

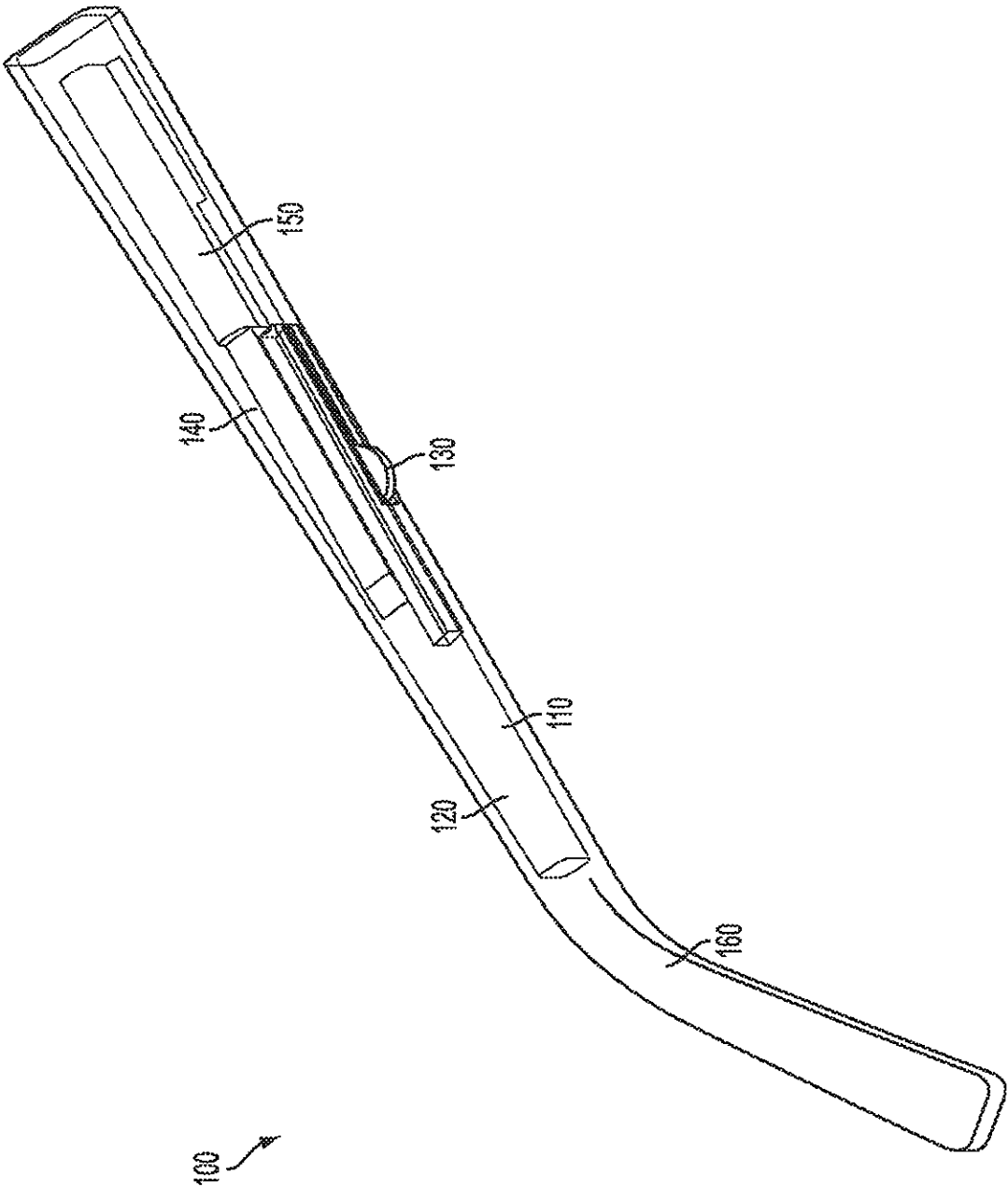
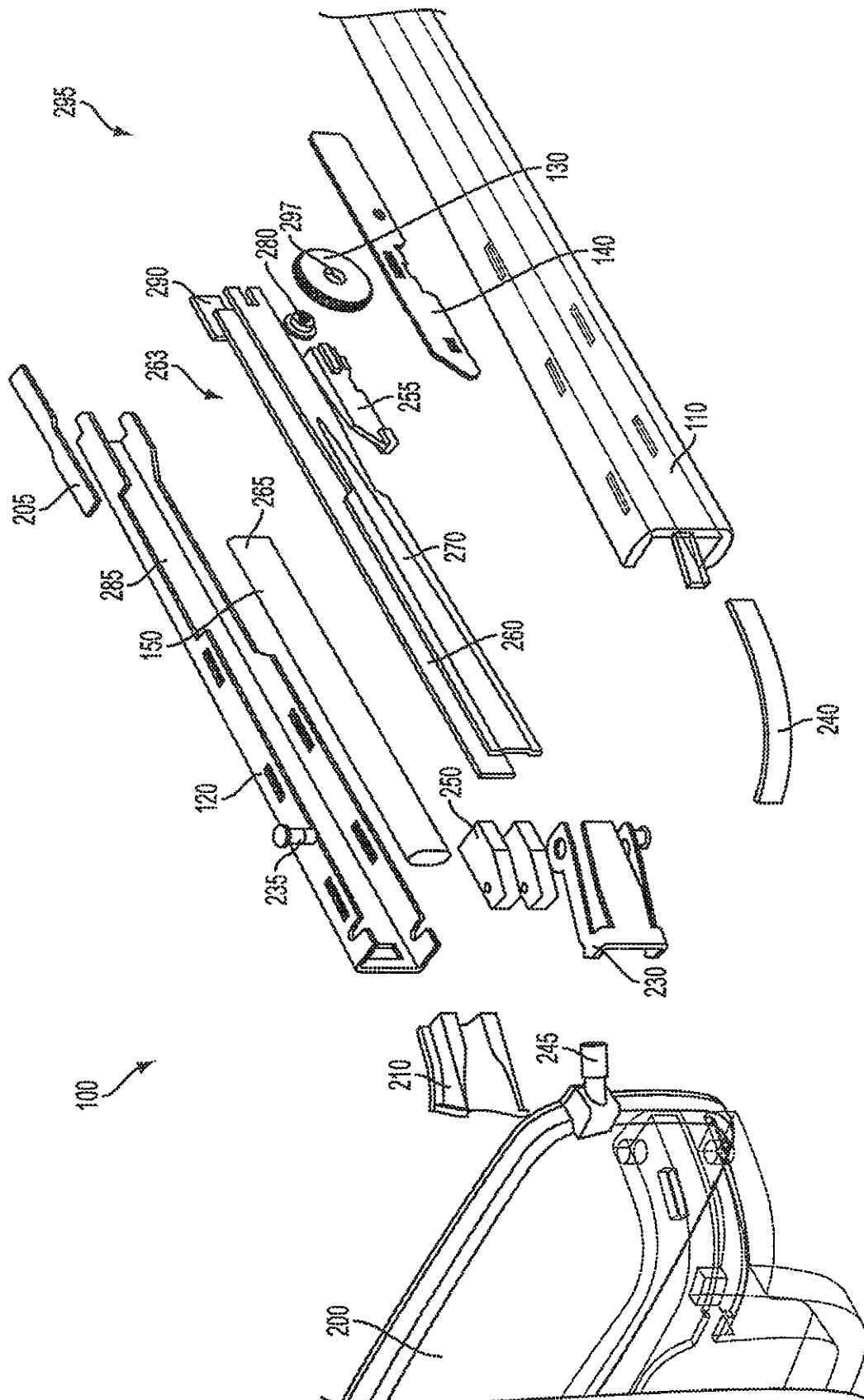


