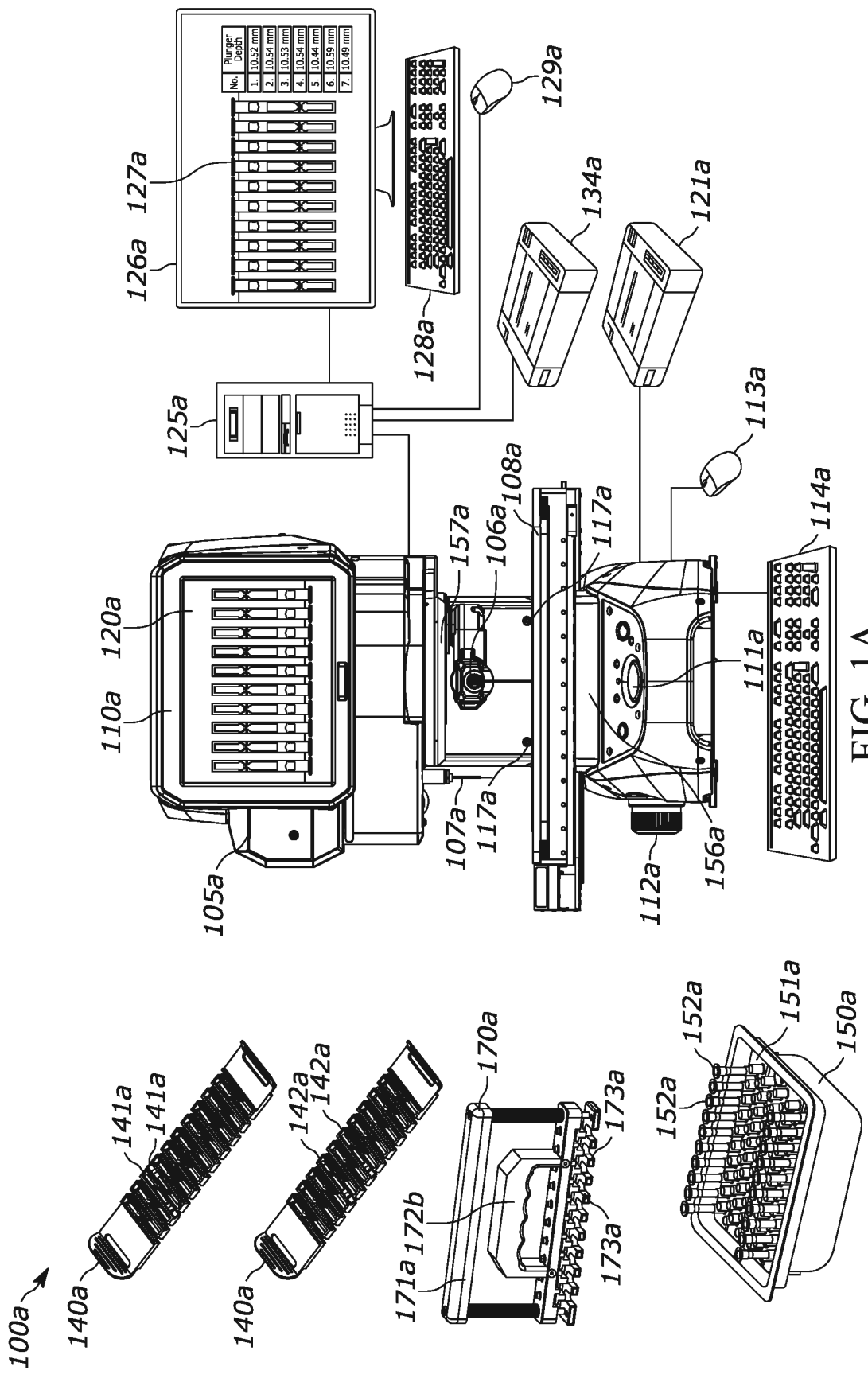

100a
140a
141a
142a
170a
171a
172b
173a
150a
151a
152a
105a
110a
120a
125a
126a
127a
128a
129a
134a
121a
113a
114a
111a
112a
156a
107a
117a
106a
108a
157a
No.
Plunger Depth
1. 10.52 mm
2. 10.54 mm
3. 10.53 mm
4. 10.54 mm
5. 10.44 mm
6. 10.59 mm
7. 10.49 mm

