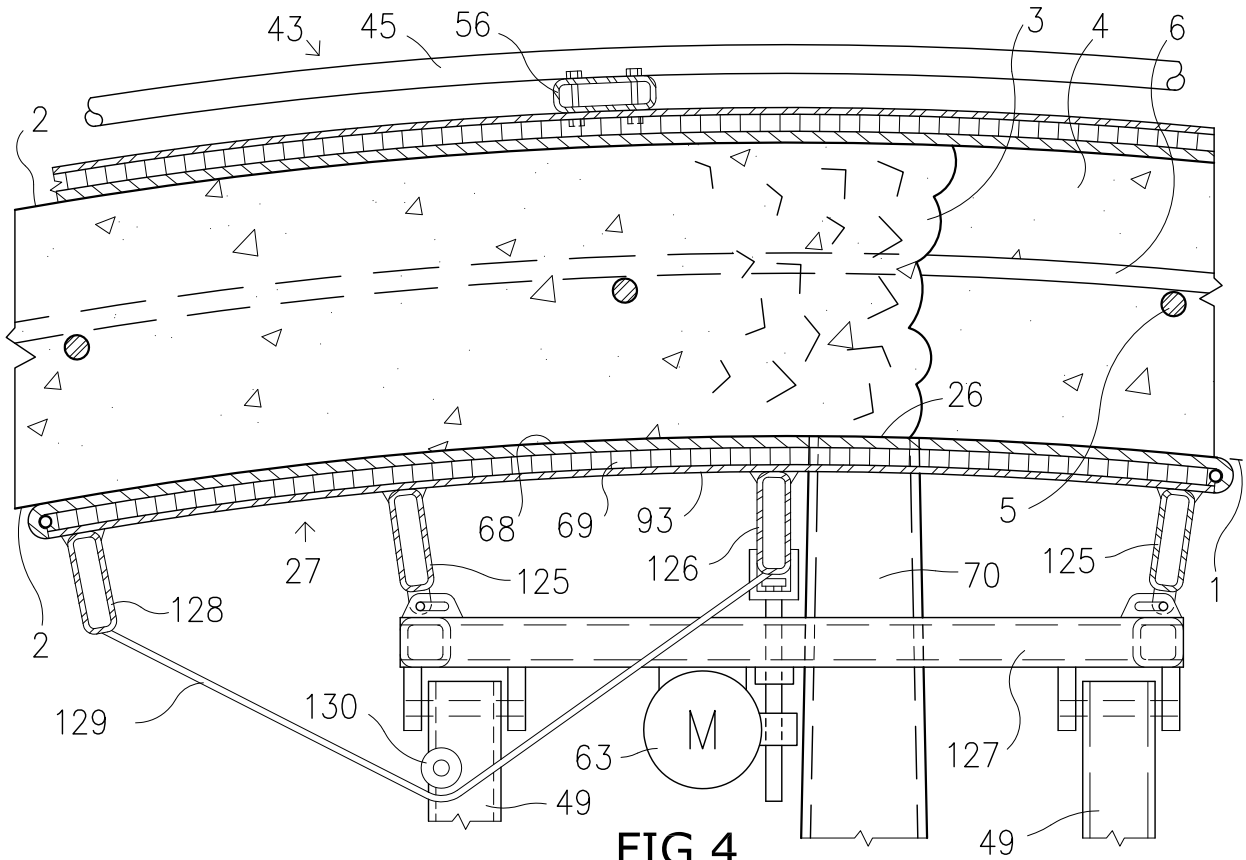
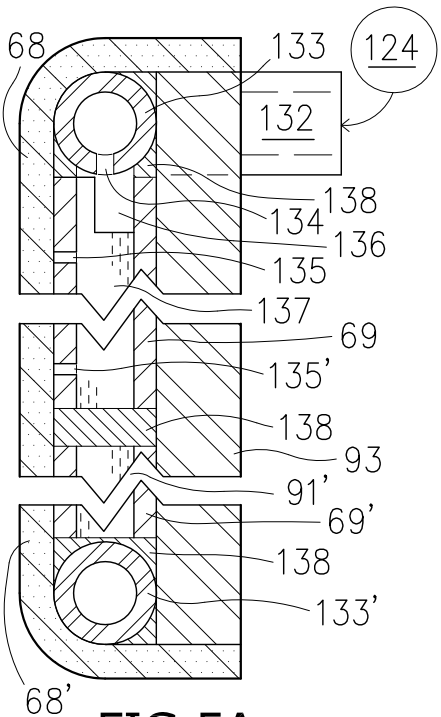


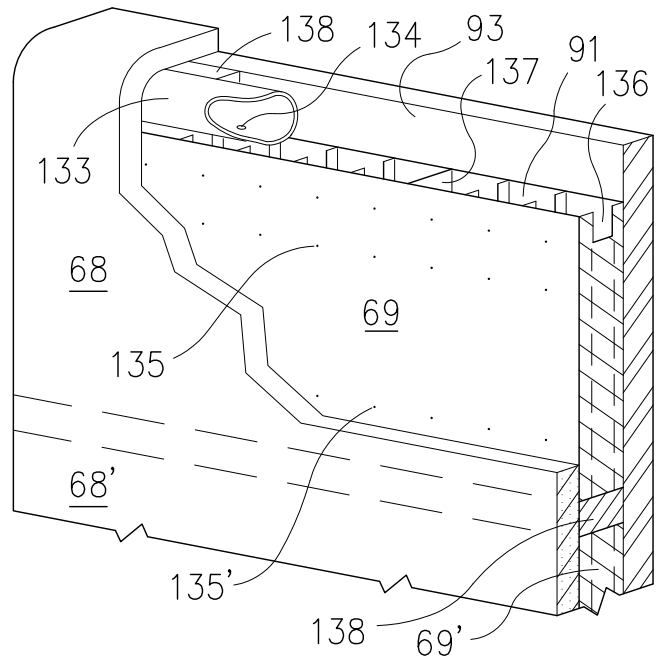
FIG 3



**FIG 4**



**FIG 5A**



**FIG 5B**

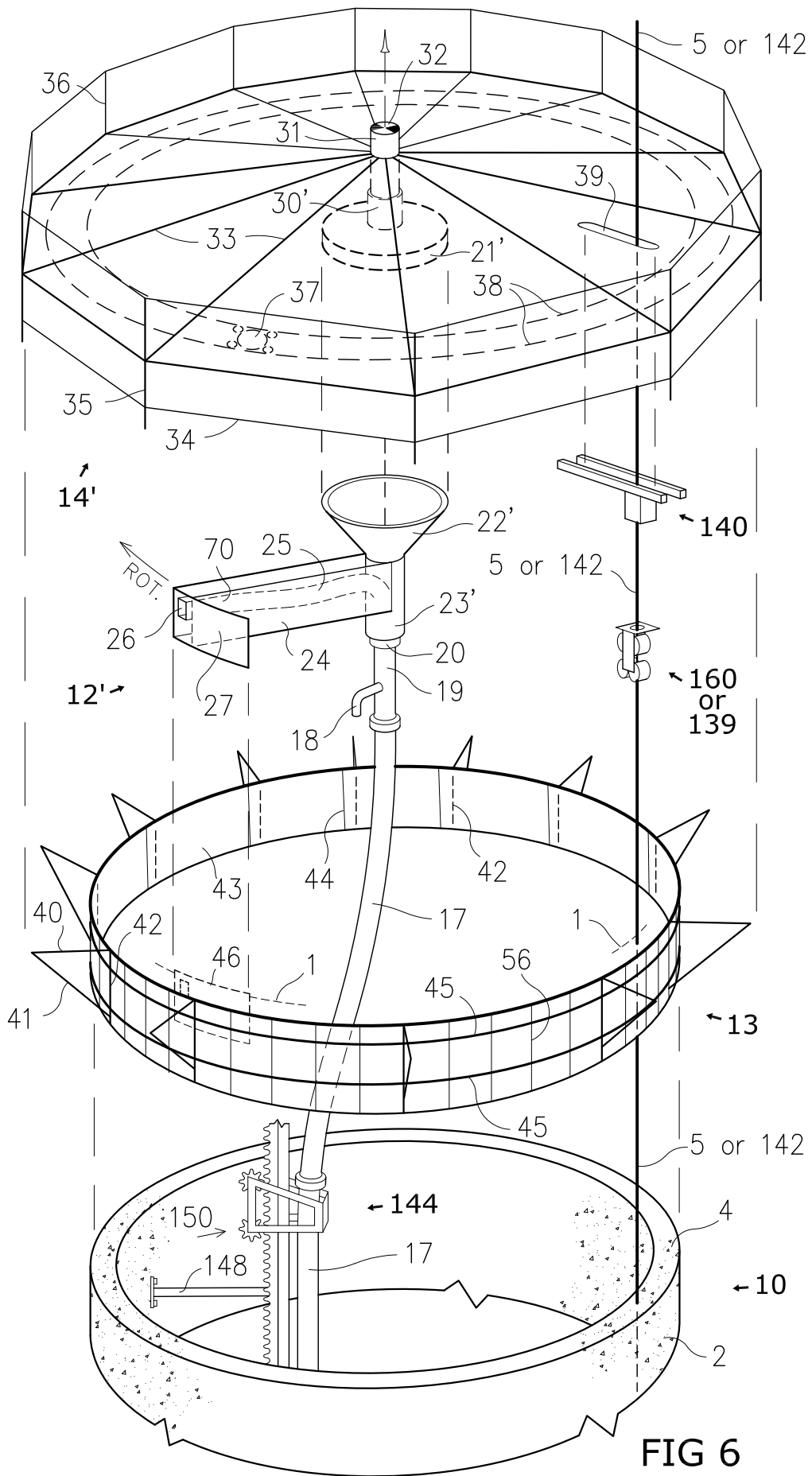
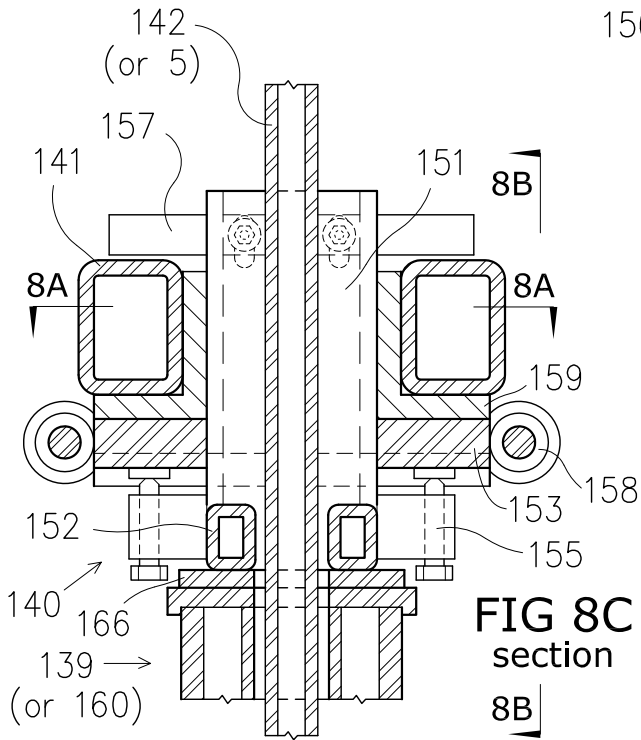
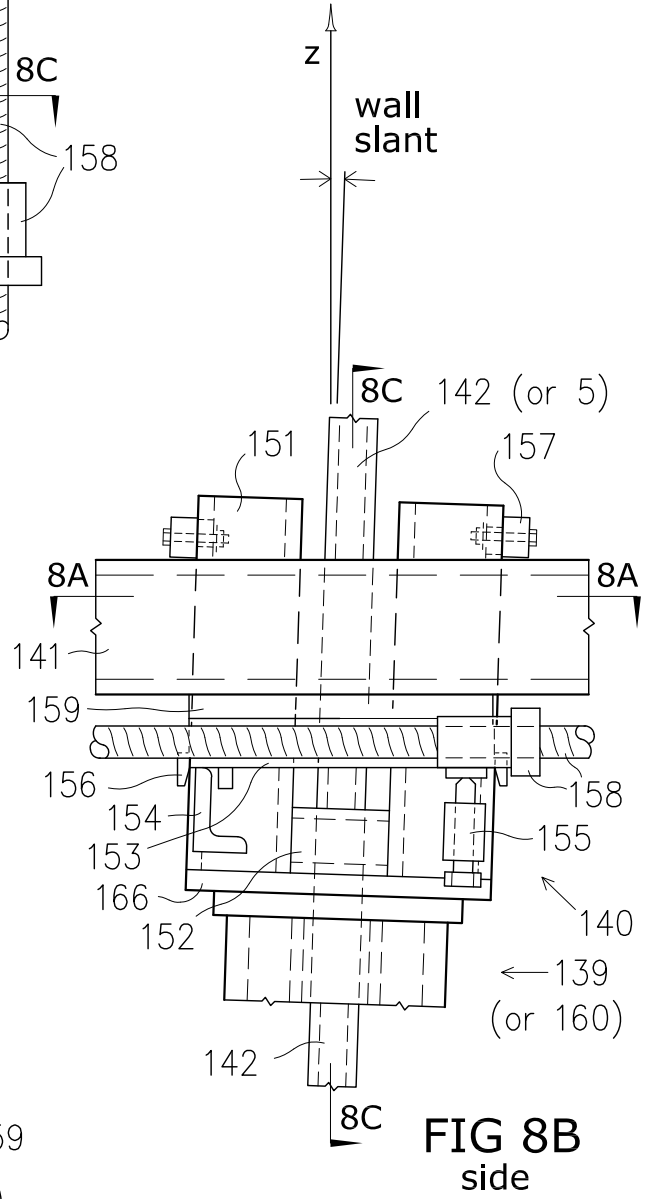
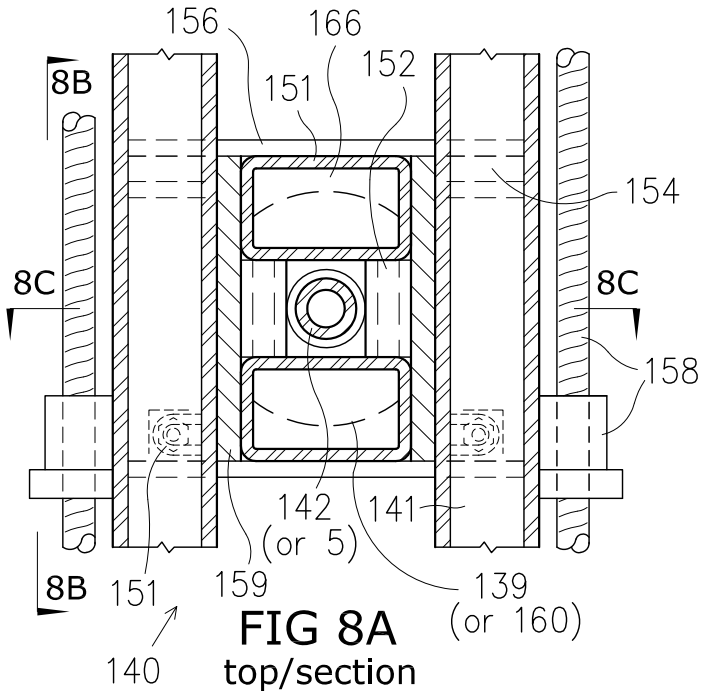