FIG. 1



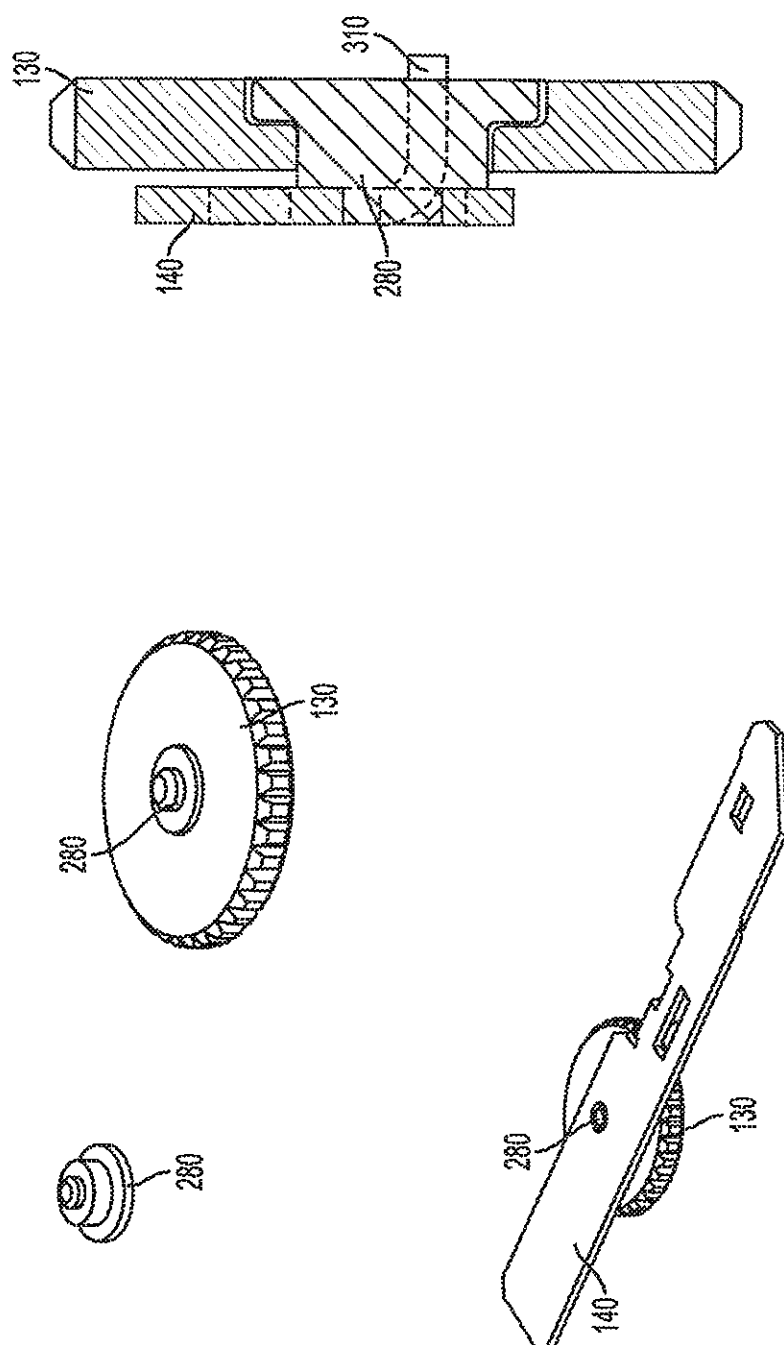
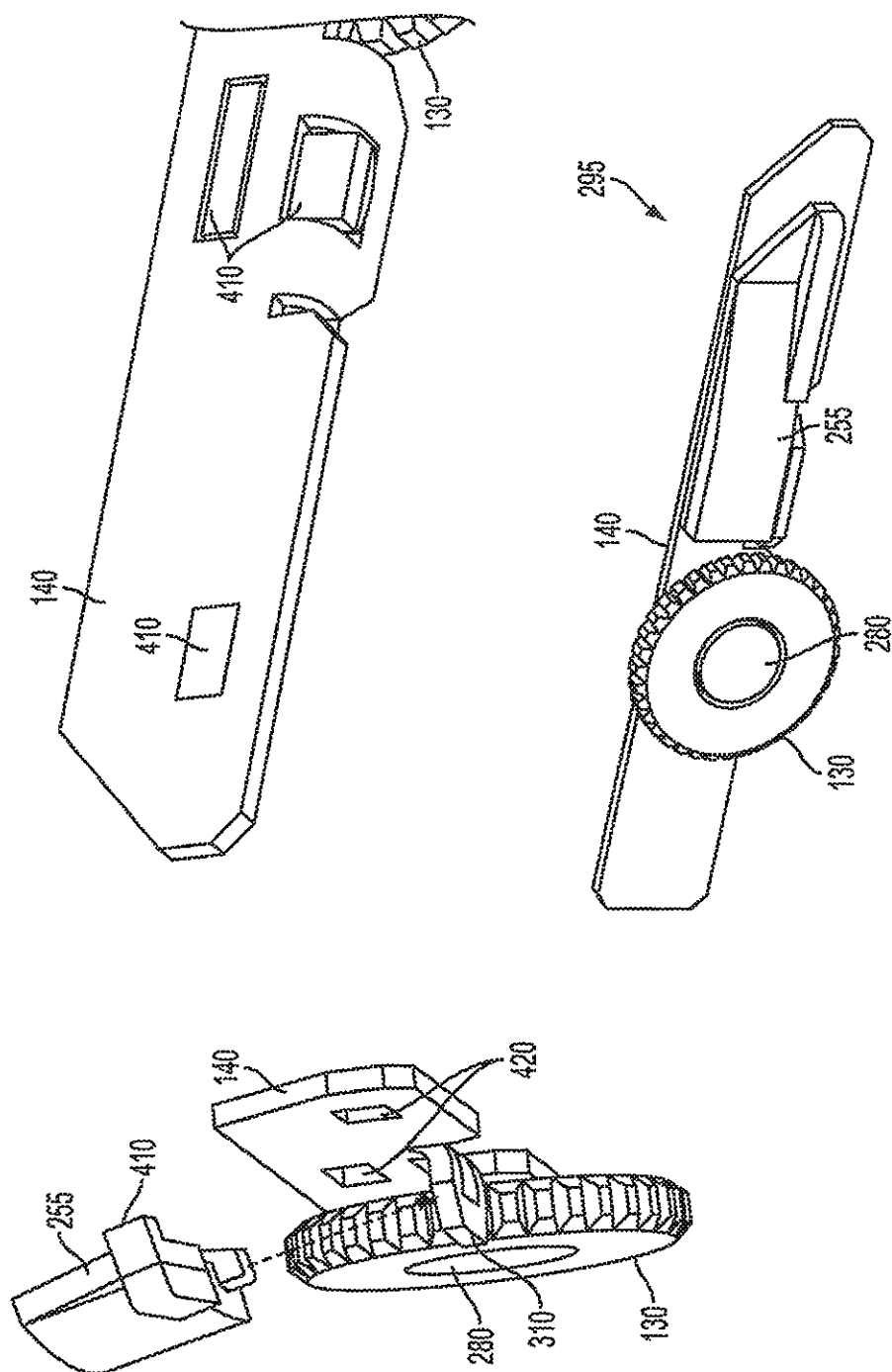
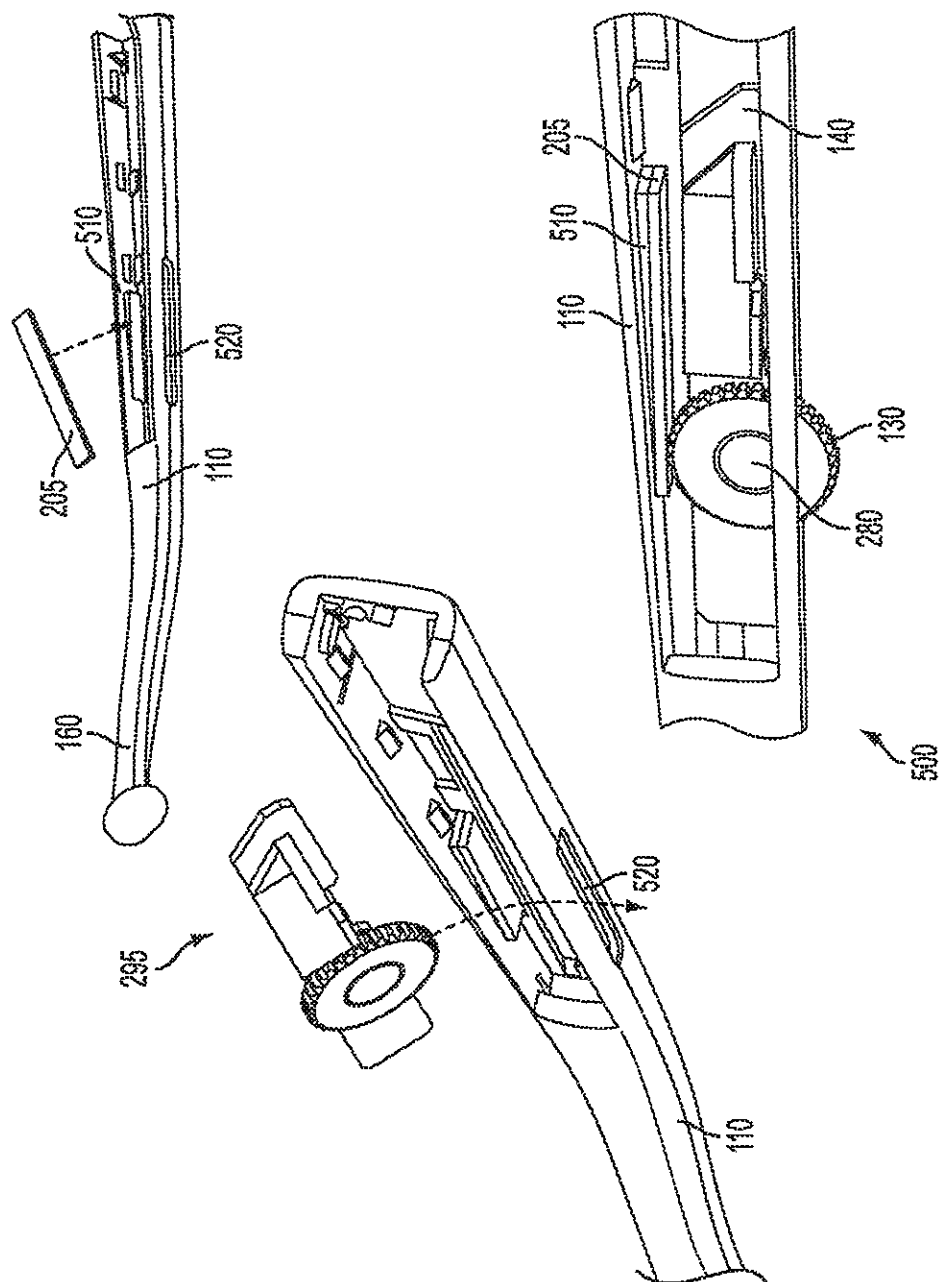