FIG. 1A

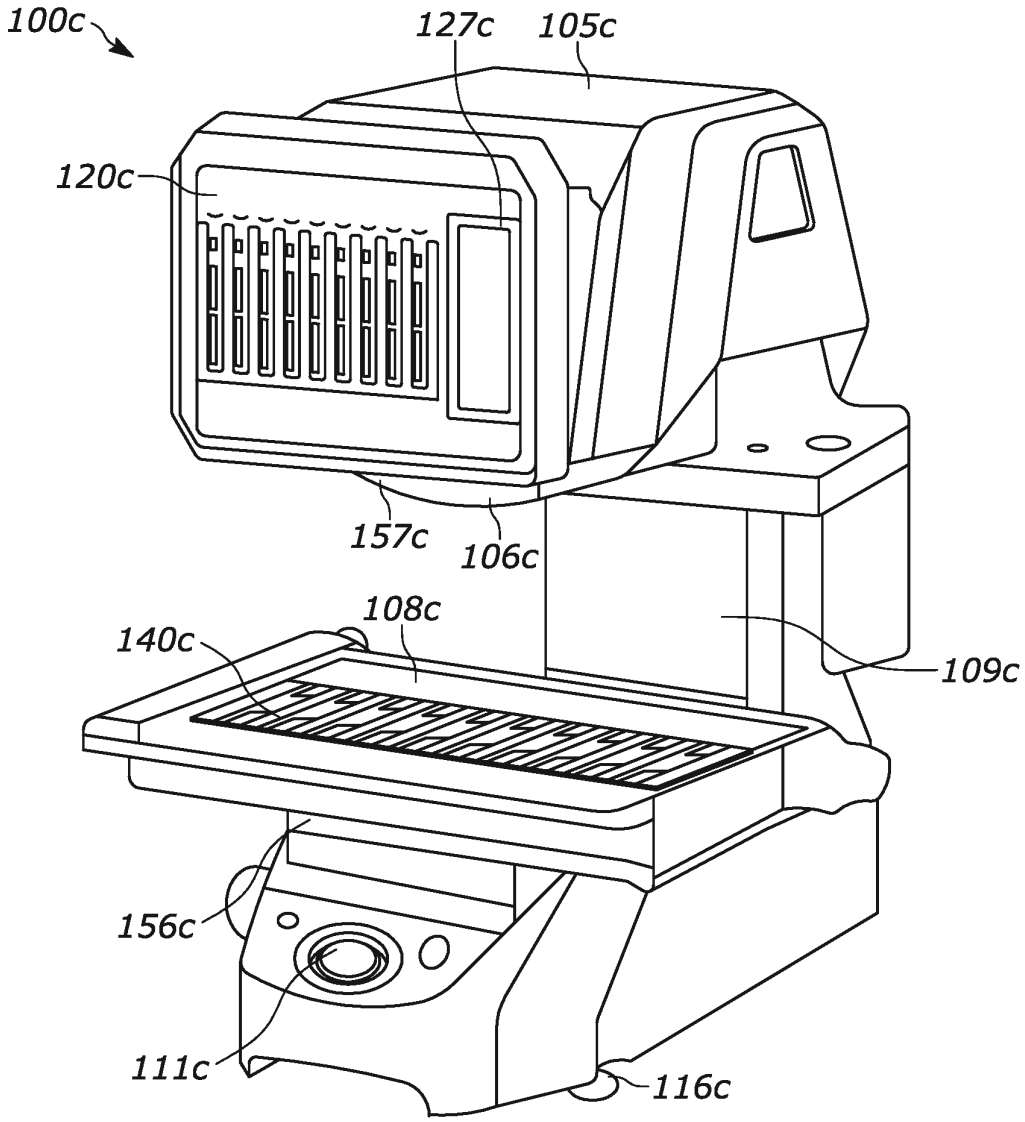


FIG. 1C

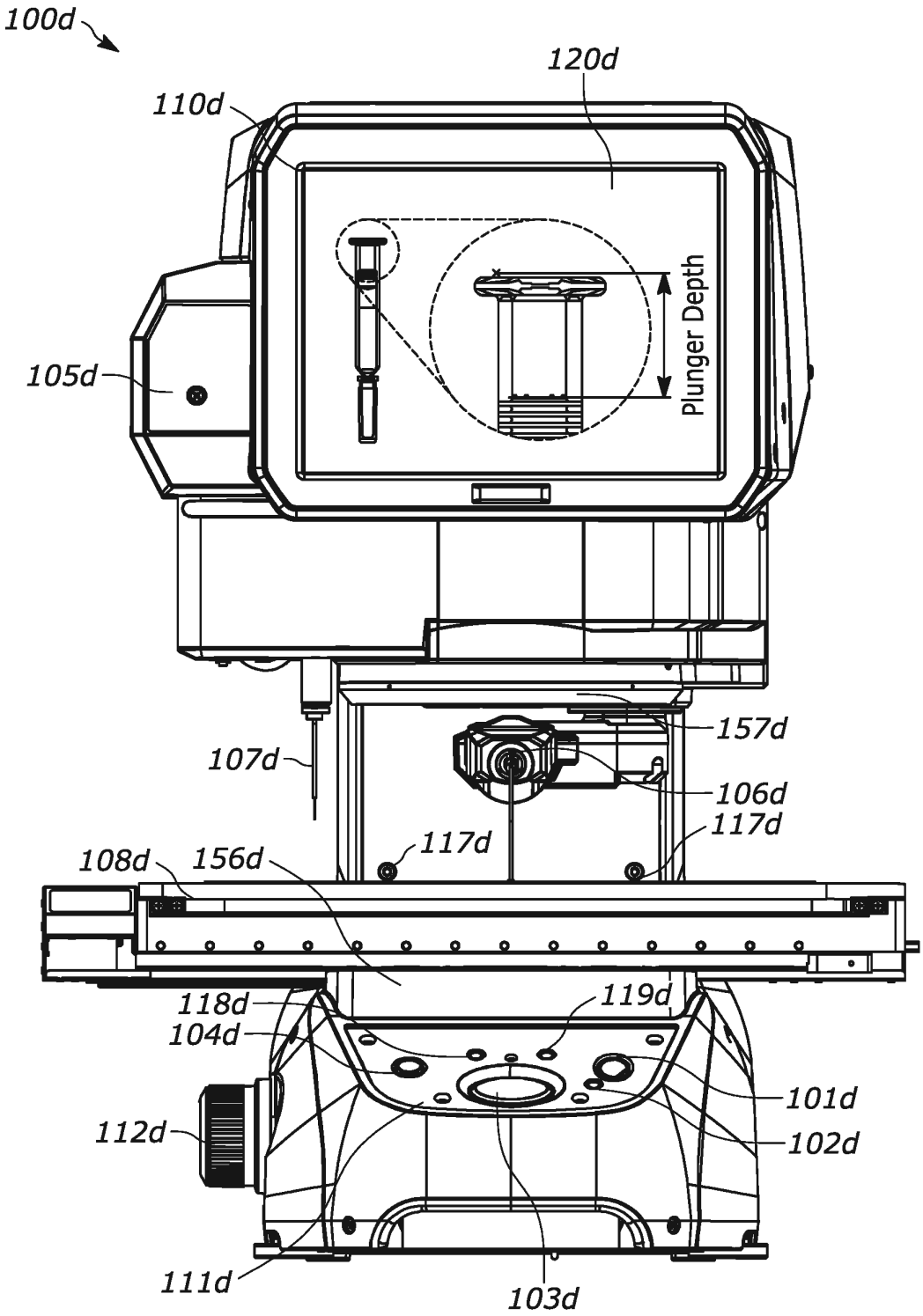

100d
120d
110d
Plunger Depth
105d
157d
107d
106d
117d
117d
108d
156d
118d
119d
104d
101d
112d
102d
111d
103d