FIG 6







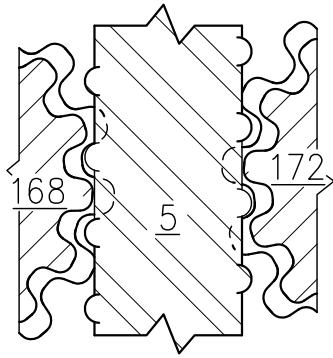


FIG 9D

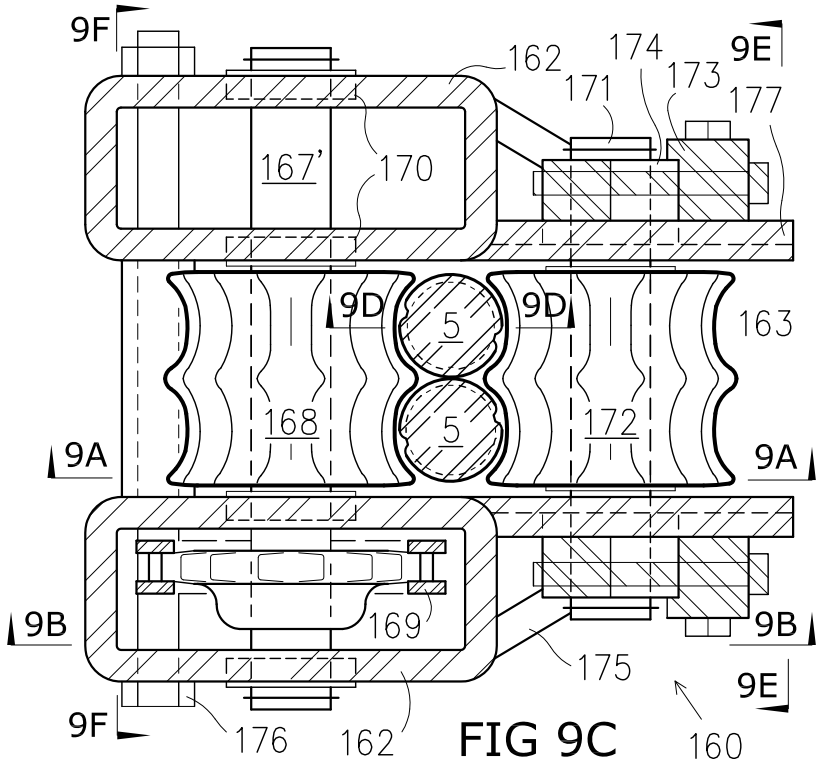


FIG 9C

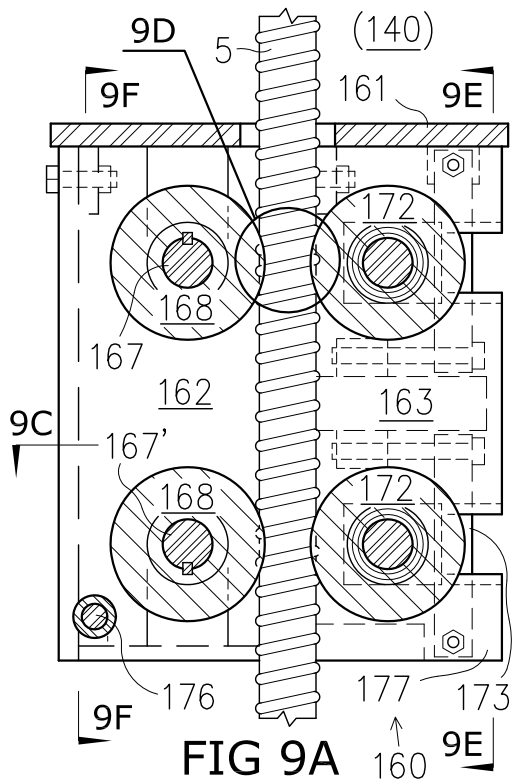


FIG 9A

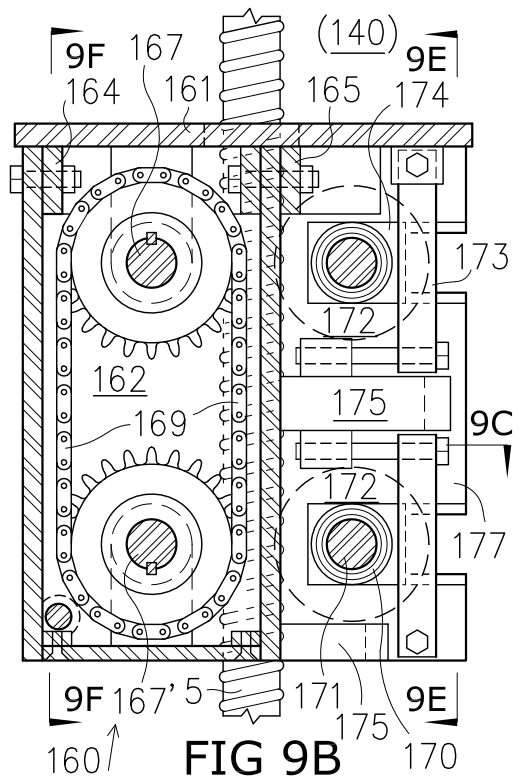
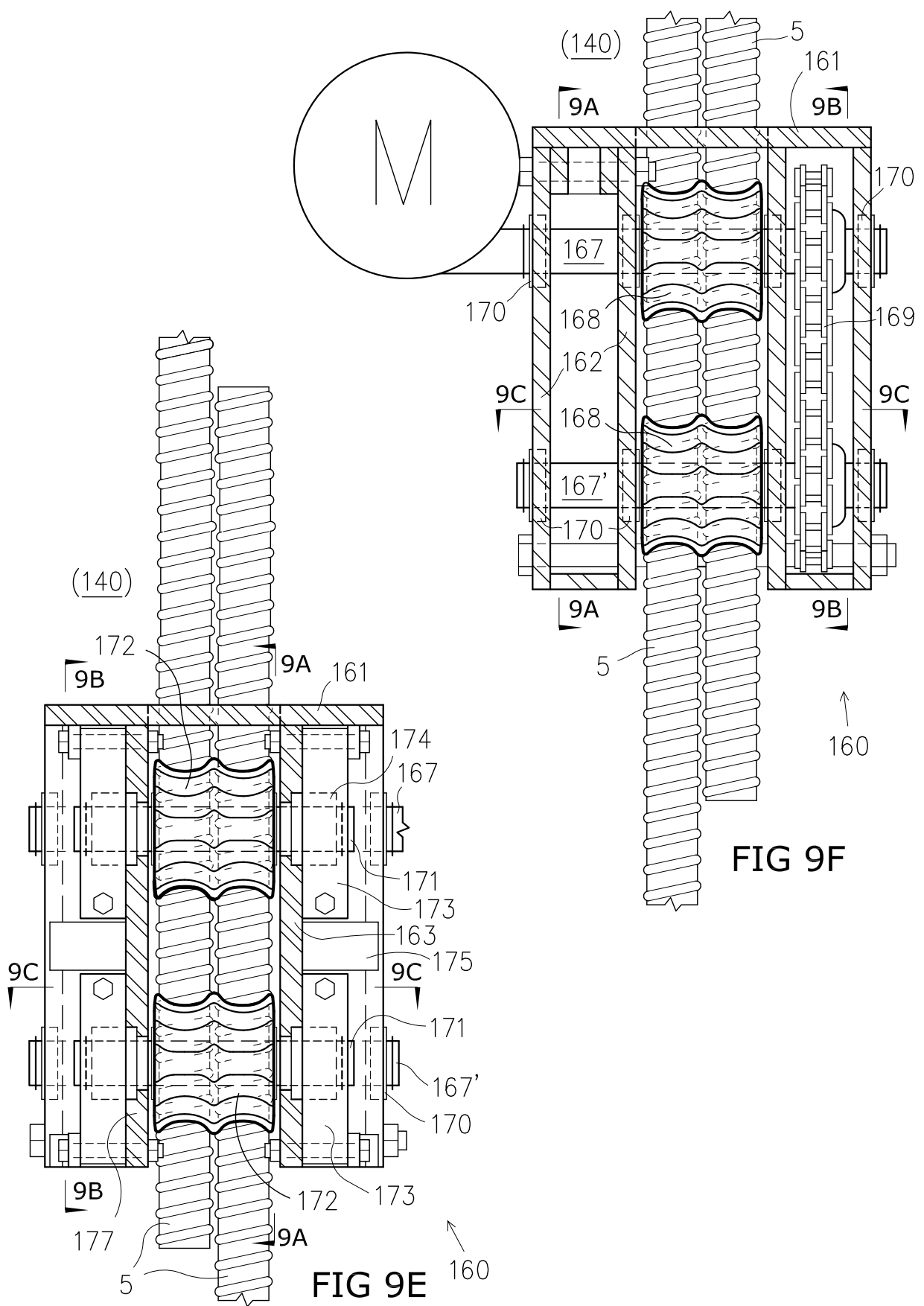


FIG 9B



**FIG 9F**

**FIG 9E**

TABLE C-C2.2 Approximate Values of Effective Length Factor, $K$						
Buckled shape of column is shown by dashed line.	(a)	(b)	(c)	(d)	(e)	(f)
Theoretical $K$ value	0.5	0.7	1.0	1.0	2.0	2.0
Recommended design value when ideal conditions are approximated	0.65	0.80	1.2	1.0	2.10	2.0
End condition code	<ul style="list-style-type: none"> <li> Rotation fixed and translation fixed</li> <li> Rotation free and translation fixed</li> <li> Rotation fixed and translation free</li> <li> Rotation free and translation free</li> </ul>					