FIG. 3





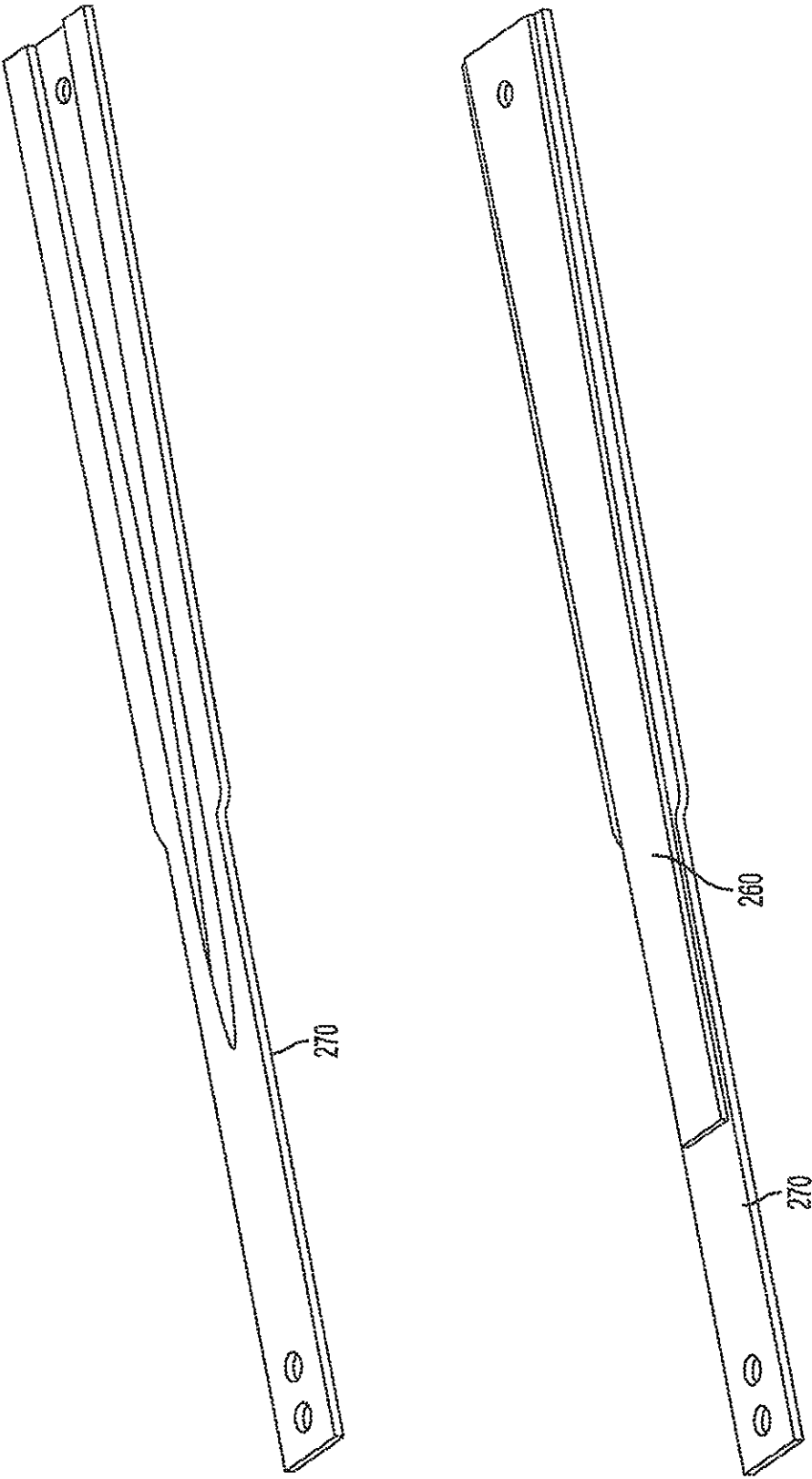
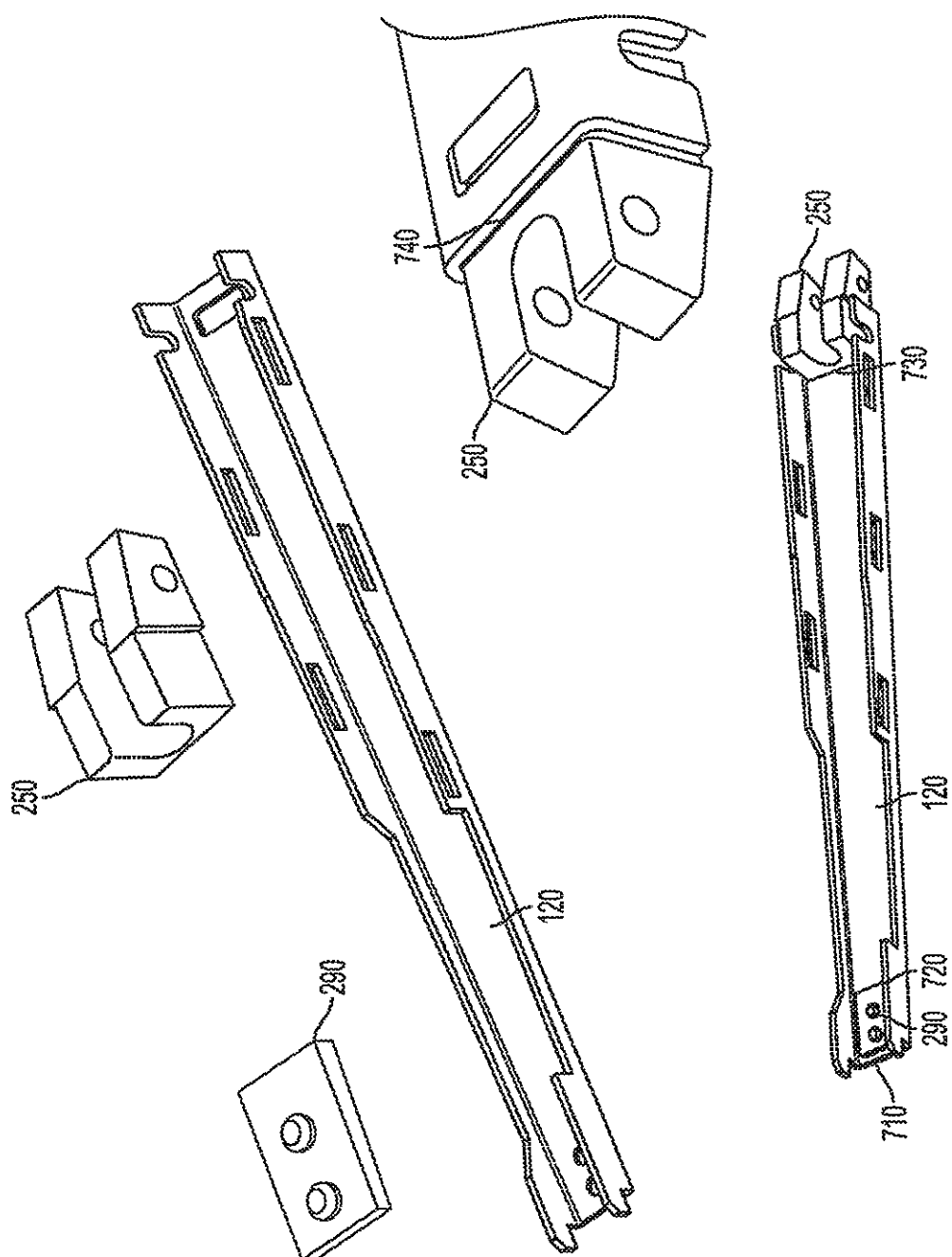
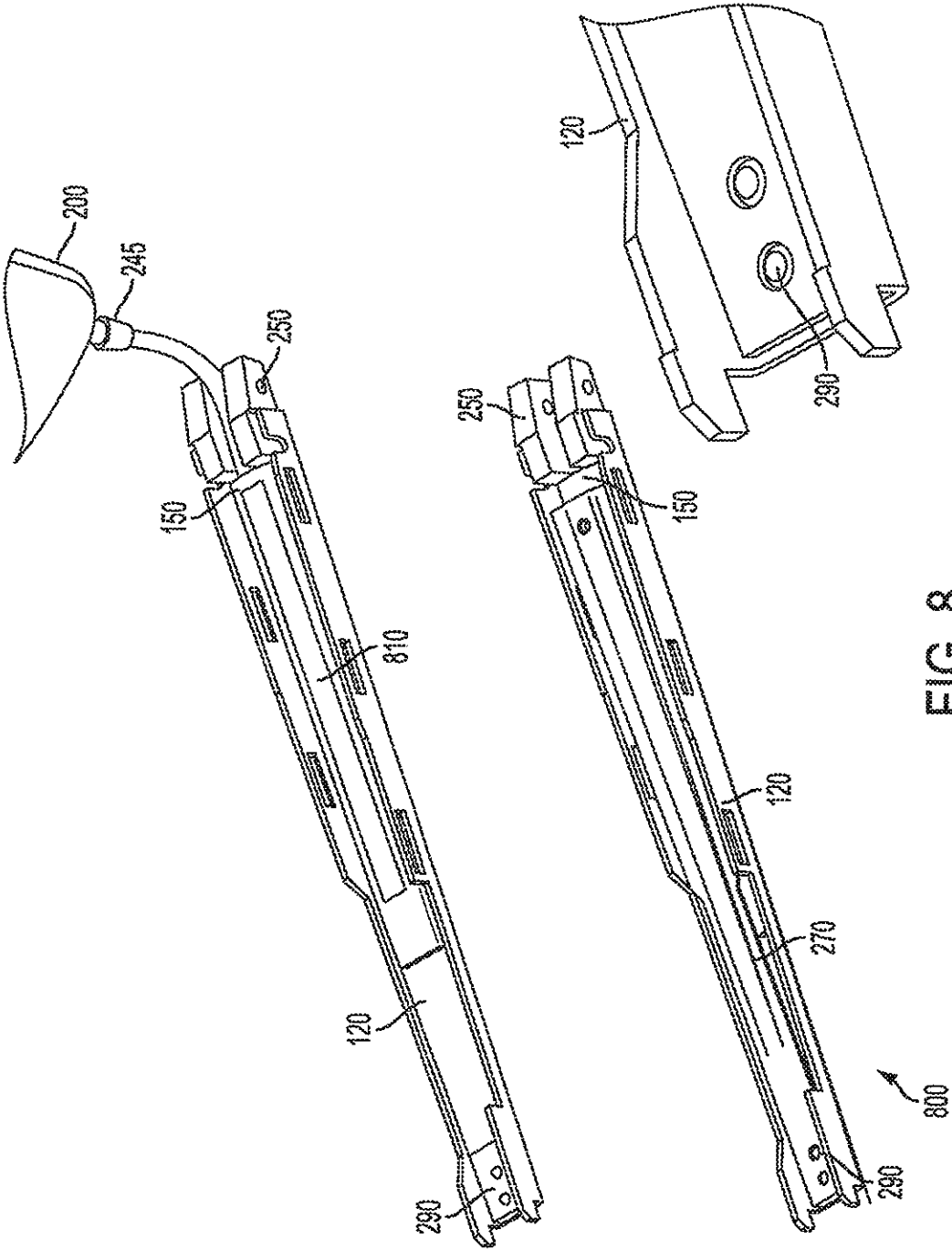