FIG. 1D

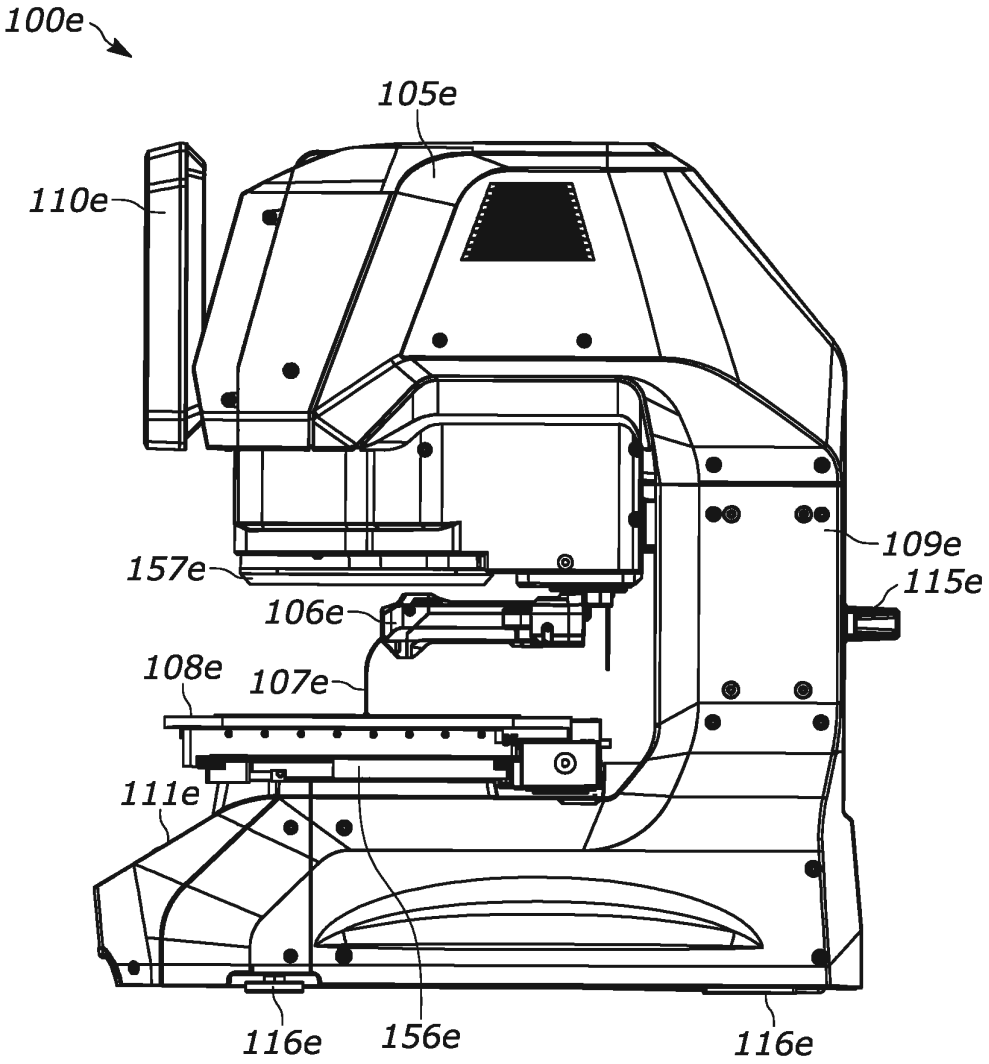

100e
105e
110e
109e
115e
157e
106e
108e
107e
111e
116e
156e
116e

FIG. 1E

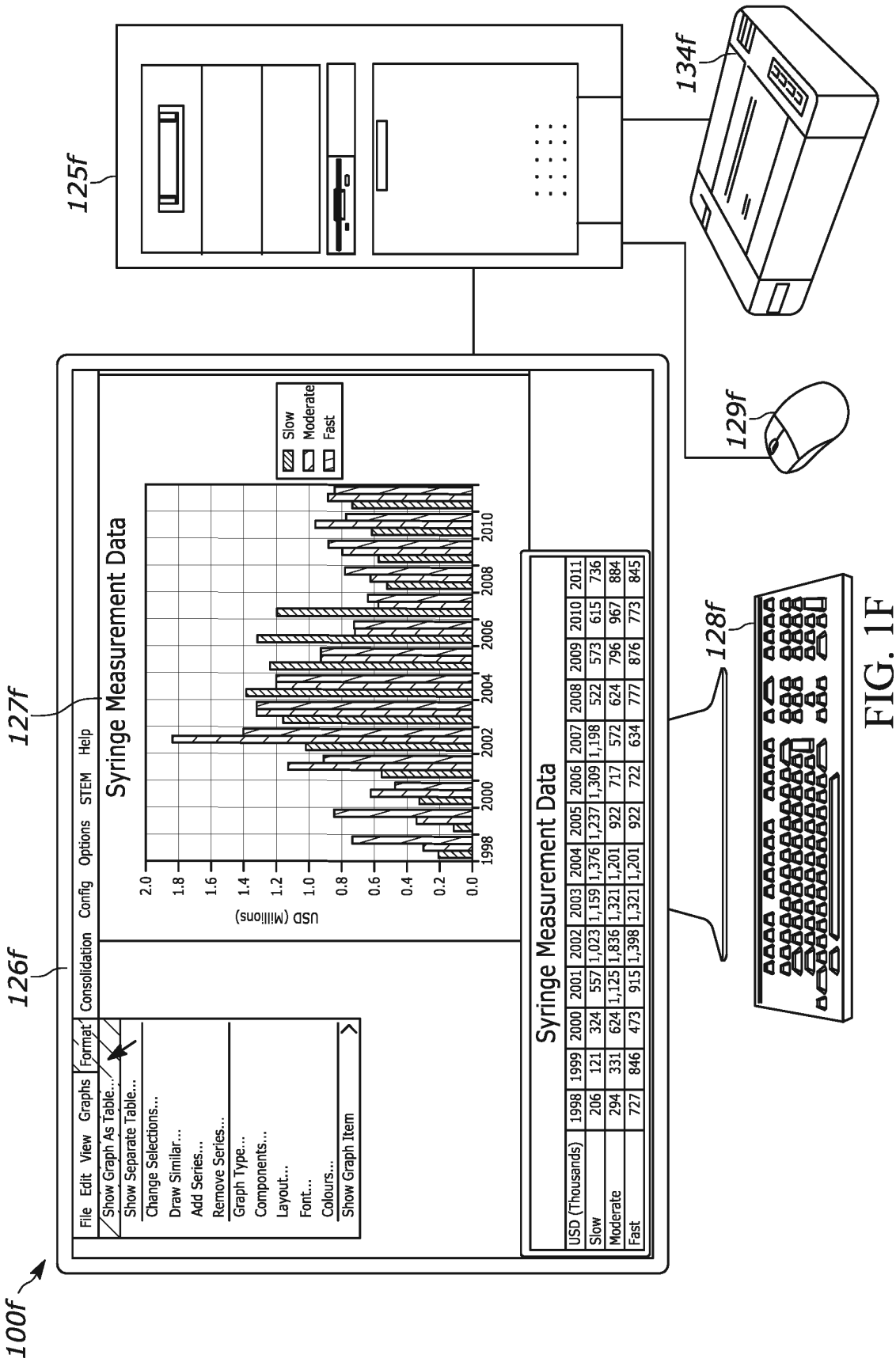

100f
126f
127f
125f
134f
129f
128f
File Edit View Graphs Format Consolidation Config Options STEM Help
Show Graph As Table...
Show Separate Table...
Change Selections...
Draw Similar...
Add Series...
Remove Series...
Graph Type...
Components...
Layout...
Font...
Colours...
Show Graph Item
Syringe Measurement Data
USD (Millions)
Slow
Moderate
Fast
Syringe Measurement Data
USD (Thousands) 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011
Slow 206 121 324 557 1,023 1,159 1,376 1,237 1,309 1,198 522 573 615 736
Moderate 294 331 624 1,125 1,836 1,321 1,201 922 717 572 624 796 967 884
Fast 727 846 473 915 1,398 1,321 1,201 922 722 634 777 876 773 845