FIG 11

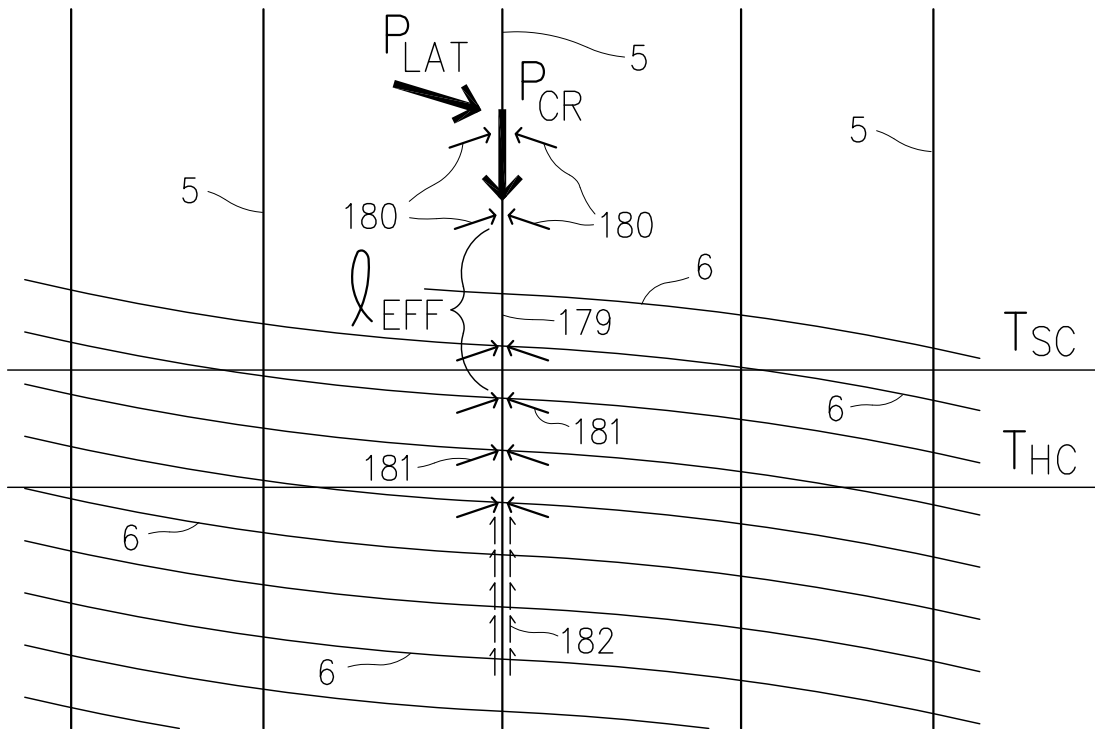
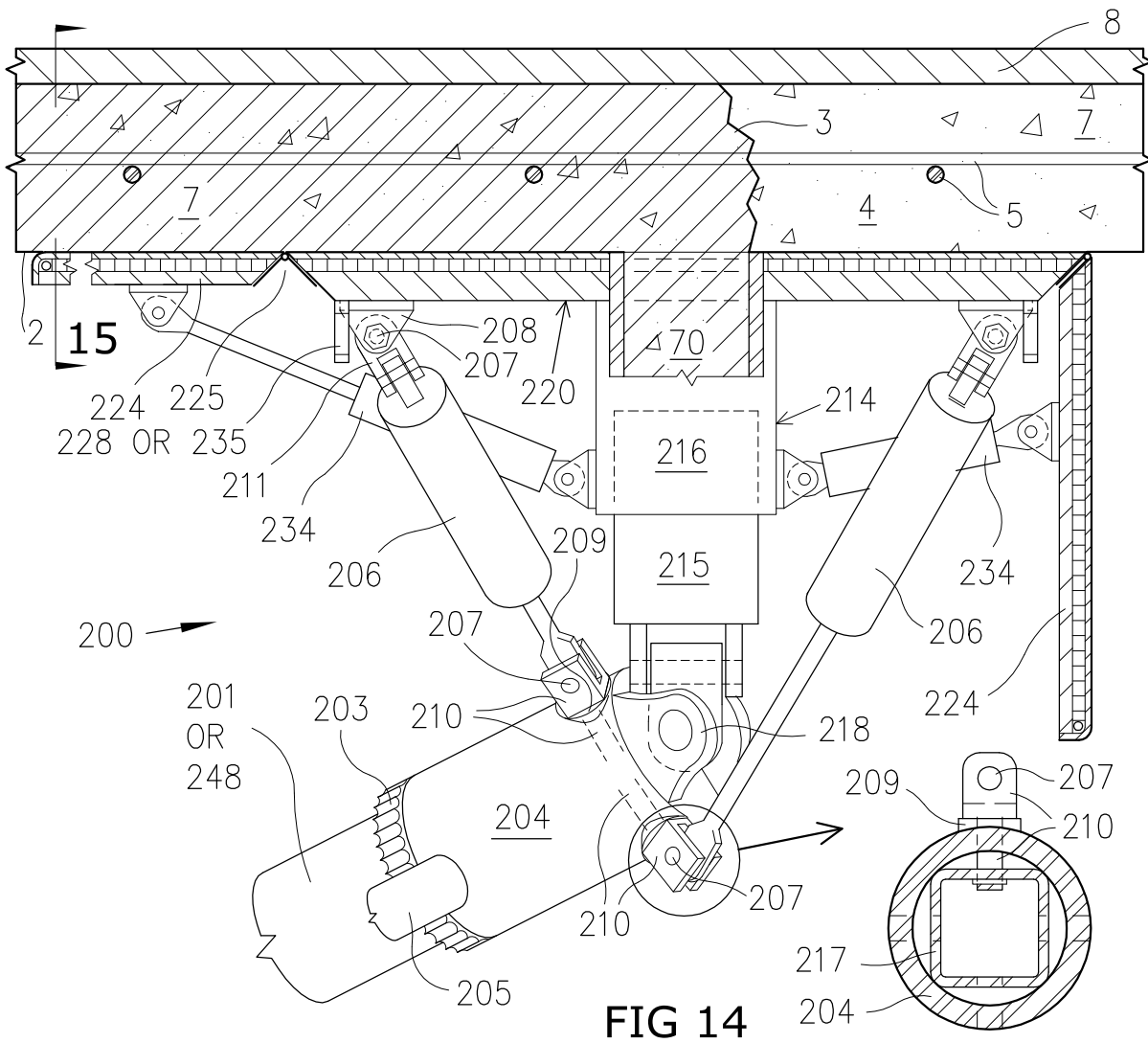
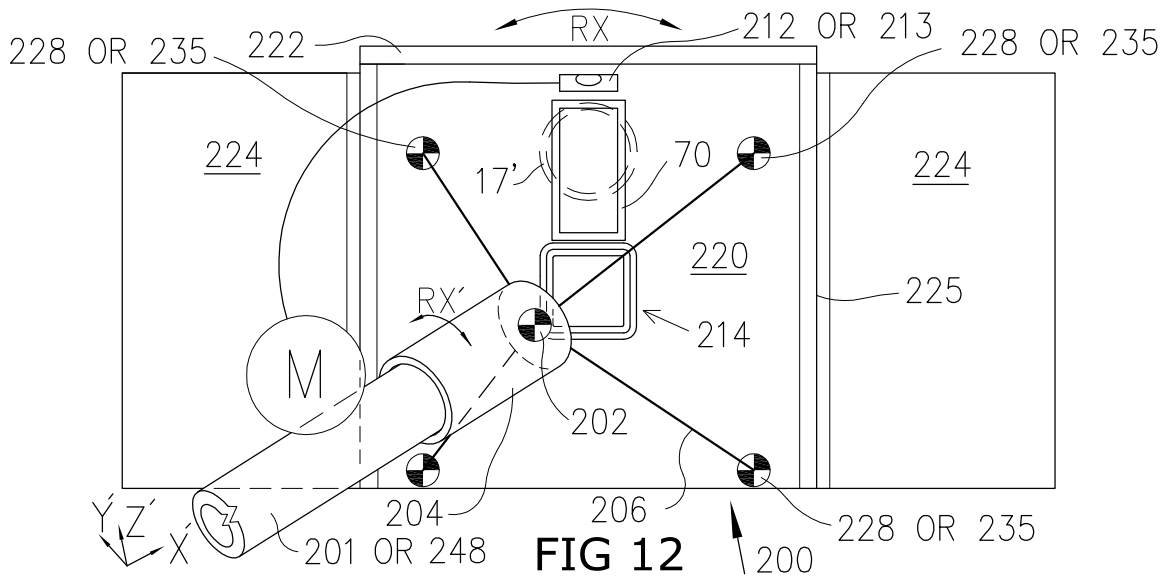


FIG 10





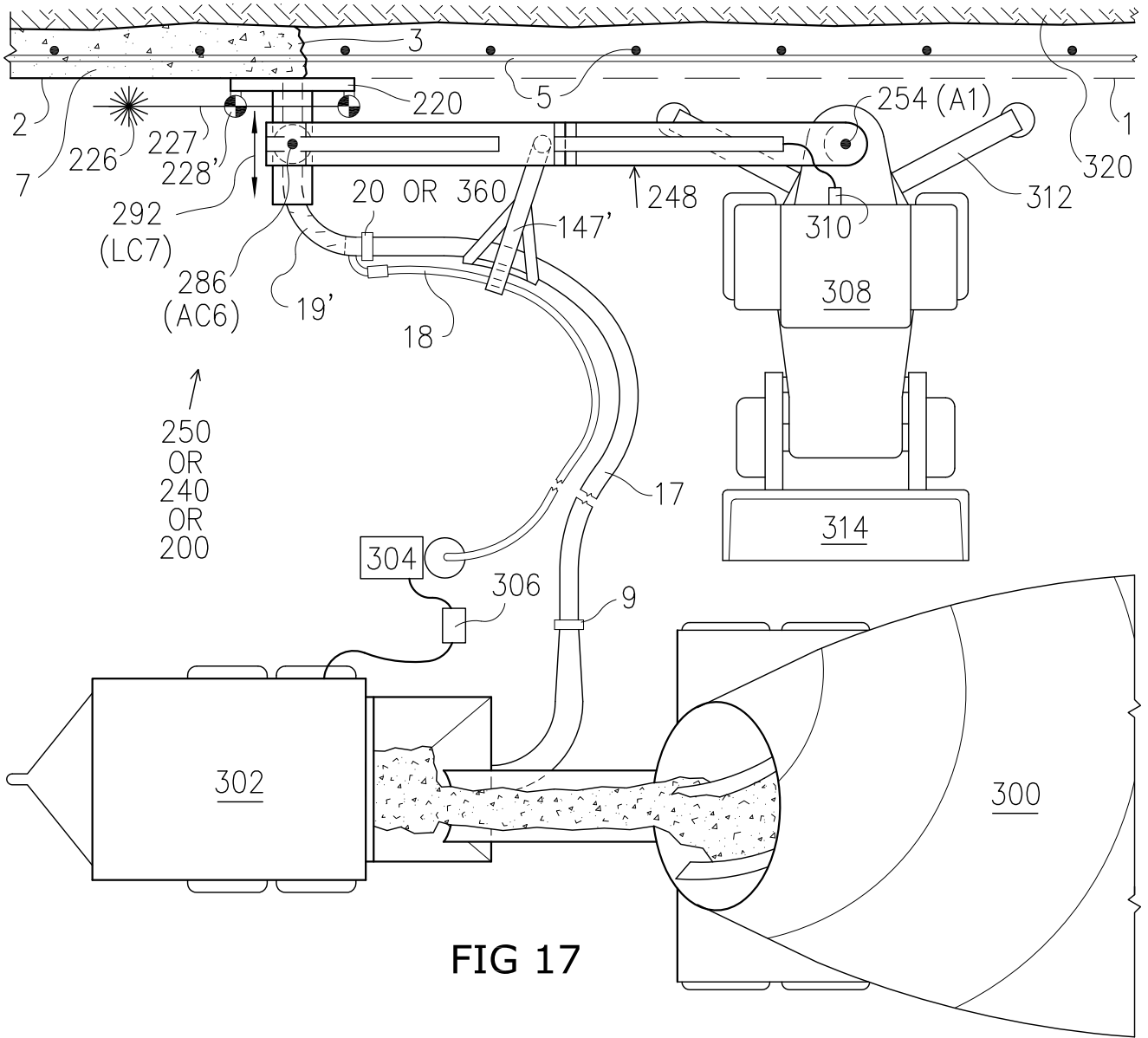


FIG 17

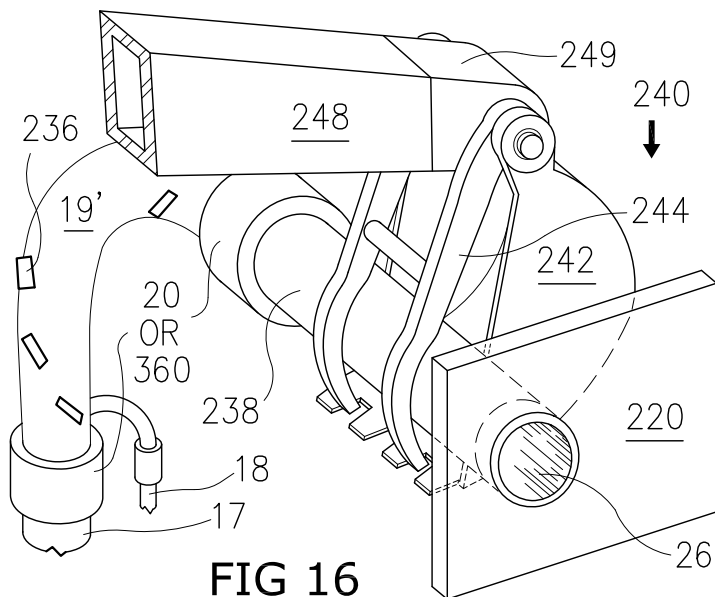


FIG 16

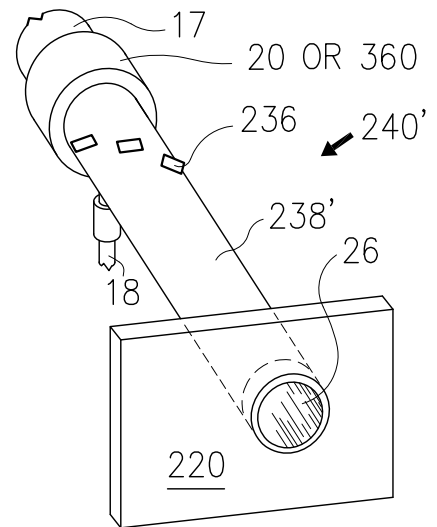
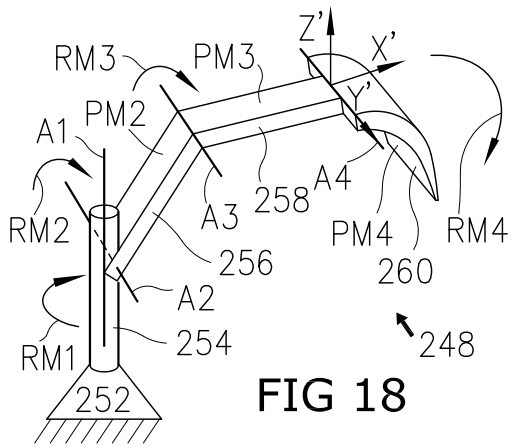
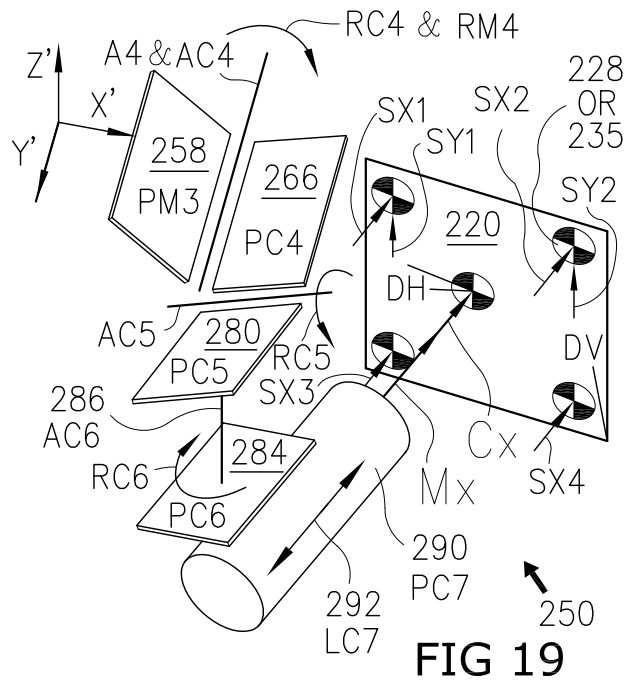