FIG. 6





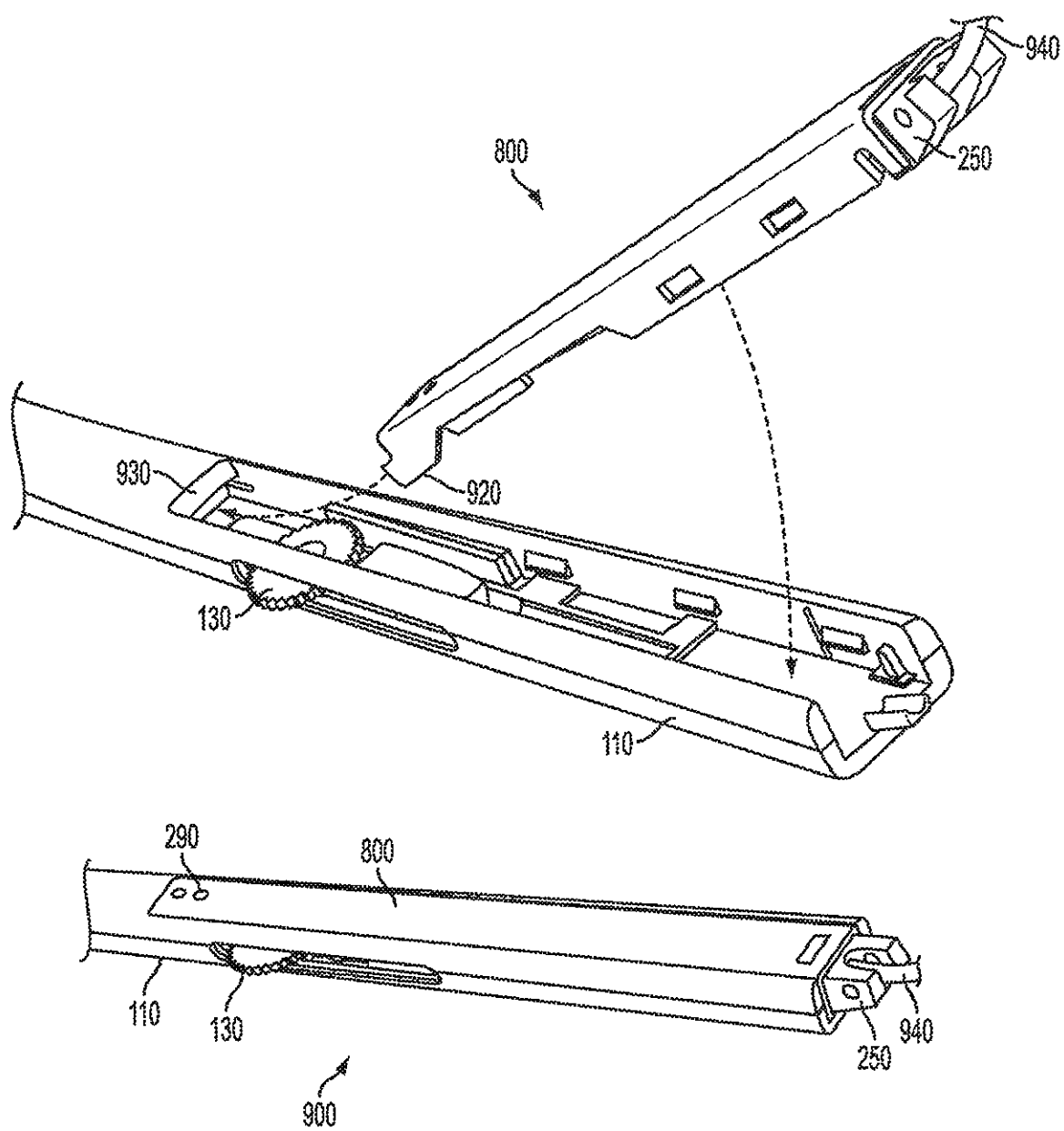
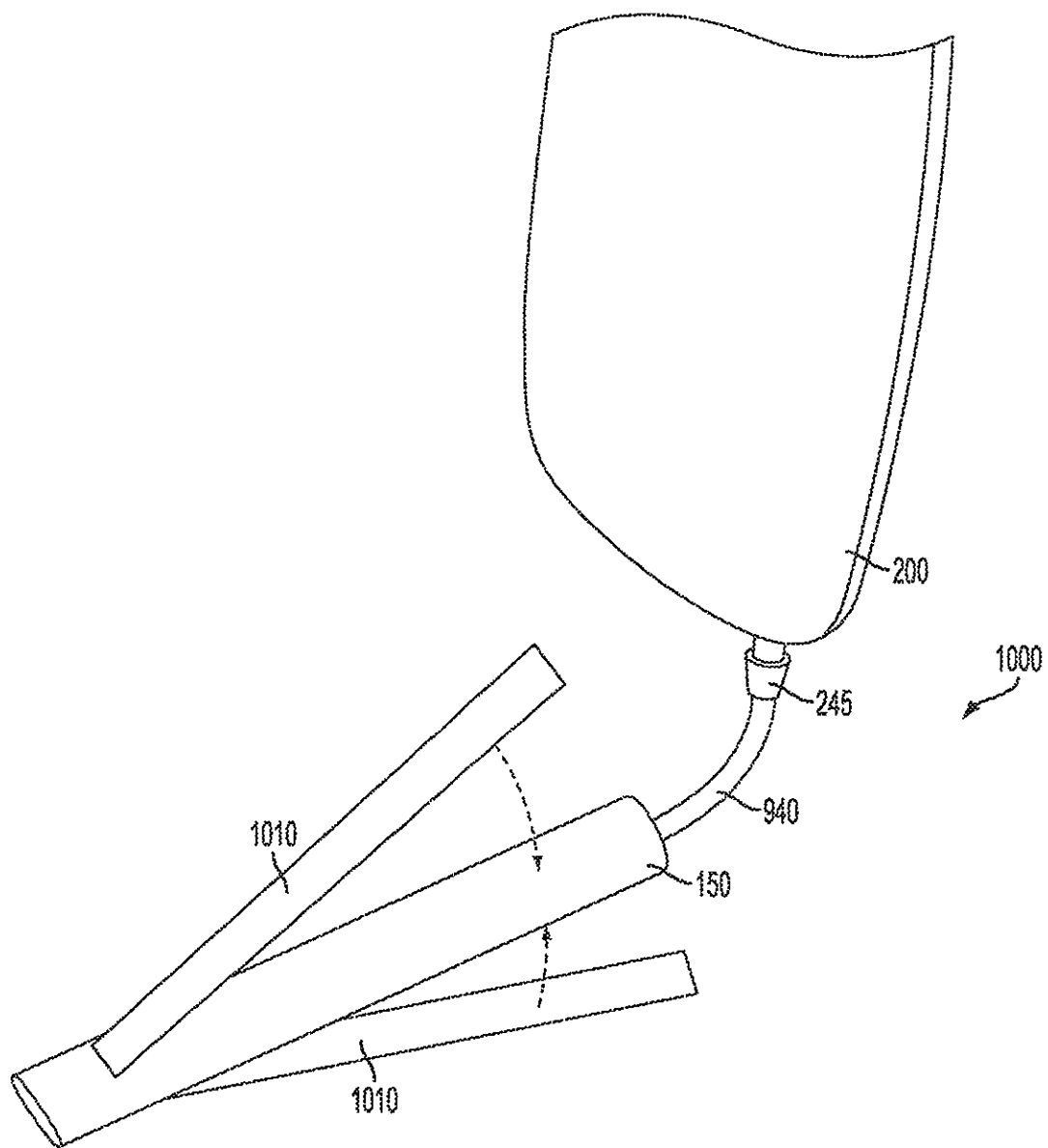