FIG. 1F

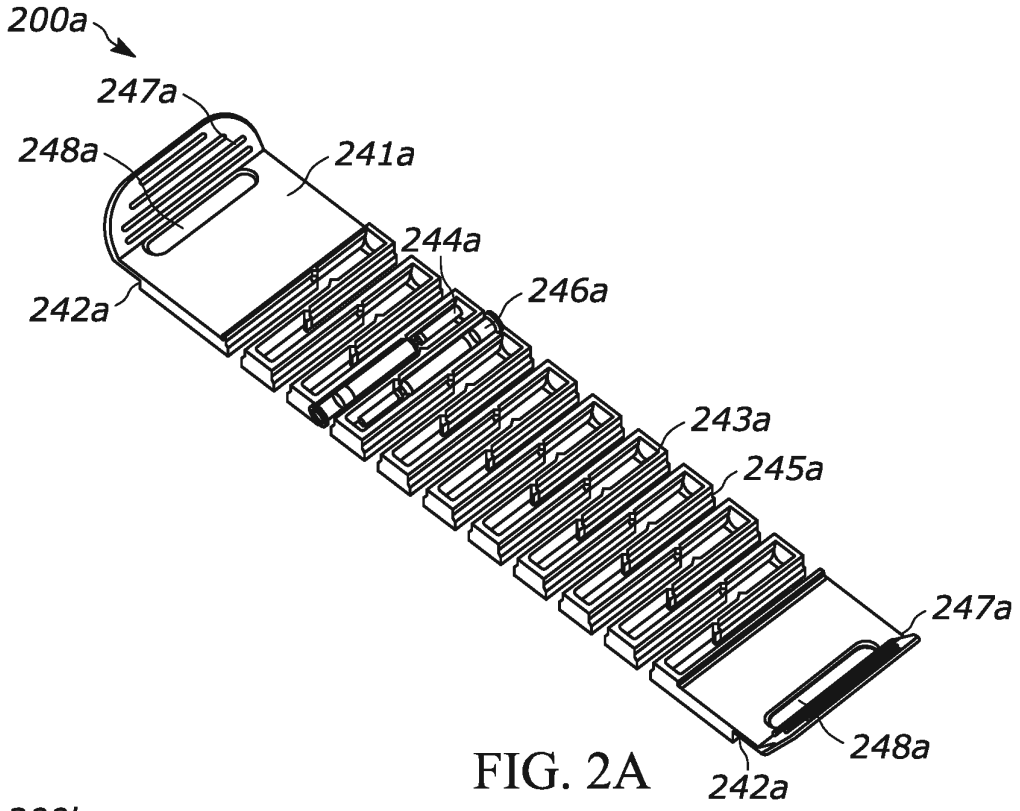

200a
247a
248a
241a
244a
246a
242a
243a
245a
247a
248a
242a

FIG. 2A

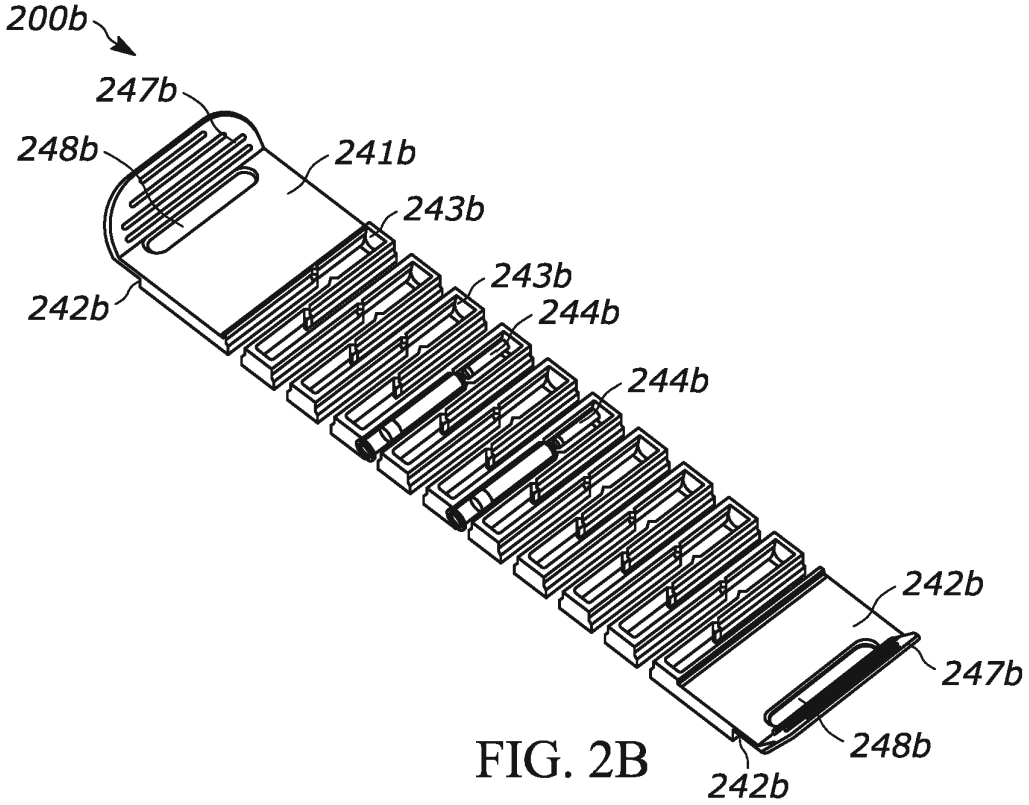

200b
247b
248b
241b