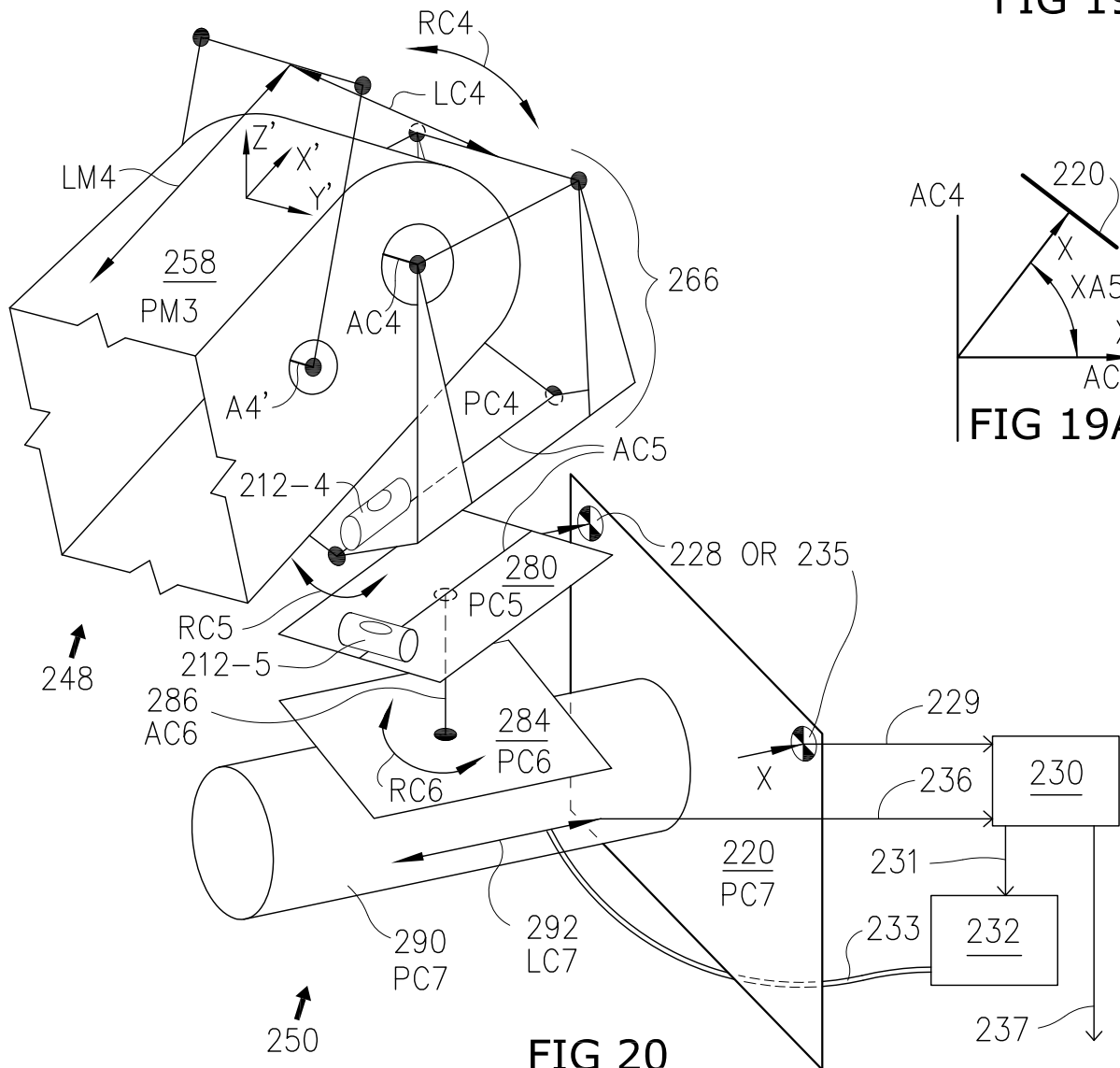
FIG 16A



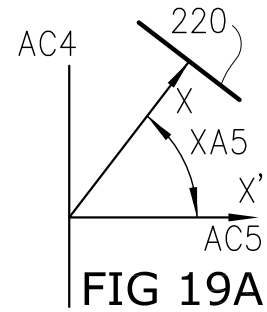
**FIG 18**



**FIG 19**



**FIG 20**



**FIG 19A**

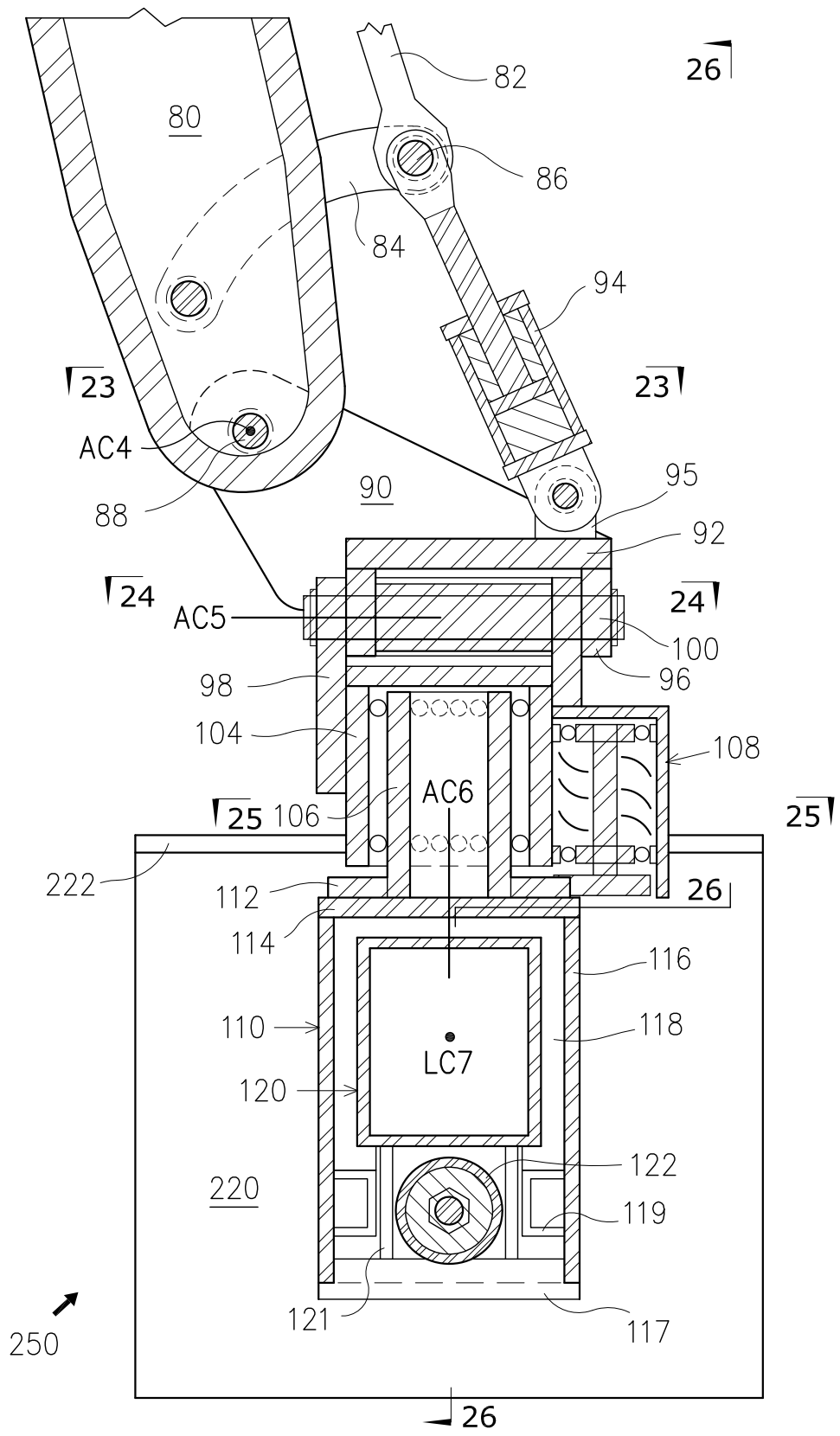
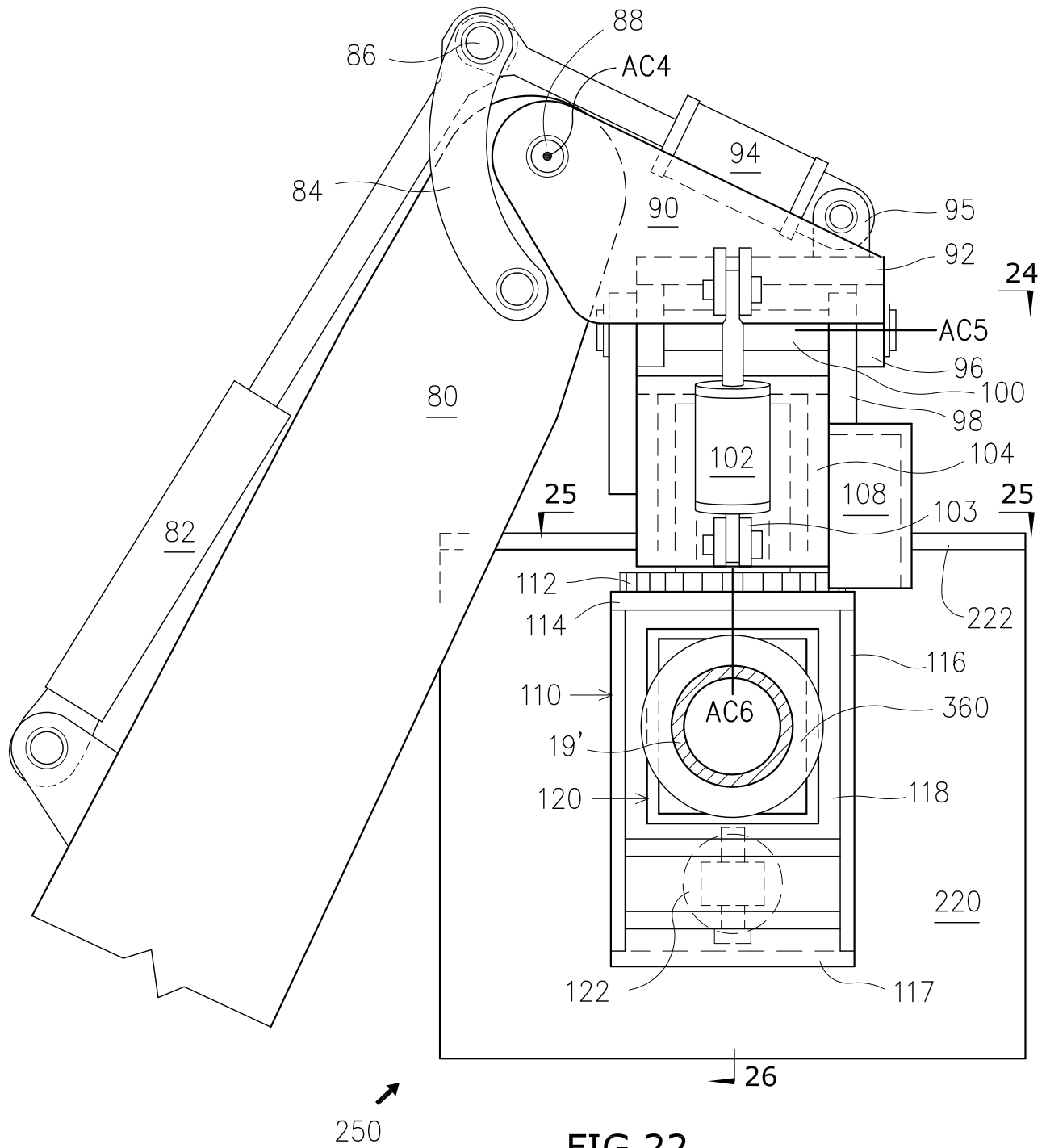
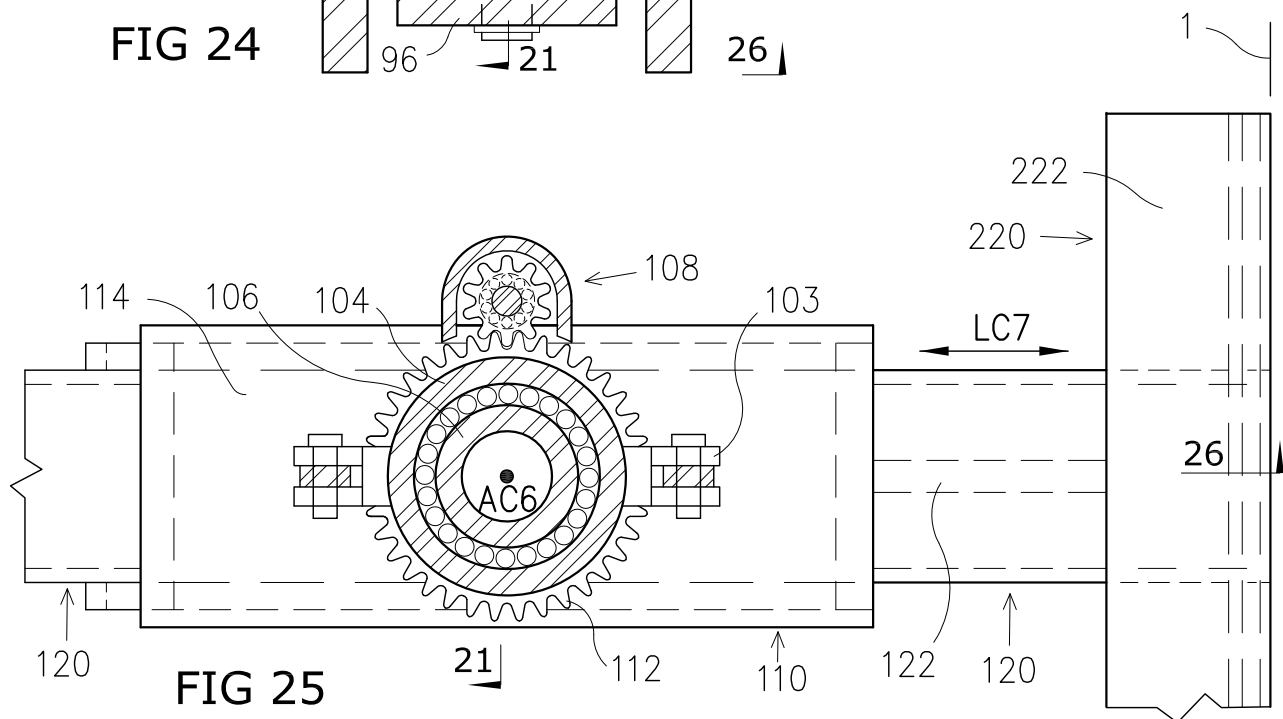
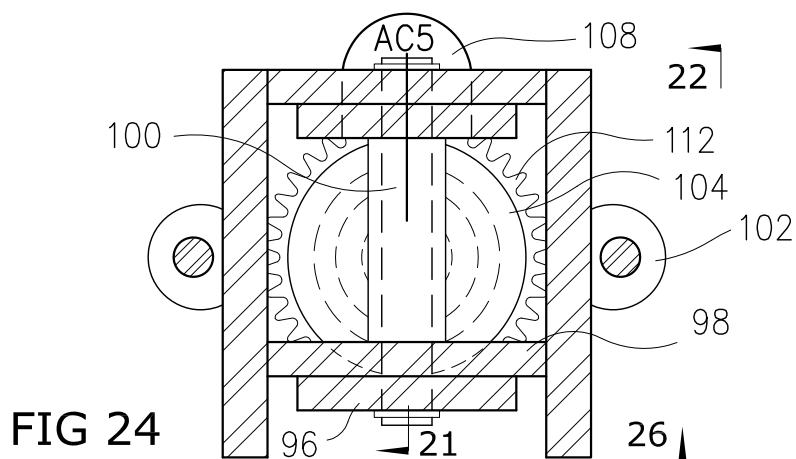
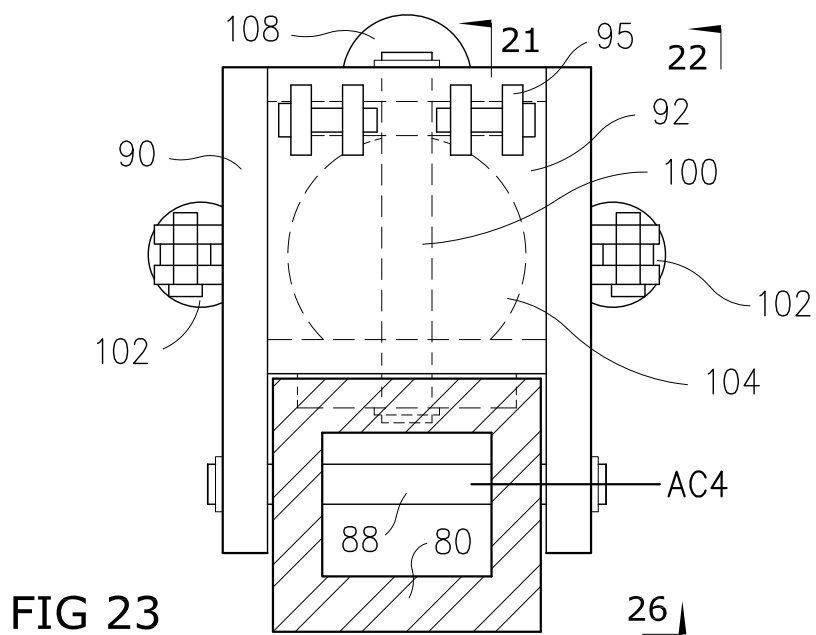