FIG. 9



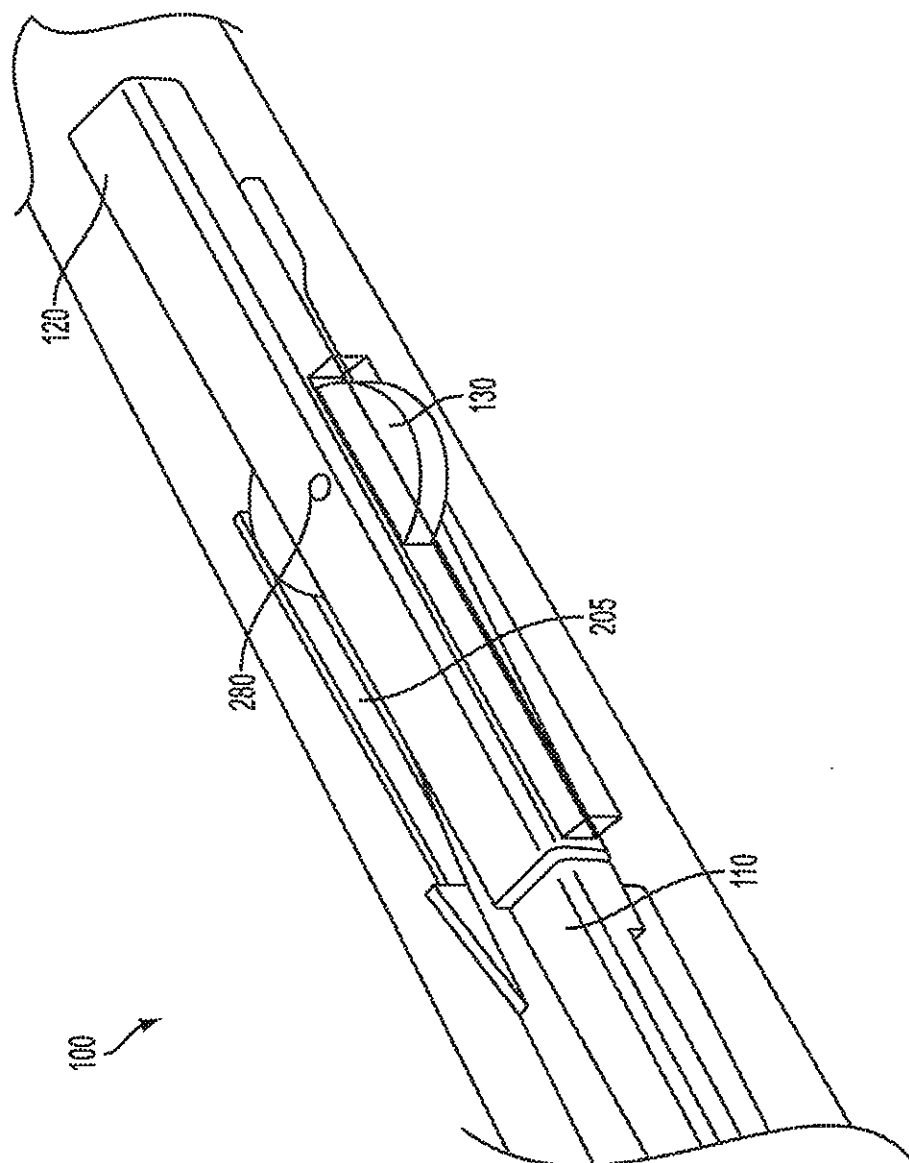


FIG. 11

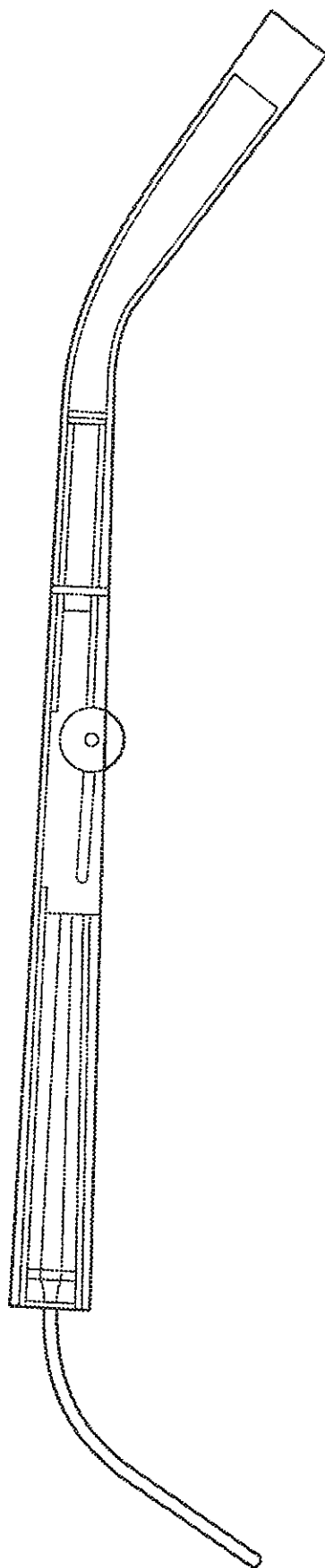


FIG. 12

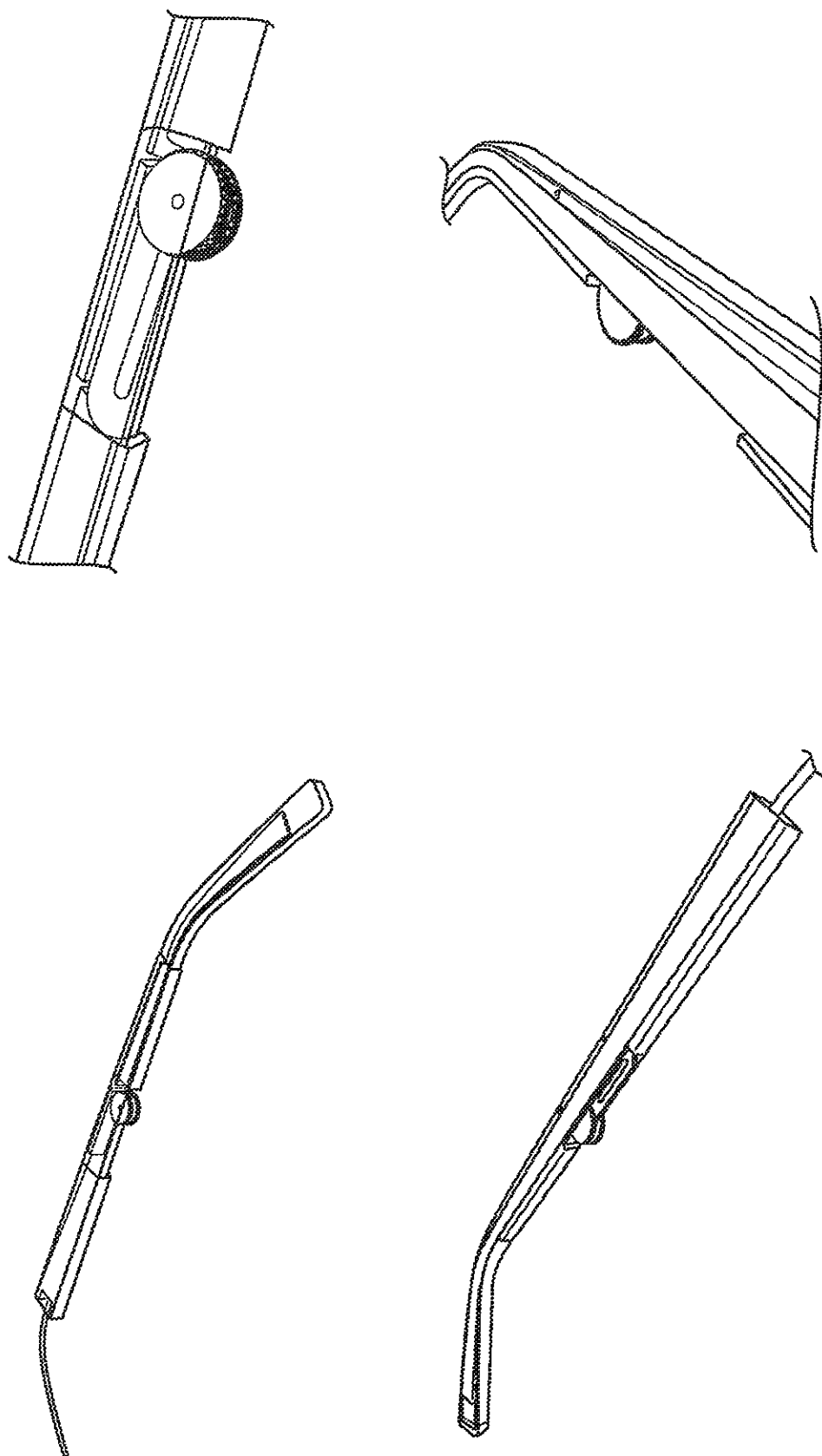
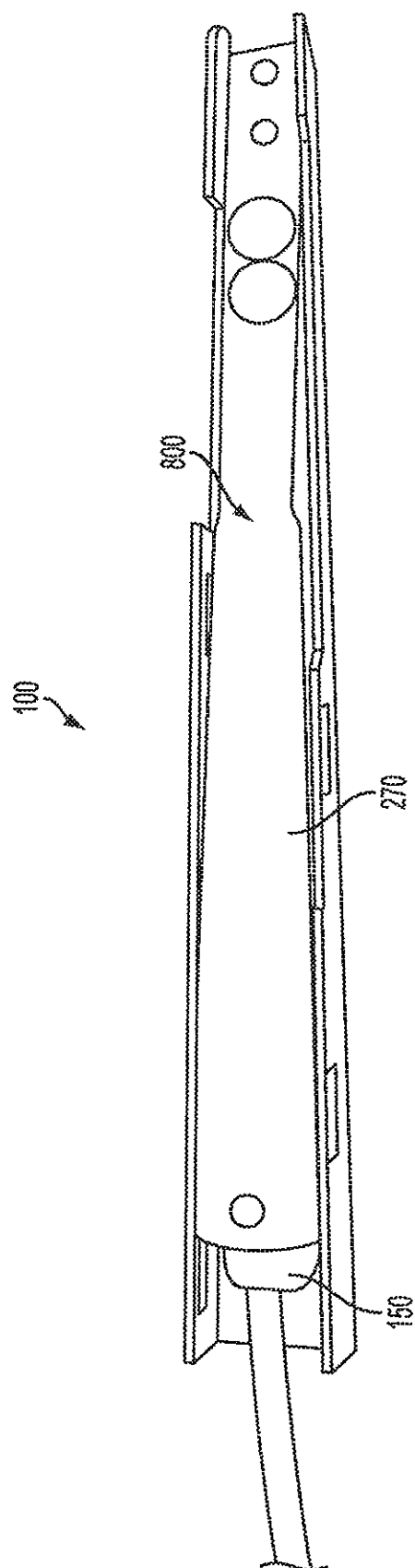


FIG. 13



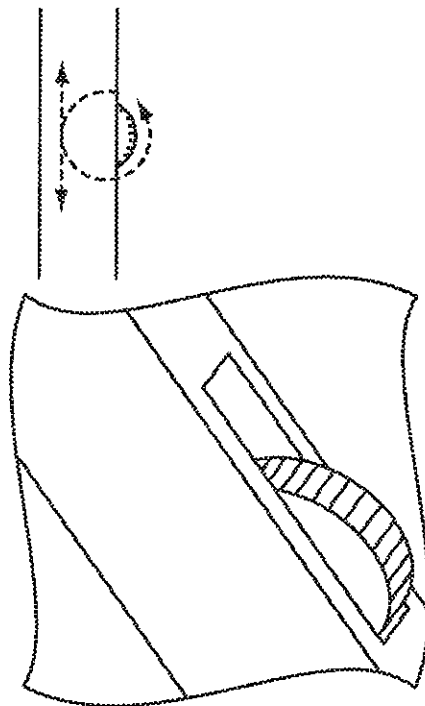


FIG. 15

32mm LENS, 20 DEG FULCRUM/SPACER #2 (2 WASHERS) TAPED			
WHEEL POS. (mm)	S	C	D+0.5°C
0	1.39	0.07	1.355
2	1.7	0	1.7
4	2.26	0.1	2.21
6	2.93	0.25	2.805
8	3.58	0.4	3.38
10	4.16	0.48	3.92
12	4.62	0.6	4.32
RANGE			2.965