243b
243b
242b
244b
244b
242b
247b
248b
242b

FIG. 2B

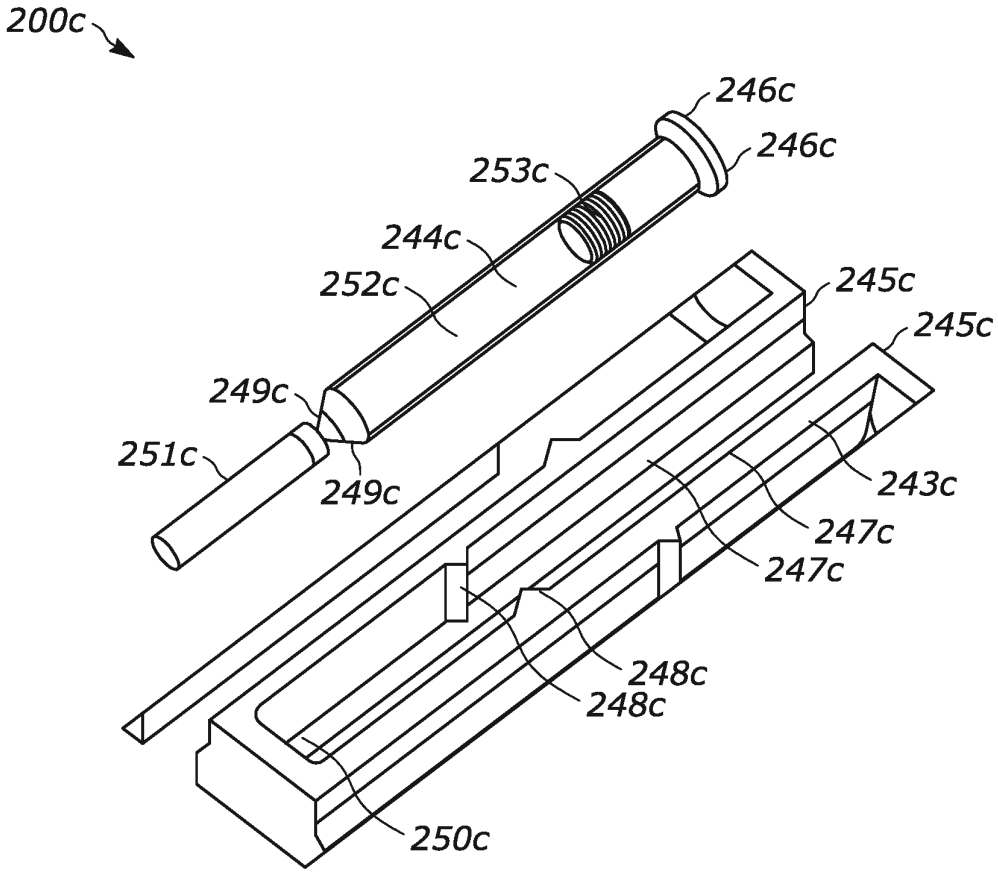

200c
246c
246c
253c
244c
252c
245c
245c
249c
251c
249c
243c
247c
247c
248c
248c
250c