FIG 21







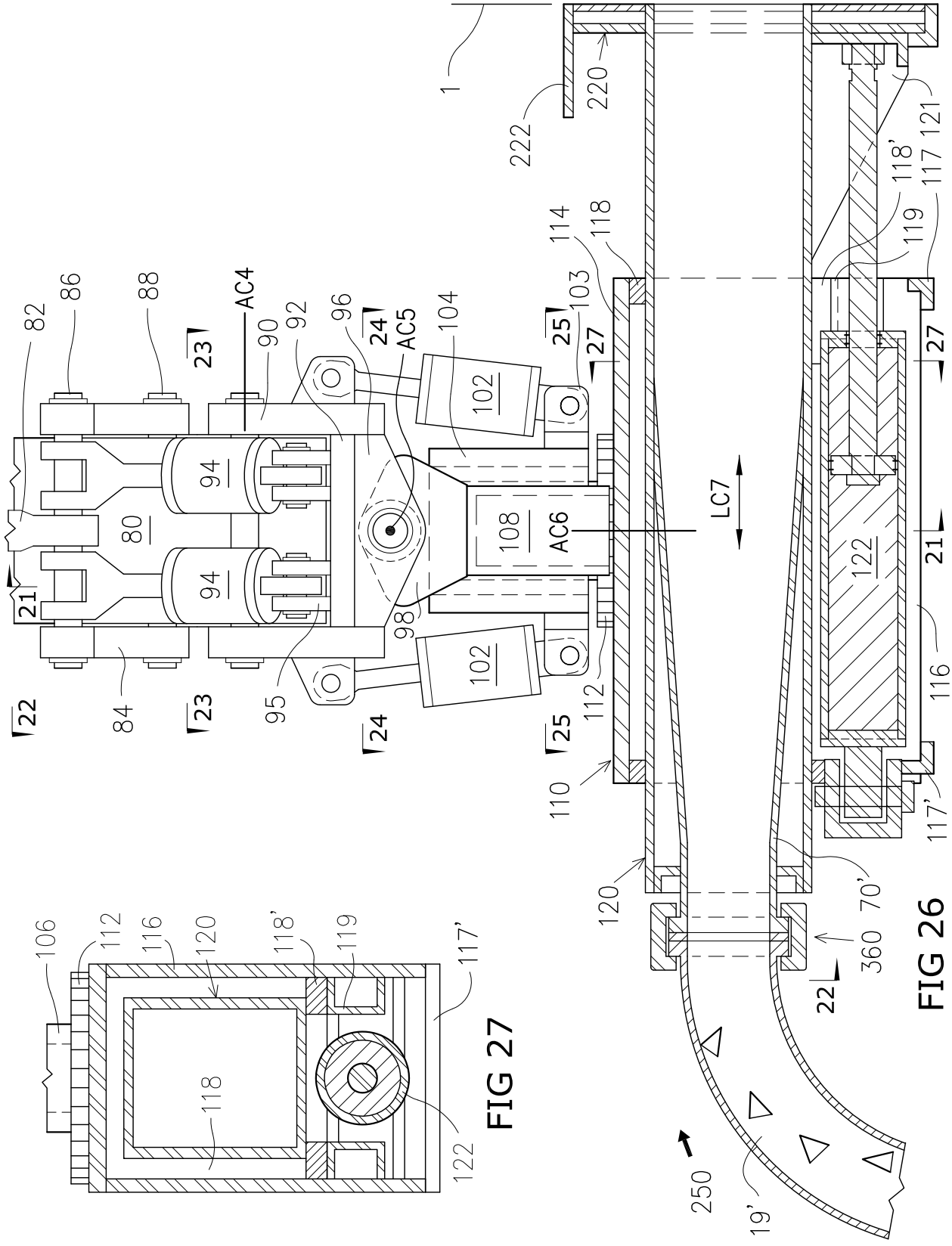


FIG 27

FIG 26

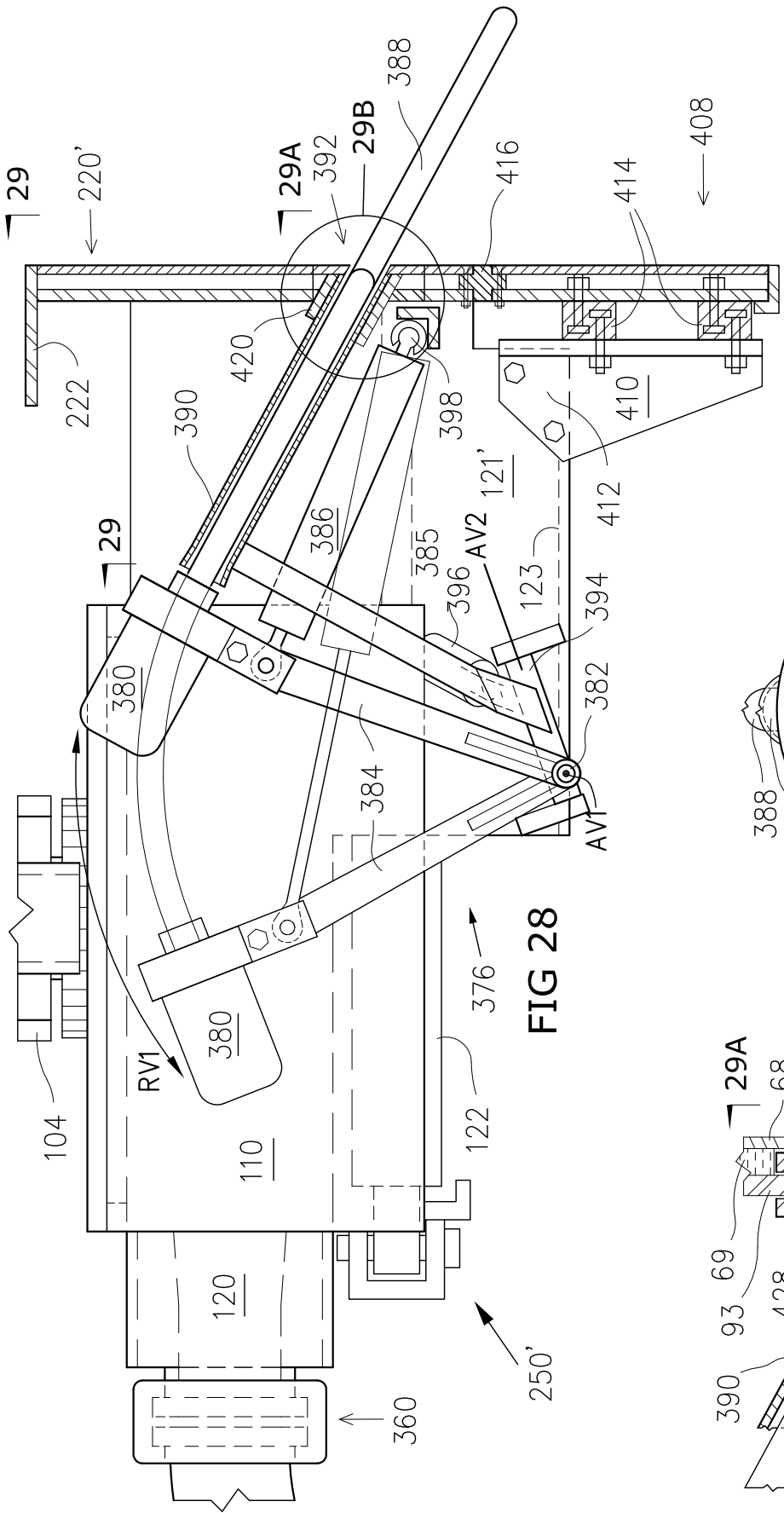


FIG 28

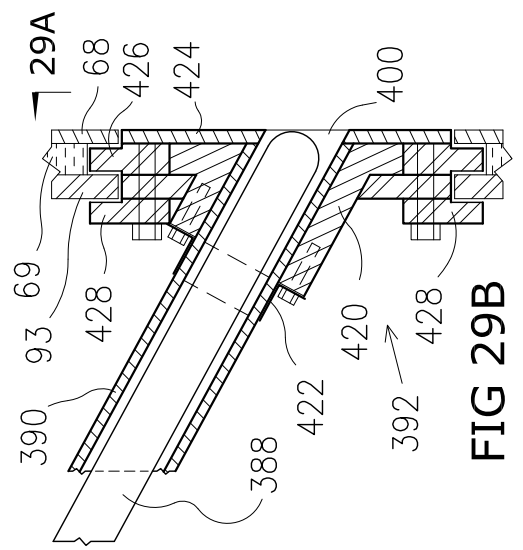


FIG 29A