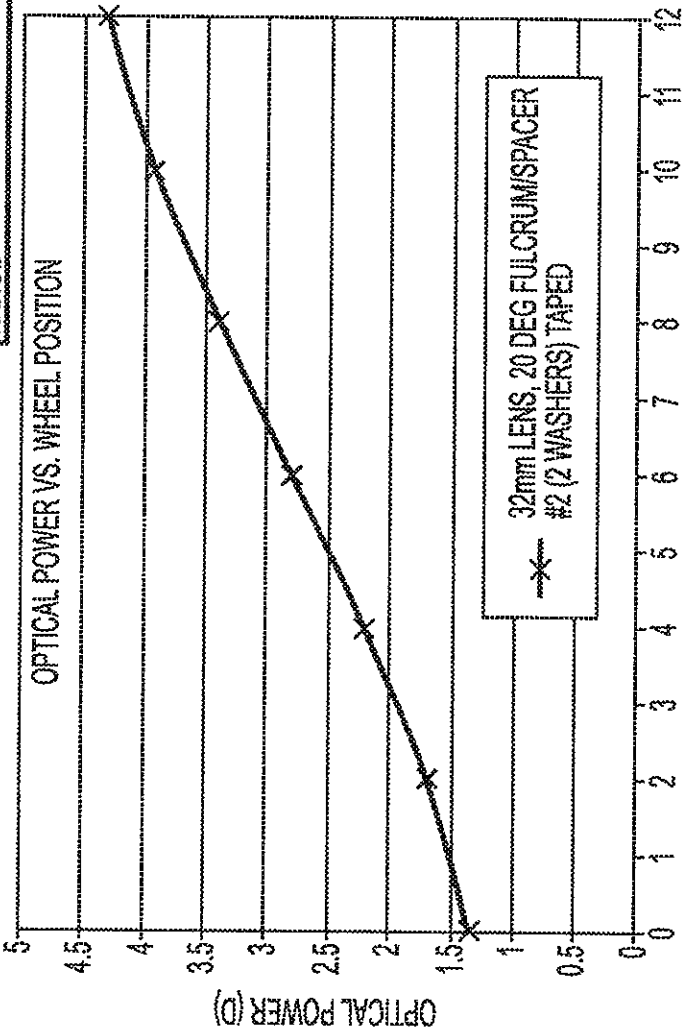


FIG. 16

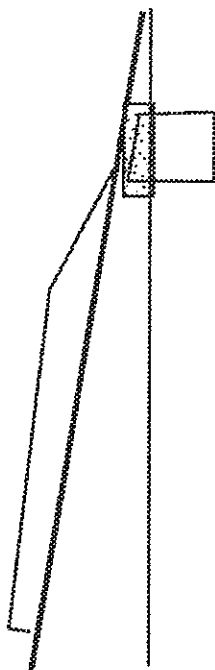


FIG. 17a

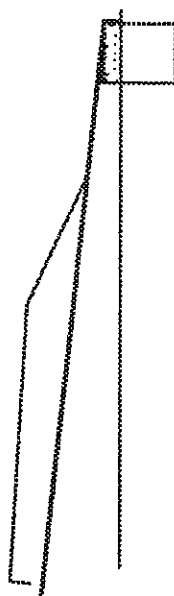


FIG. 17b

SMALL CHANGE (2mm):
FROM 8mm TO 6mm

32mm LENS, 20 DEG FULCRUM/SPACER 2 HR TEST (STARTED AT 4:30 6/1)					
	32mm ful/space	Diopter Readings			
t(m)	TIME (SECONDS)	S	C	D+0.5C	
0.00	0	2.9	0.23	2.785	
0.01	0.5	2.5	0.17	2.415	
0.08	5	2.42	0.13	2.355	
0.17	10	2.4	0.12	2.34	
0.25	15	2.39	0.12	2.33	
0.33	20	2.38	0.12	2.32	
0.50	30	2.37	0.12	2.31	
0.67	40	2.36	0.12	2.3	
0.83	50	2.35	0.11	2.295	
1.00	60	2.35	0.11	2.295	
1.50	90	2.34	0.11	2.285	
2.00	120	2.33	0.11	2.275	
2.50	150	2.32	0.1	2.27	
3.00	180	2.31	0.1	2.26	
4.50	240	2.31	0.1	2.26	
5.00	300	2.3	0.1	2.25	
6.00	360	2.3	0.1	2.25	
7.00	420	2.29	0.1	2.24	
8.00	480	2.29	0.1	2.24	
9.00	540	2.29	0.1	2.24	
10.00	600	2.28	0.1	2.23	
11.00	660	2.28	0.1	2.23	
12.00	720	2.28	0.1	2.23	
13.00	780	2.28	0.1	2.23	
14.00	840	2.27	0.1	2.22	
15.00	900	2.27	0.1	2.22	
20.00	1200	2.26	0.09	2.215	
30.00	1800	2.26	0.09	2.215	

SMALL CHANGE (4mm):
FROM 4mm TO 0mm

LEFT AT 4mm, DROPPED TO 0 (2.75 HR TEST) (STARTED AT 11:45AM 6/1)					
	32mm ful/space	Diopter Readings			
t(m)	TIME (SECONDS)	S	C	D+0.5C	
0.00	0	2.5	0.17	2.415	
0.01	0.5	2	0.18	1.91	
0.08	5	1.69	0	1.69	
0.17	10	1.64	0	1.64	
0.25	15	1.62	0	1.62	
0.33	20	1.6	0	1.6	
0.50	30	1.57	0	1.57	
0.67	40	1.55	0	1.55	
0.83	50	1.54	0	1.54	
1.00	60	1.53	0	1.53	
1.50	90	1.51	0	1.51	
2.00	120	1.5	0	1.5	
2.50	150	1.5	0	1.5	
3.00	180	1.49	0	1.49	
4.00	240	1.48	0	1.48	
5.00	300	1.47	0	1.47	
6.00	360	1.46	0	1.46	
7.00	420	1.46	0	1.46	
8.00	480	1.46	0	1.46	
9.00	540	1.45	0	1.45	
10.00	600	1.45	0	1.45	
15.00	900	1.44	0.07	1.405	
20.00	1200	1.43	0.07	1.395	
30.00	1800	1.43	0.08	1.39	