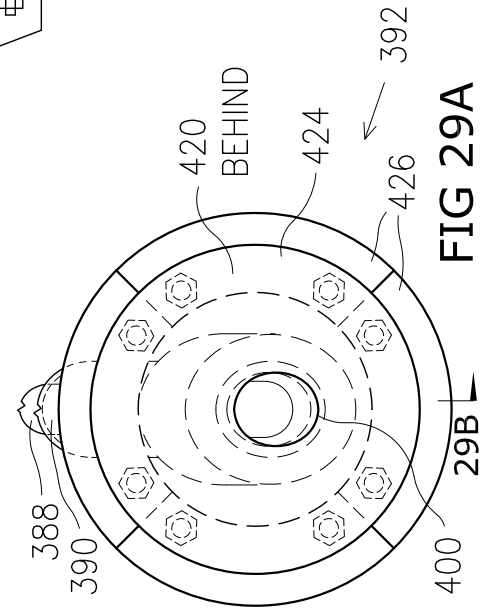


FIG 29B

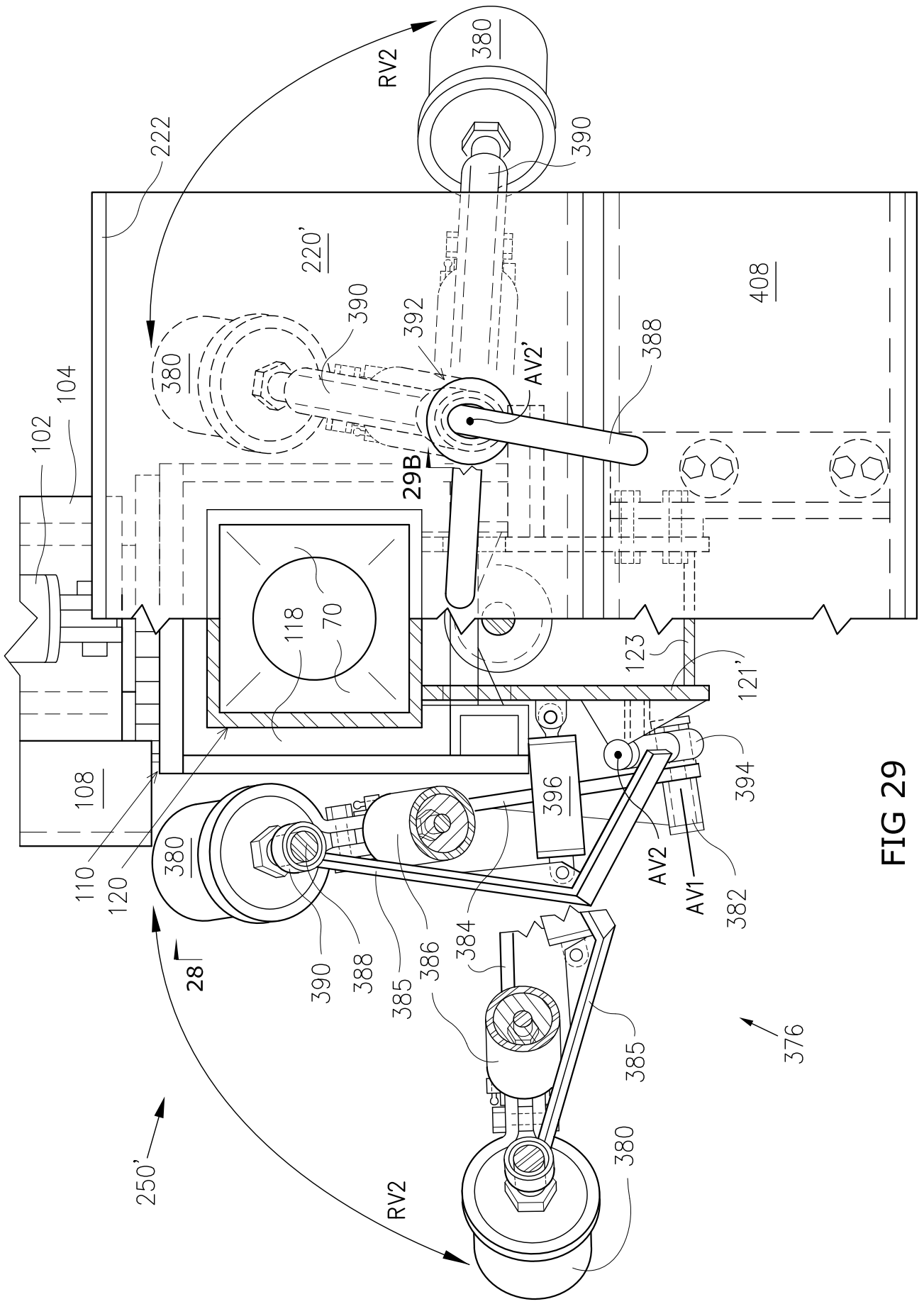
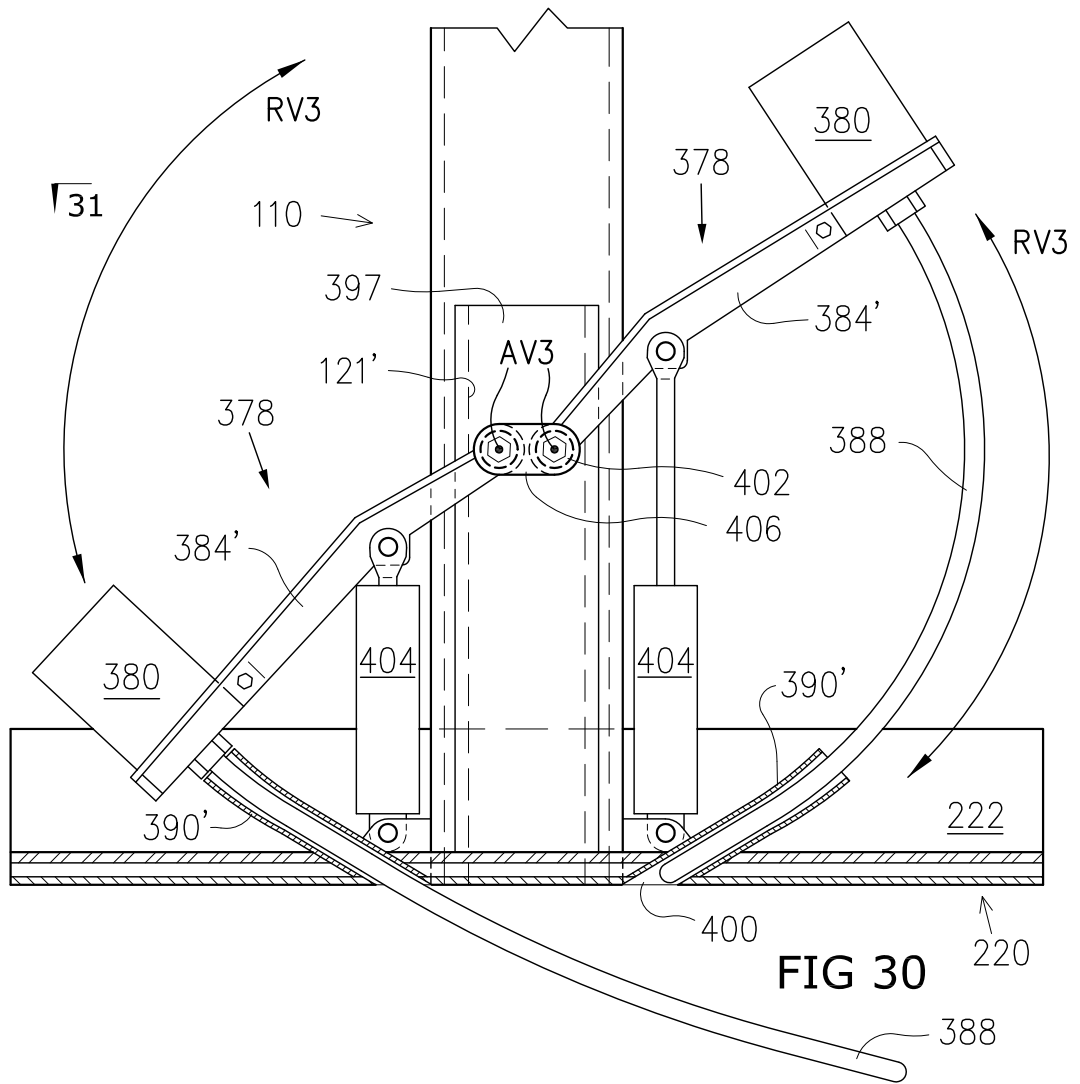
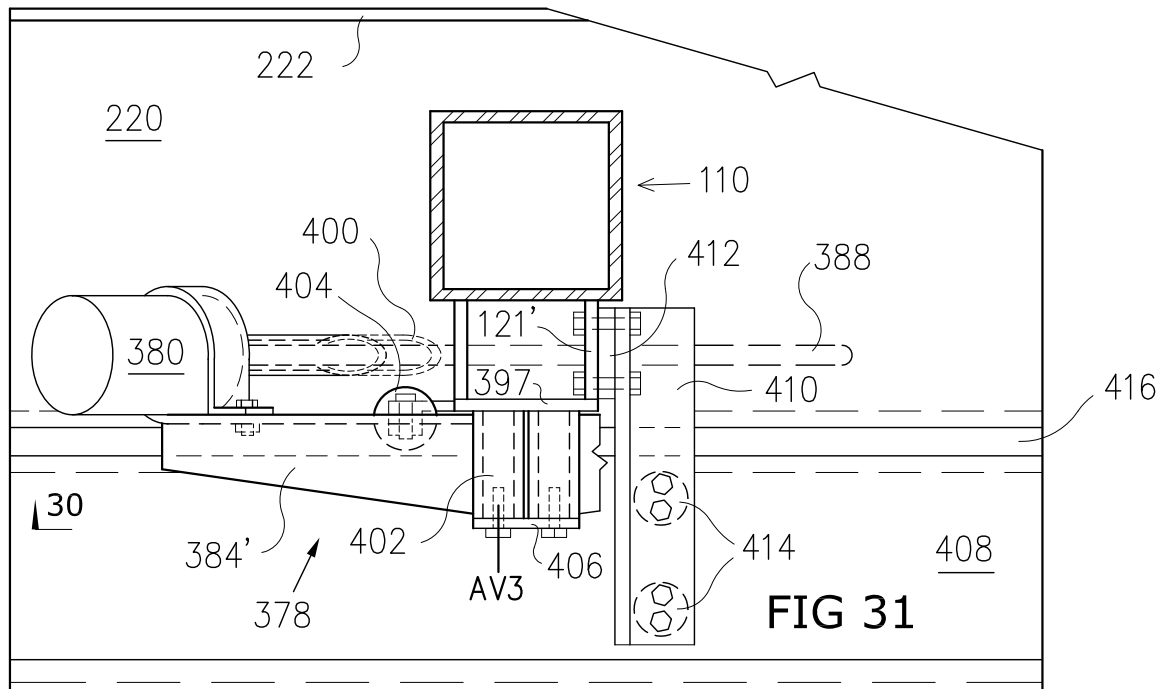


FIG 29



**FIG 30**



**FIG 31**

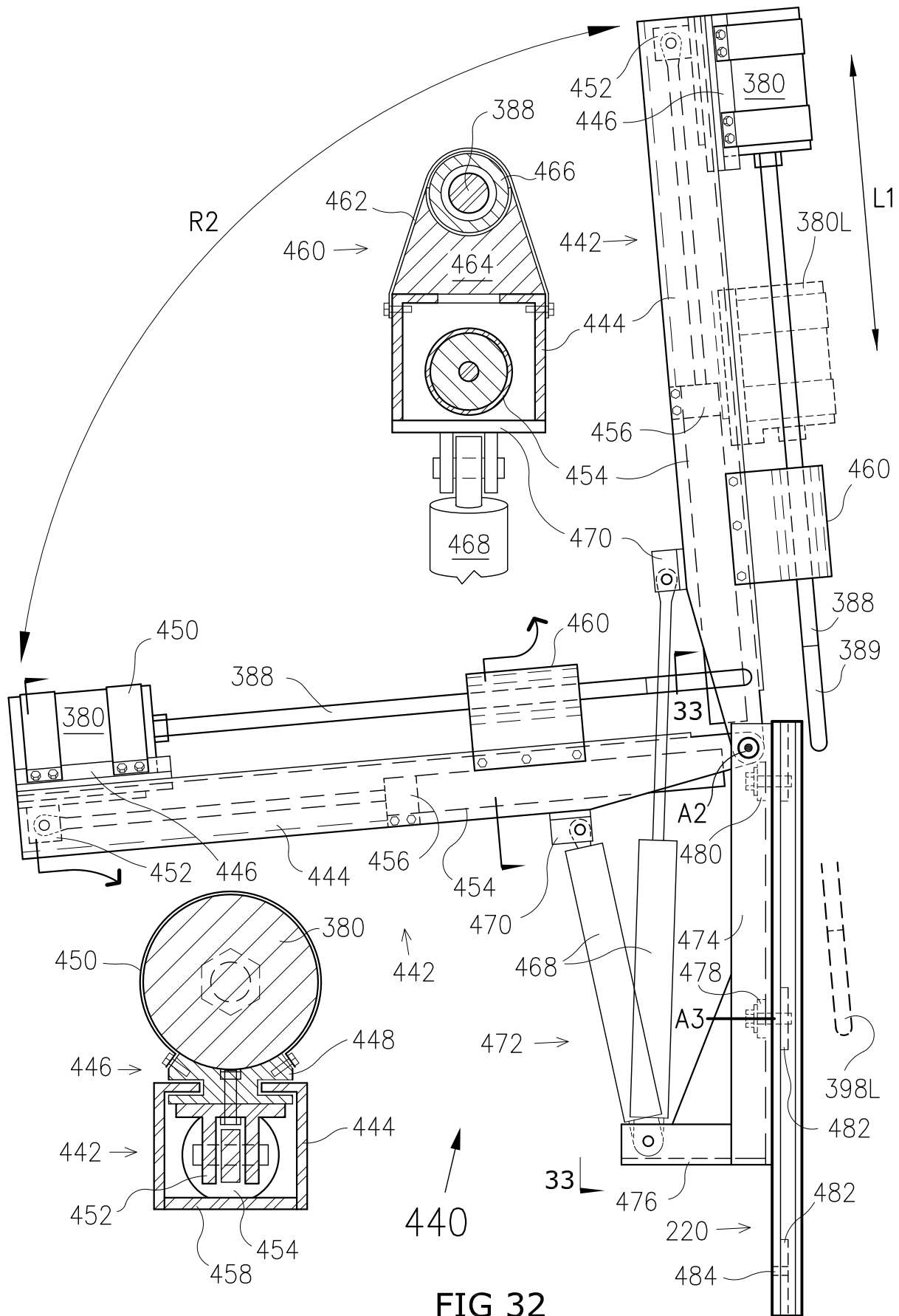
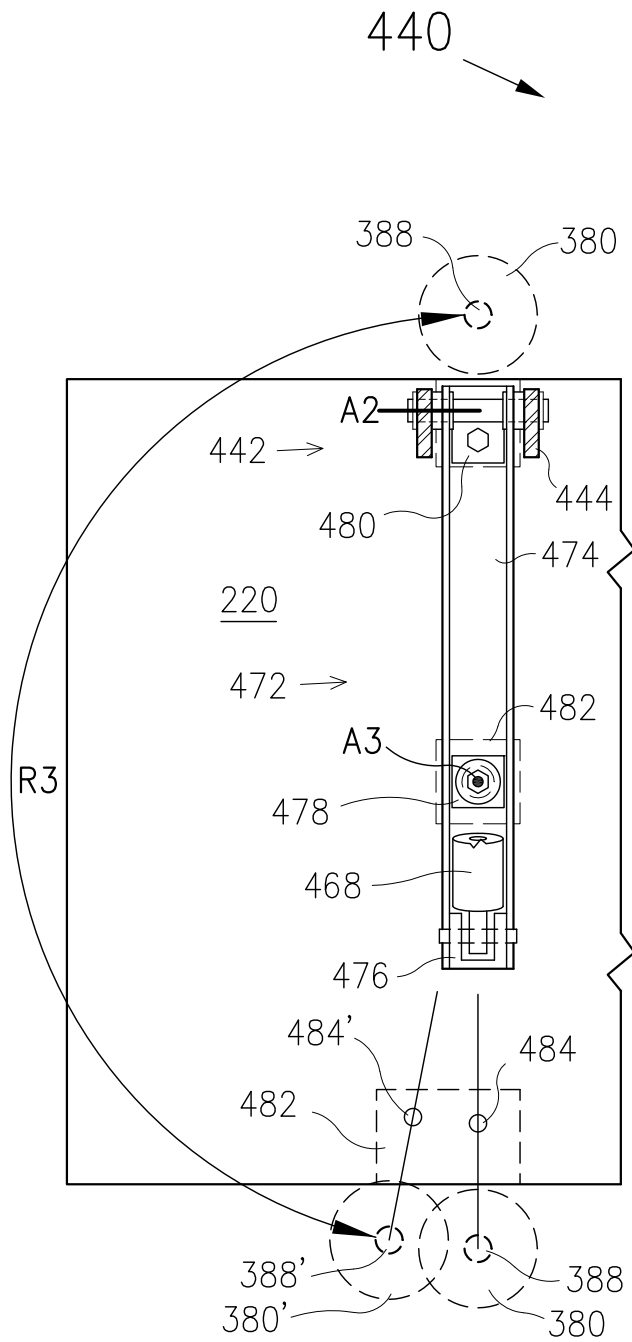
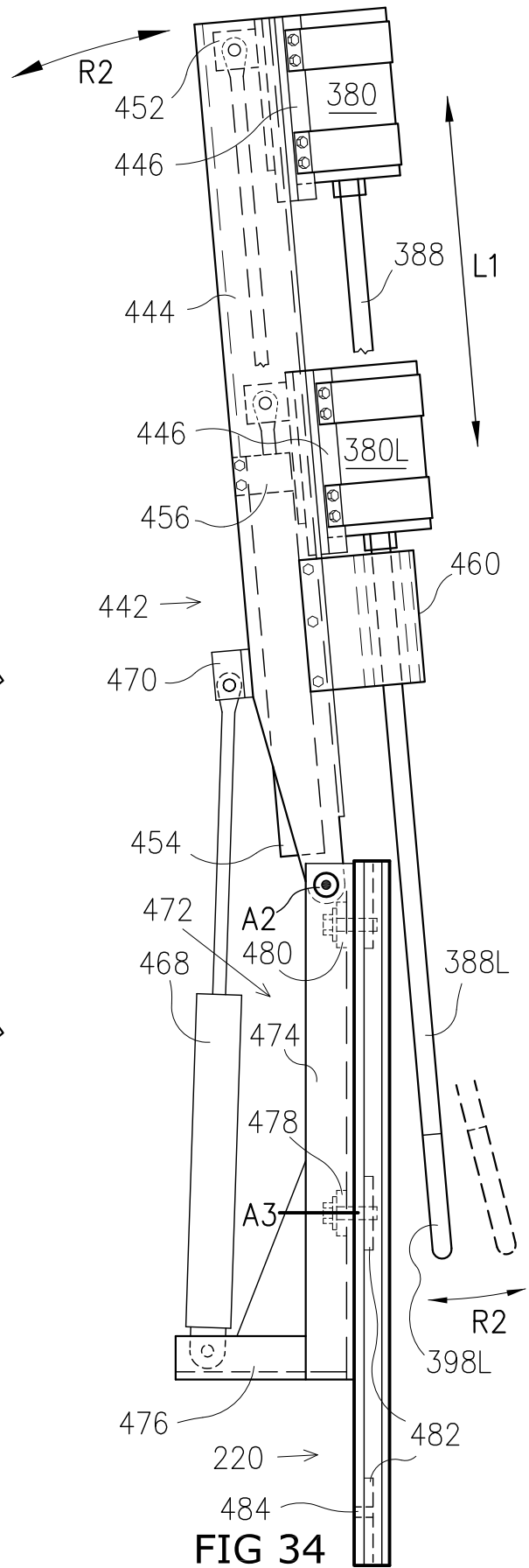