FIG. 18

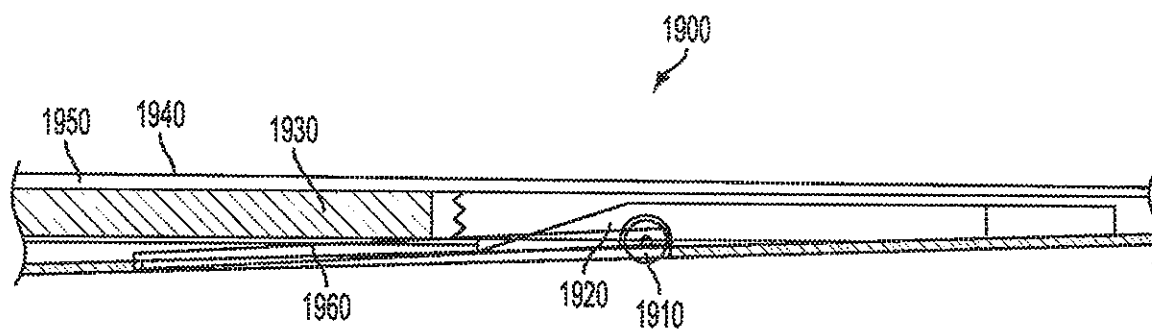


FIG. 19a

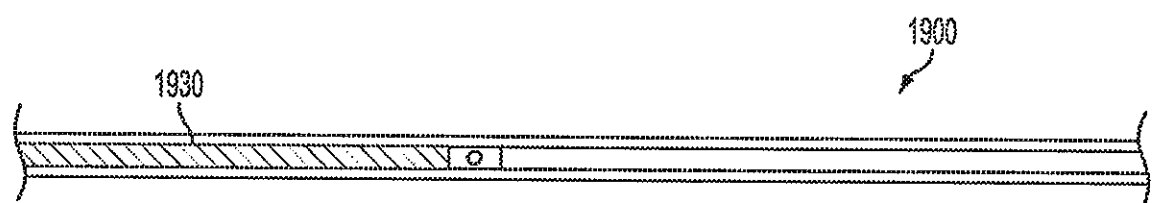


FIG. 19b

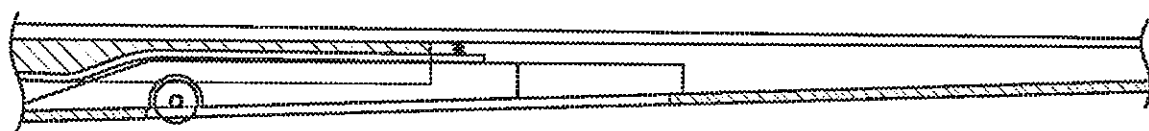


FIG. 19c

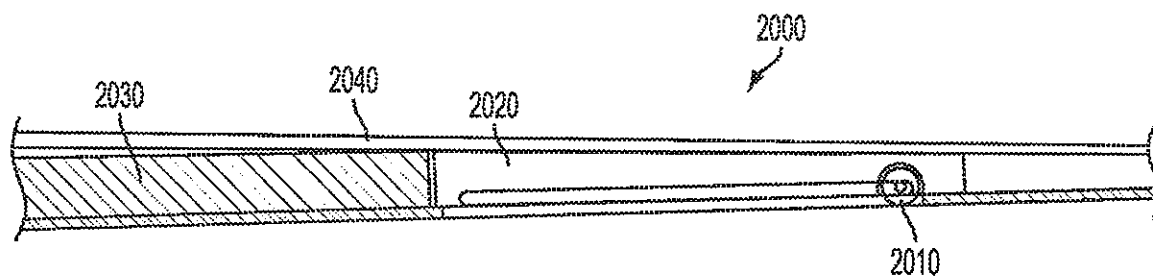


FIG. 20a

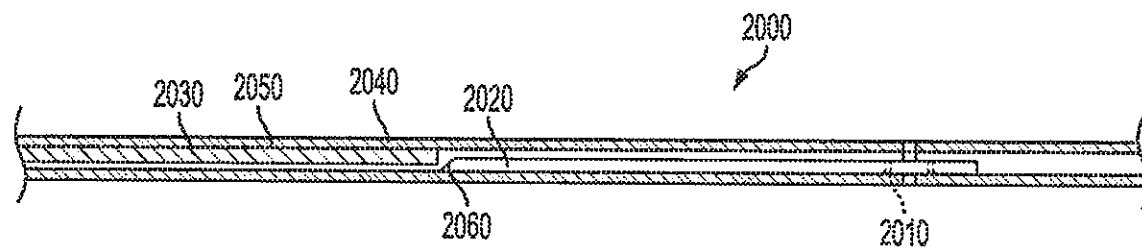


FIG. 20b

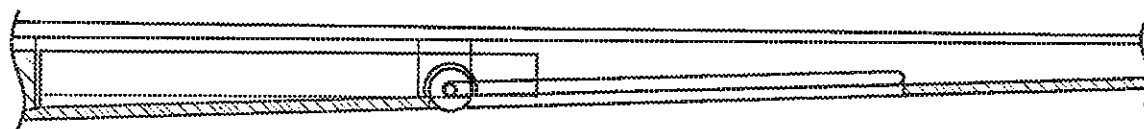


FIG. 20c

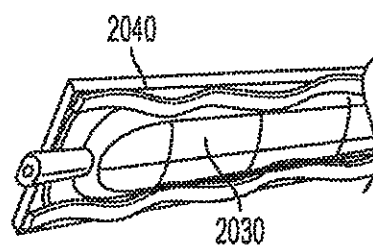


FIG. 21a

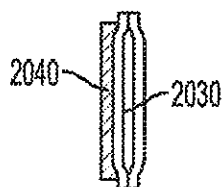


FIG. 21b

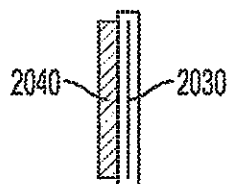


FIG. 21c

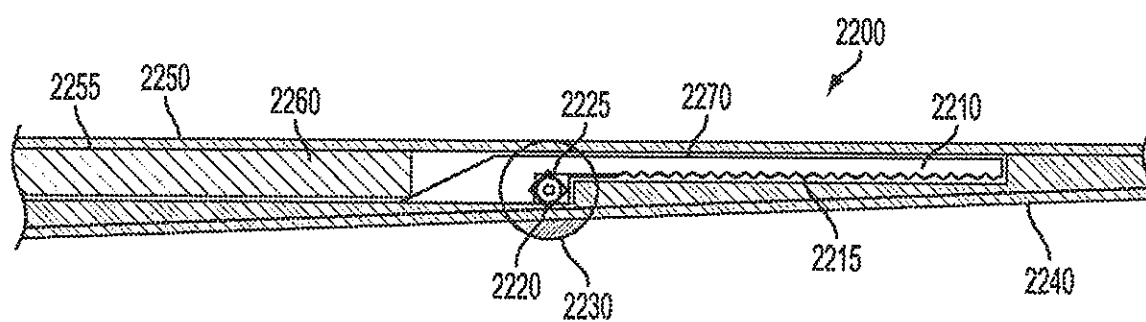


FIG. 22a

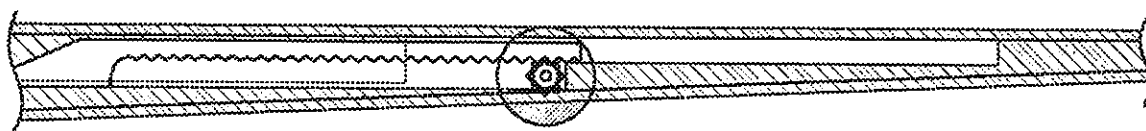


FIG. 22b