FIG 32



**FIG 33**



**FIG 34**





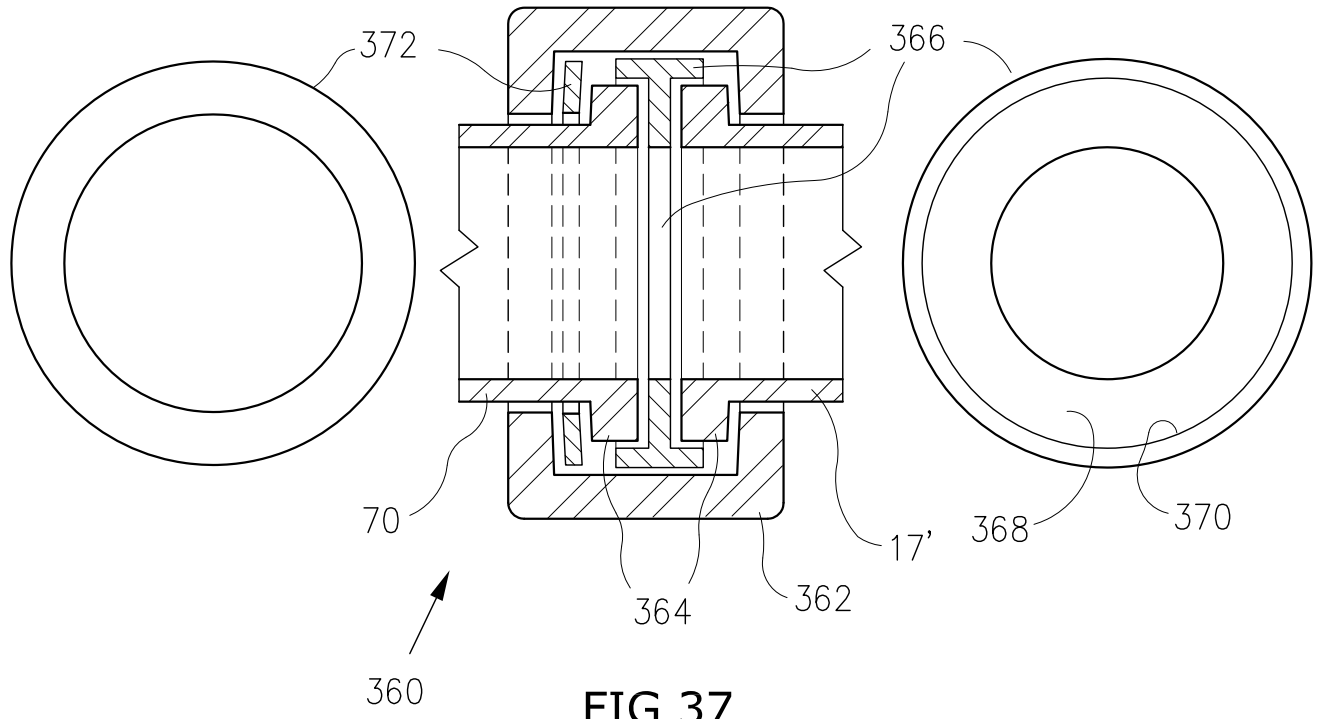


FIG 37

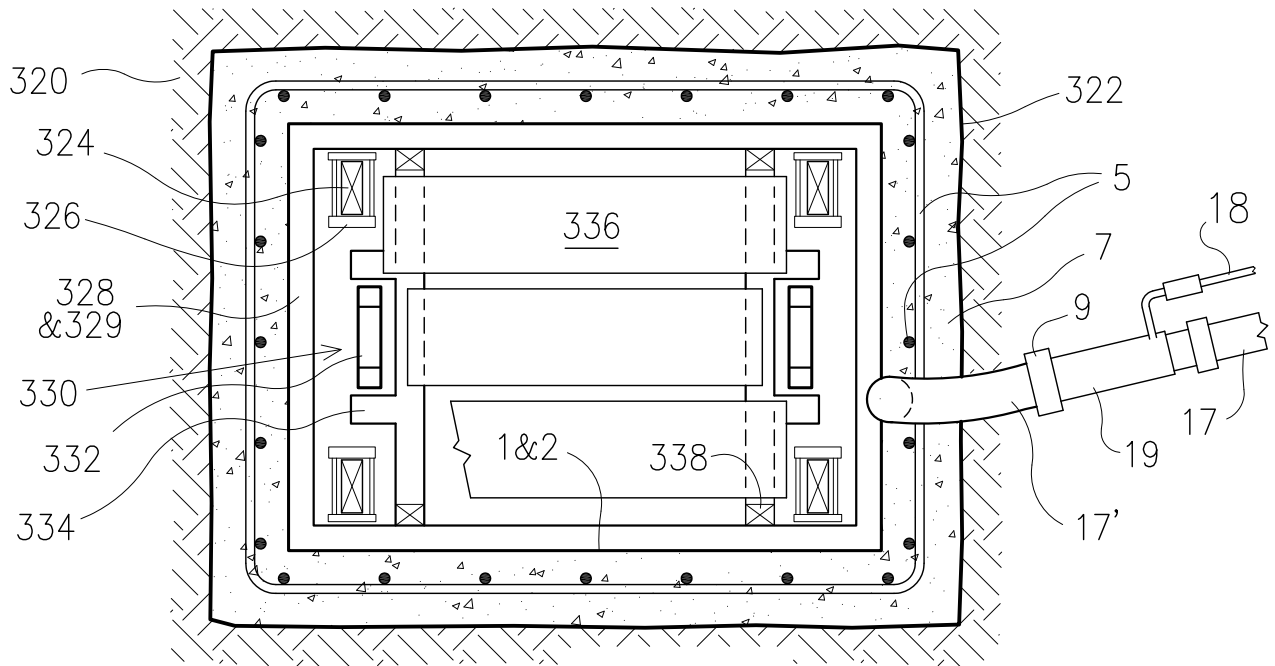
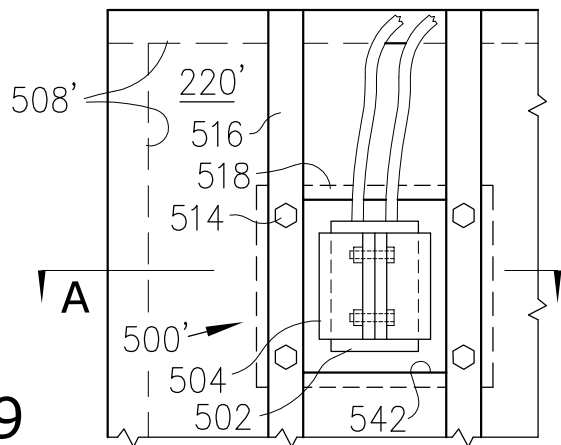
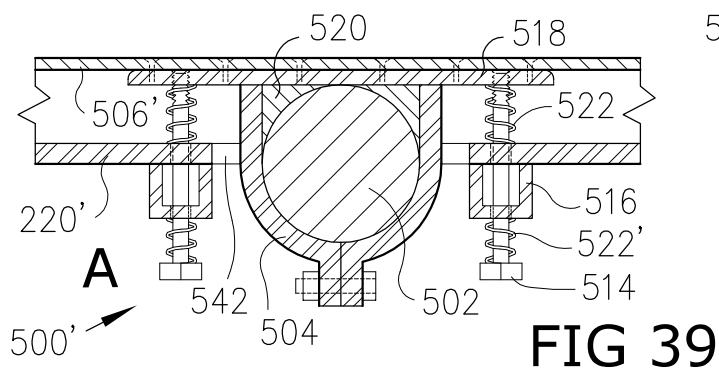
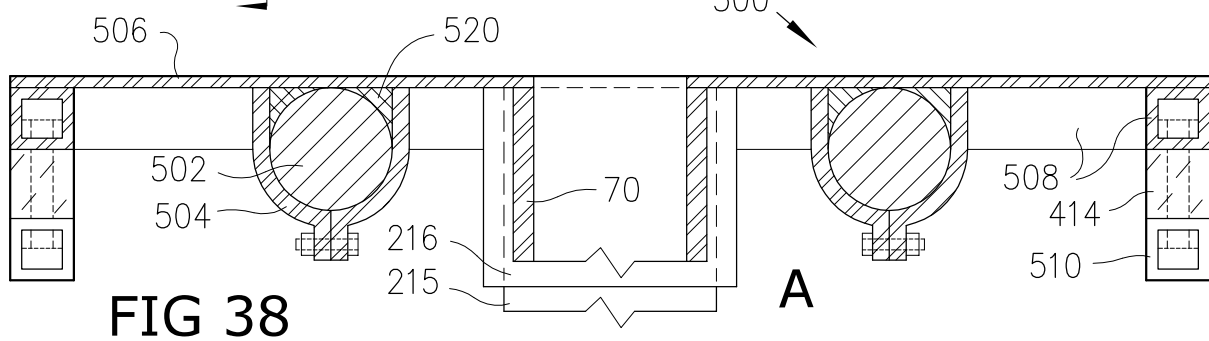
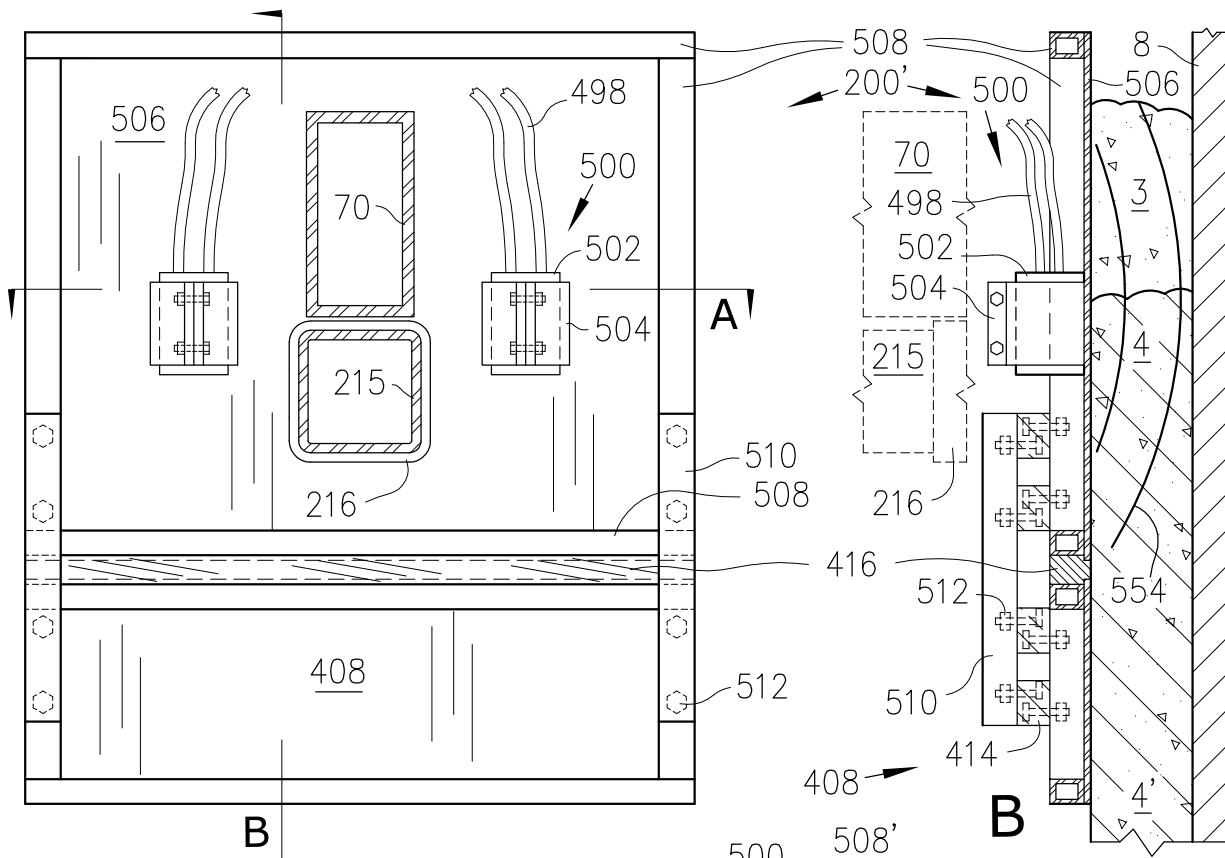
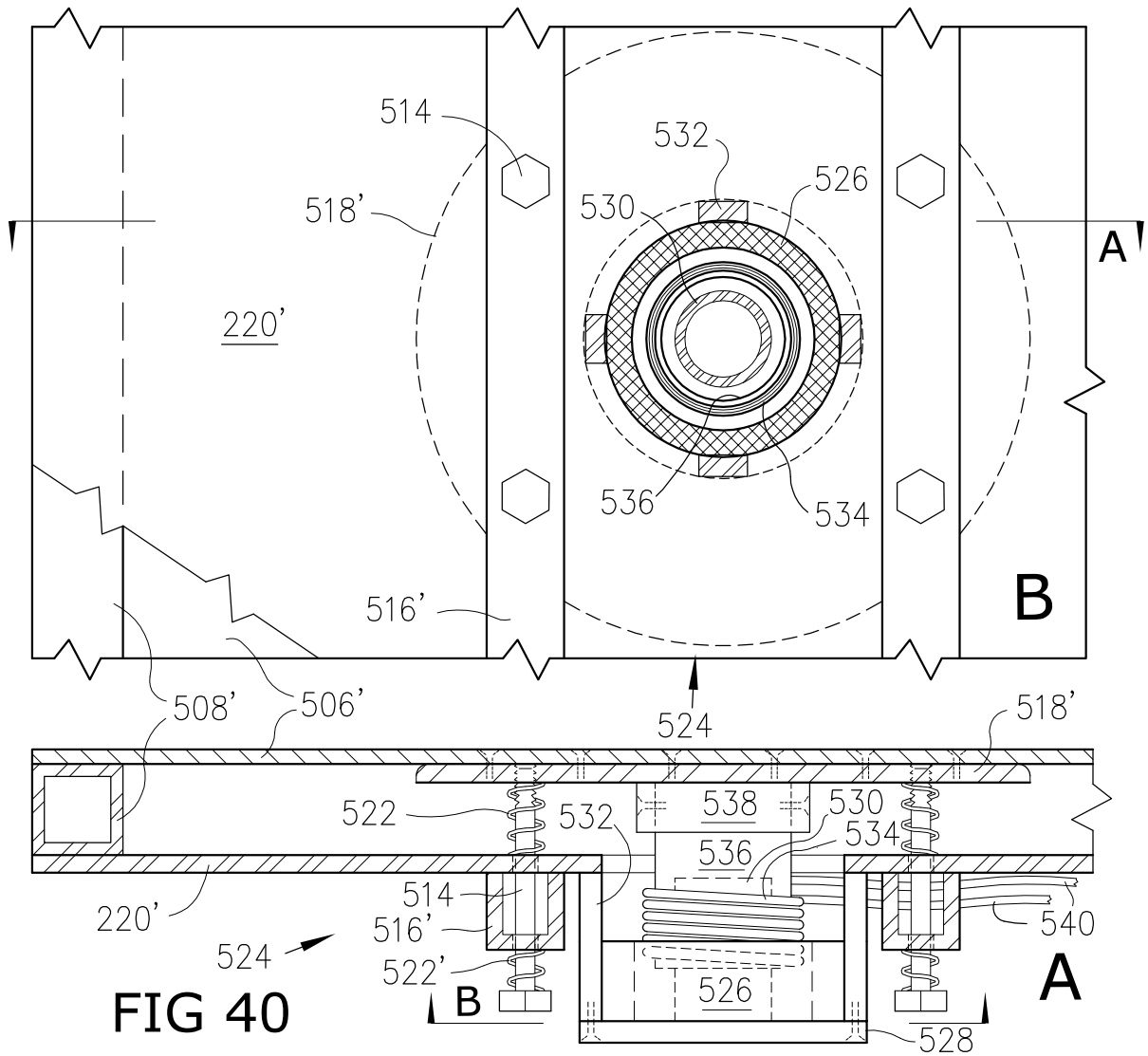
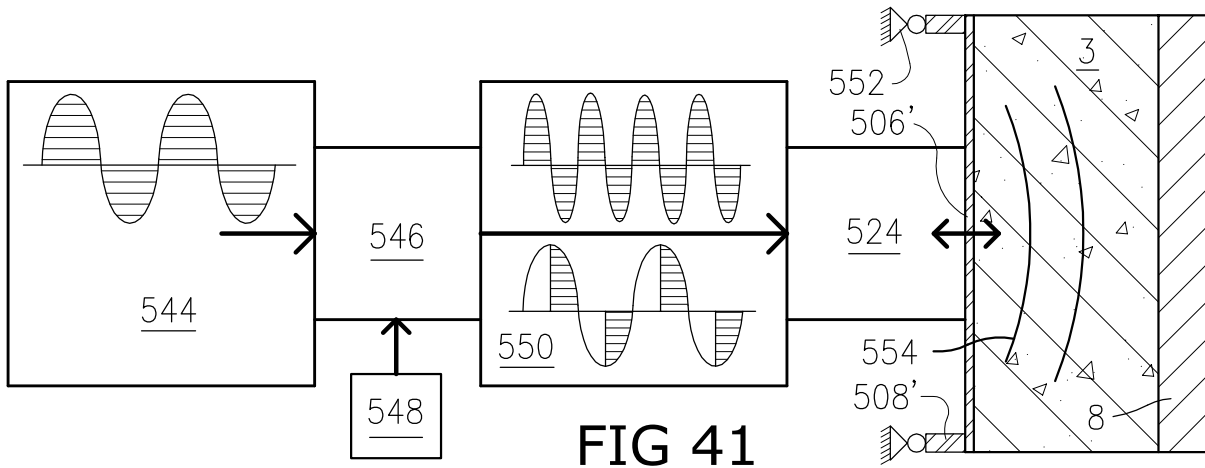


FIG 36





**FIG 40**



**FIG 41**