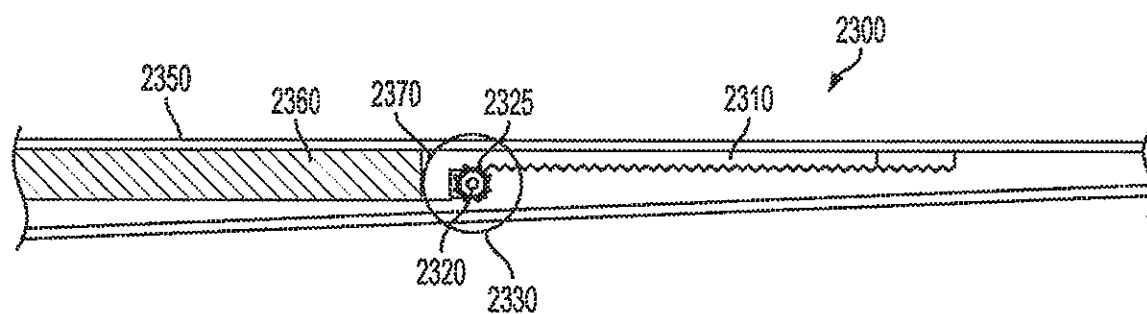


FIG. 23a

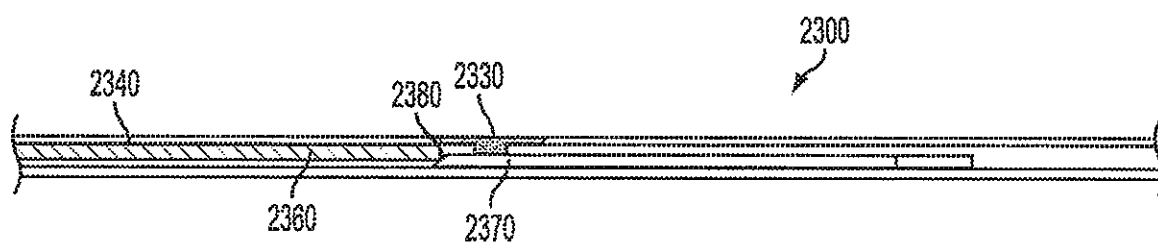


FIG. 23b

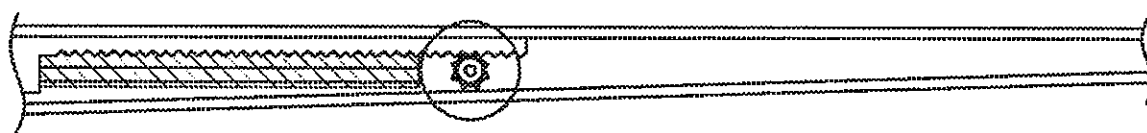


FIG. 23c

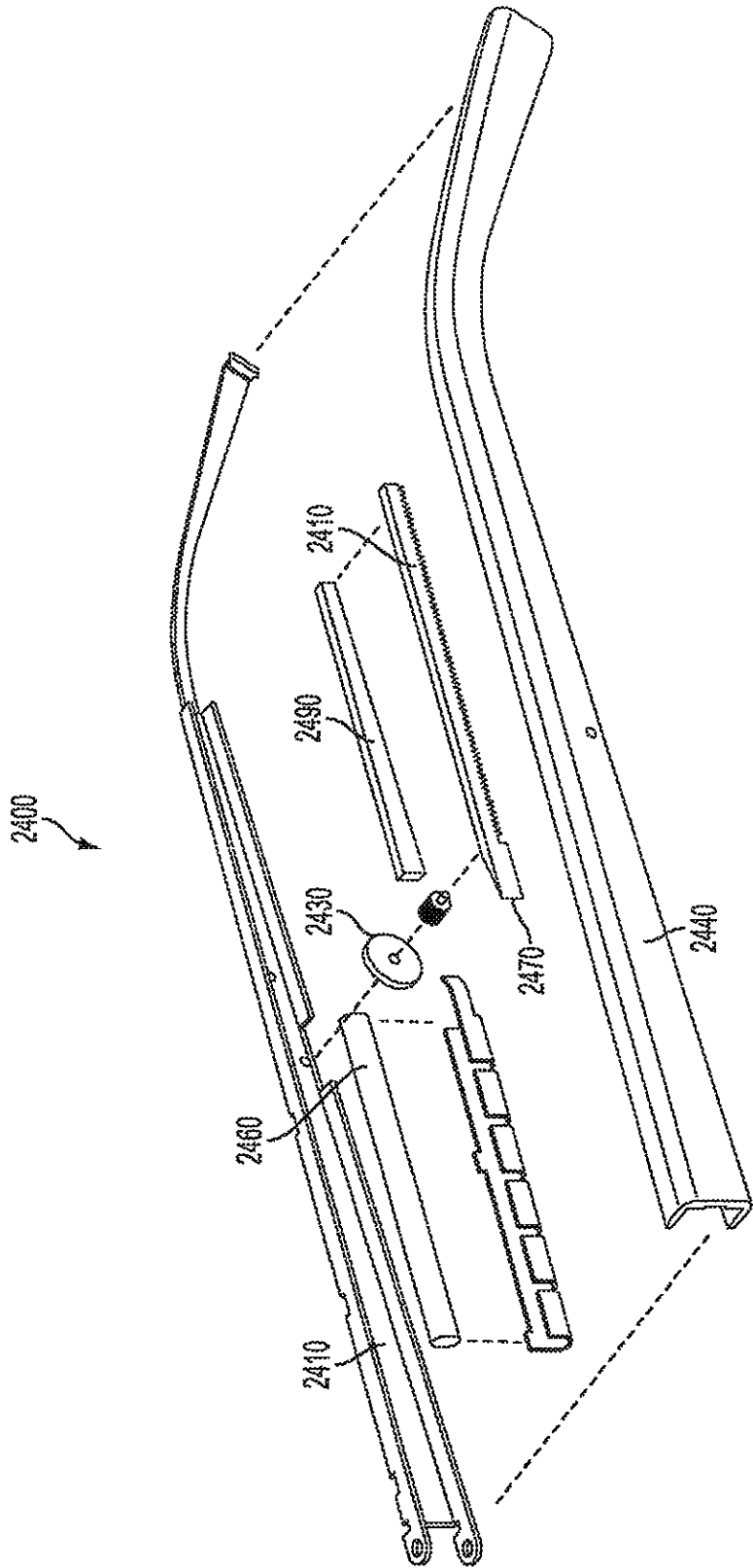


FIG. 24

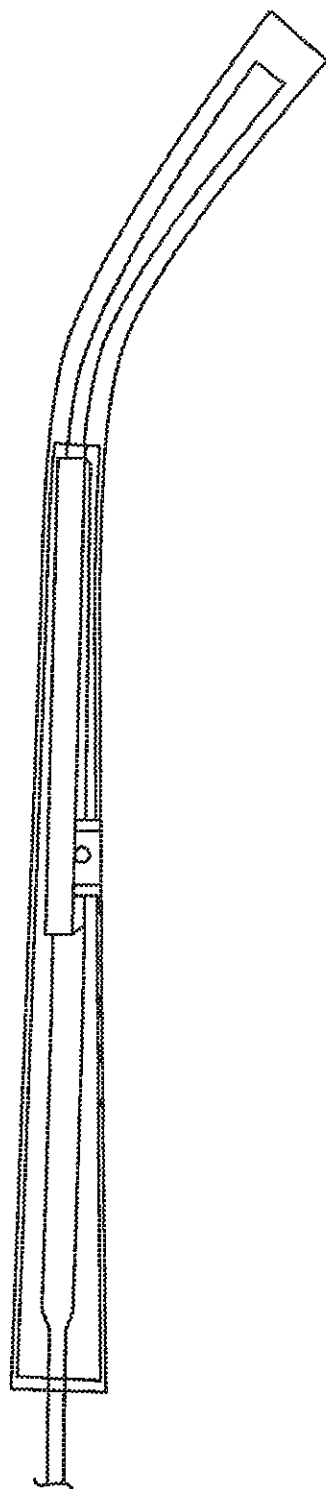


FIG. 25

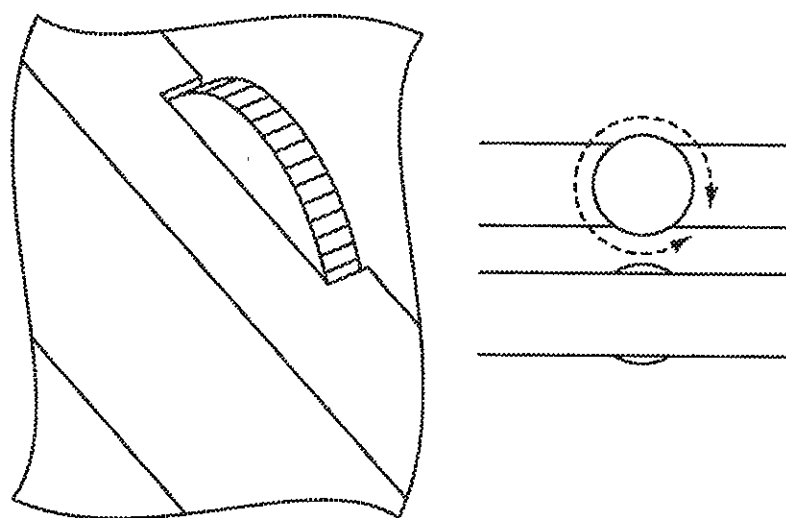


FIG. 26

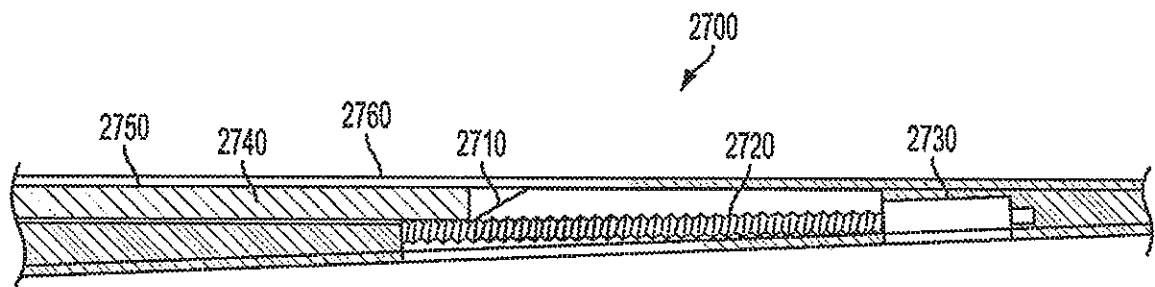


FIG. 27a

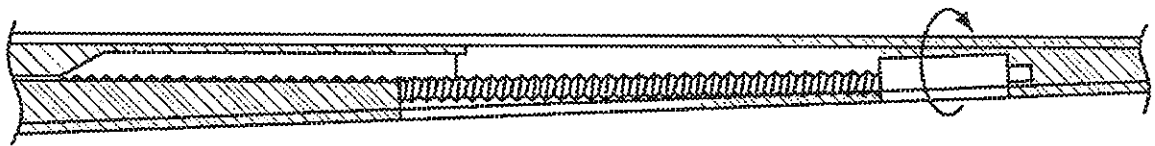


FIG. 27b

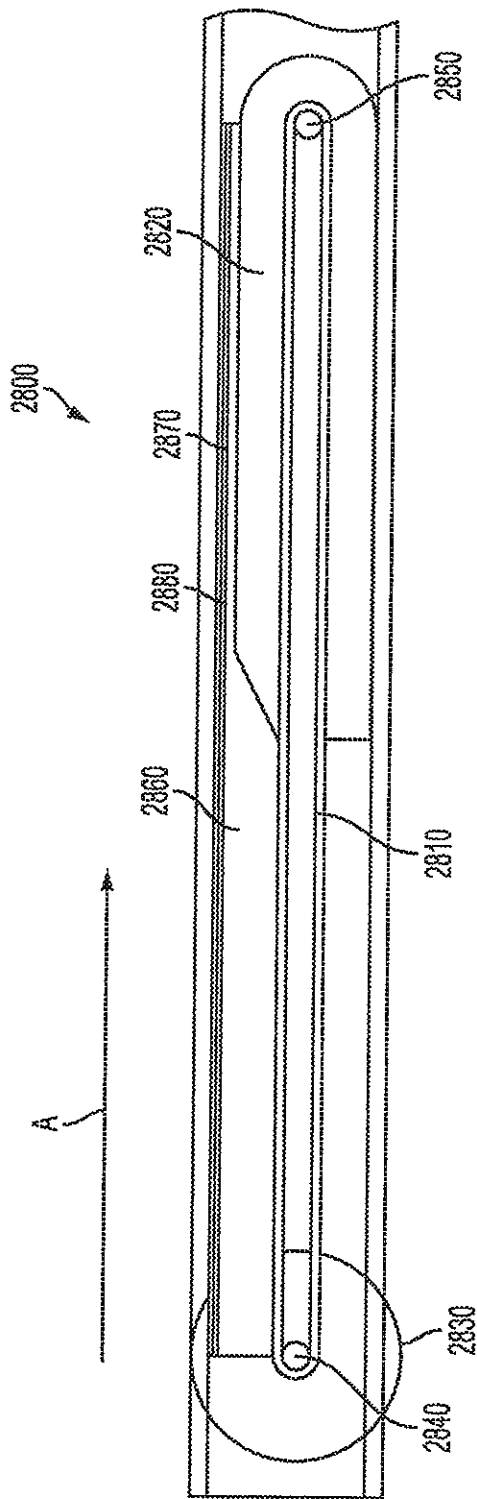


FIG. 28a

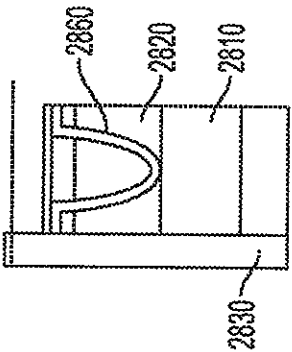


FIG. 28b

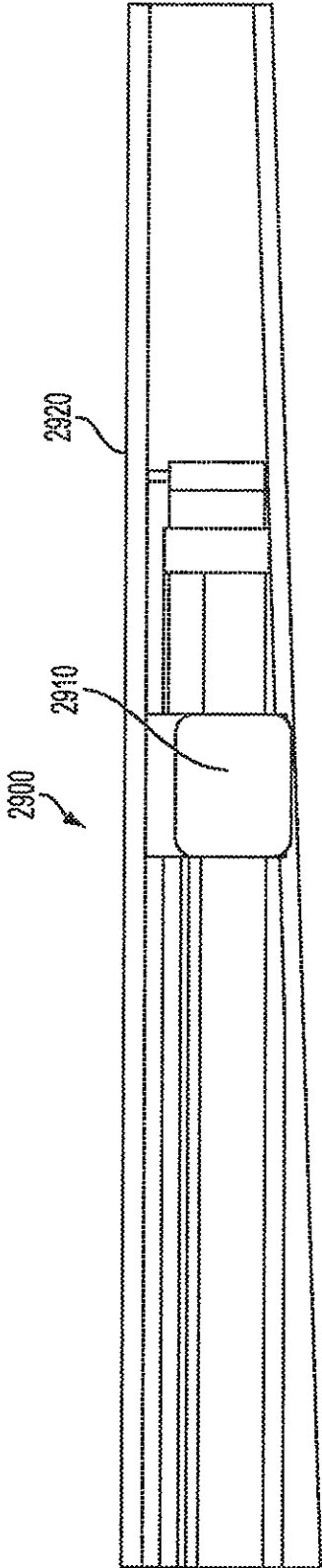


FIG. 29a

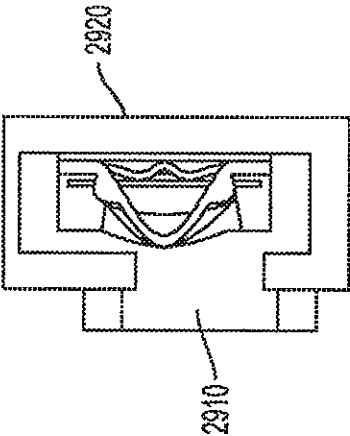


FIG. 29b