FIG. 2C

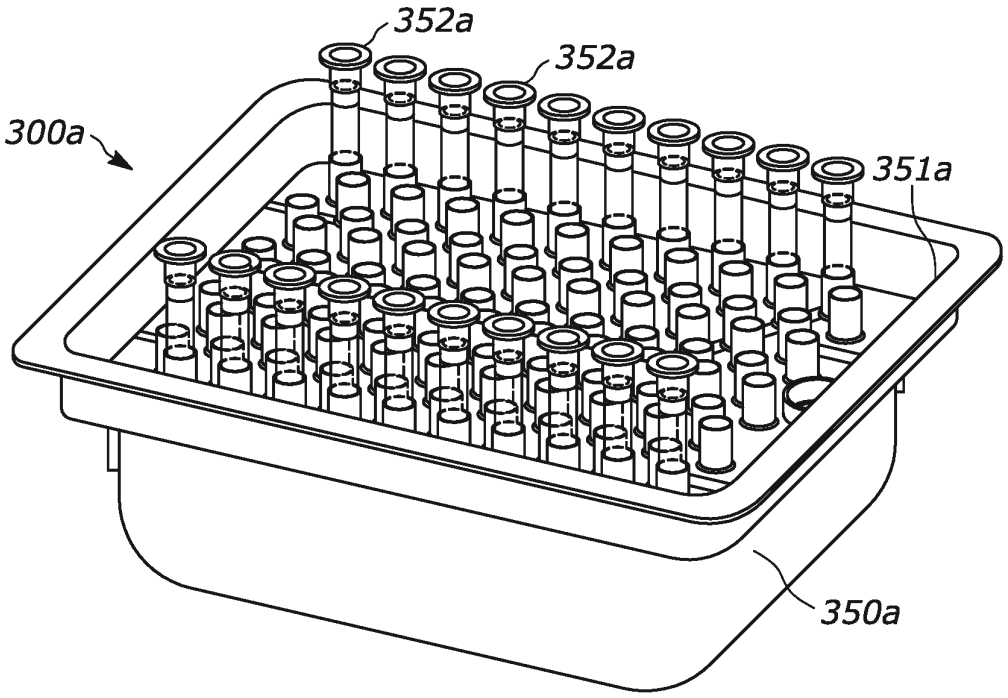


FIG. 3A

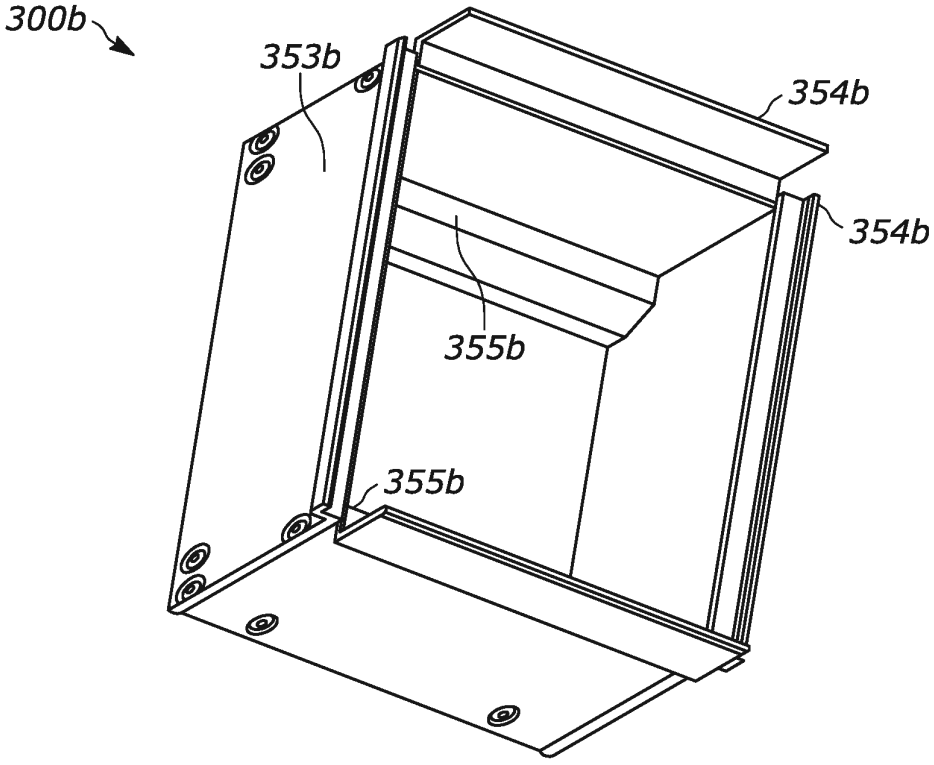


FIG. 3B

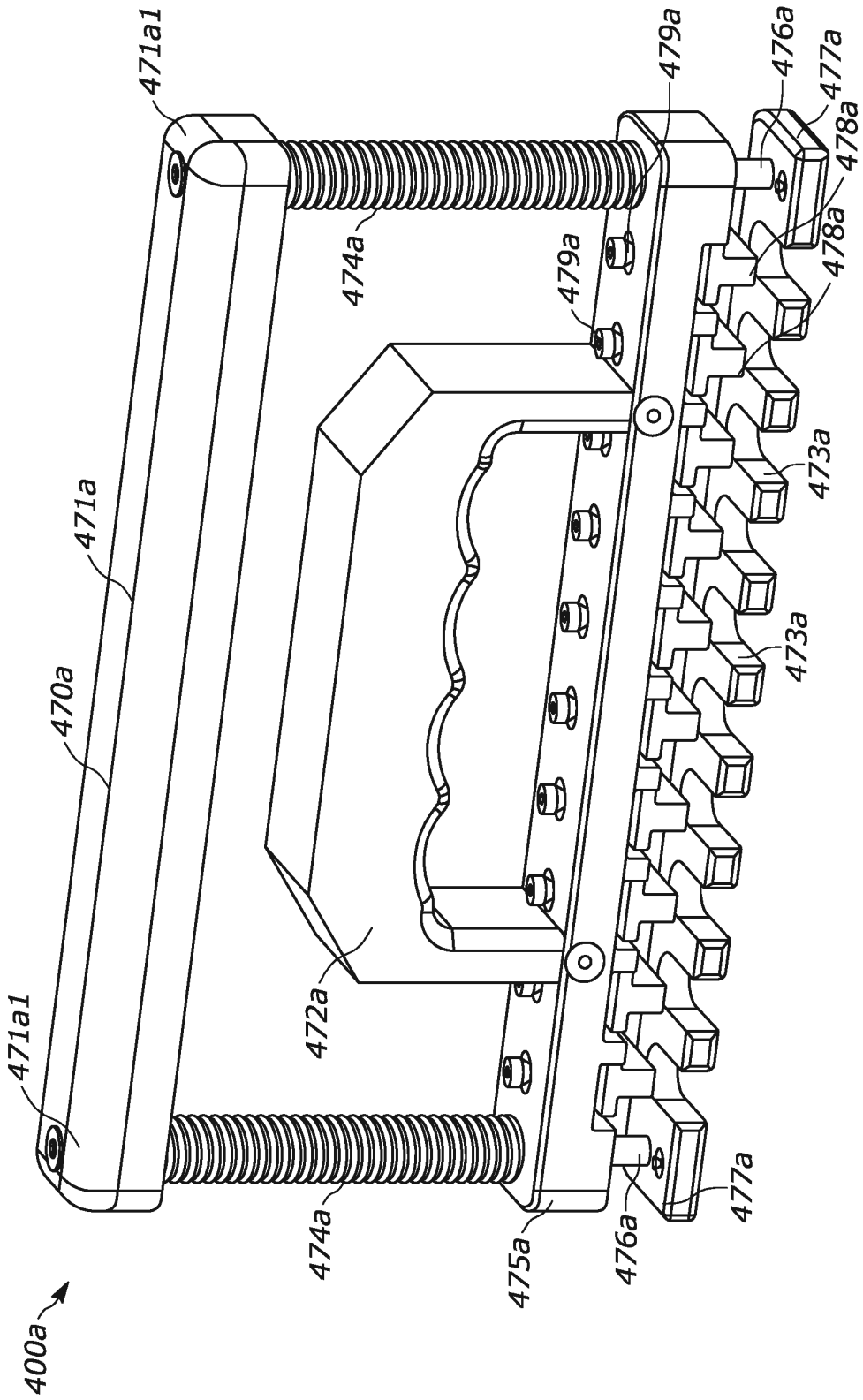
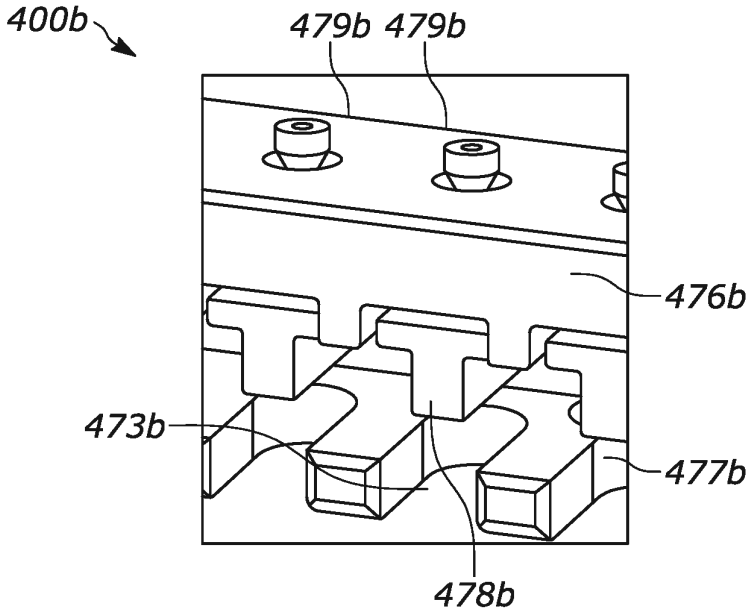

400a
471a1
471a
470a
471a1
474a
472a
474a
475a
476a
477a
479a
479a
476a
477a
478a
478a
473a
473a

FIG. 4A



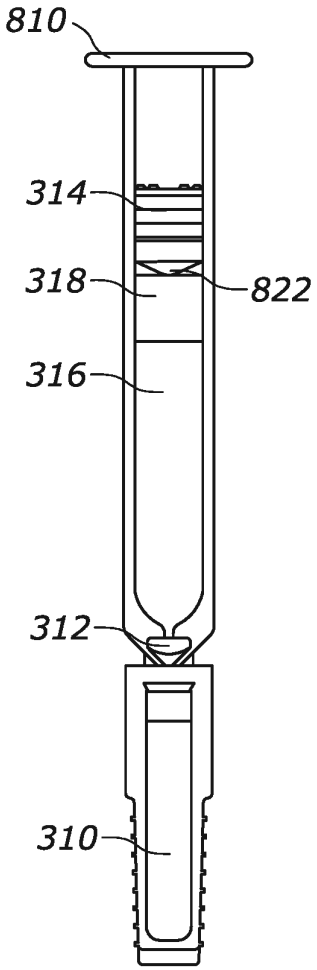


FIG. 4B

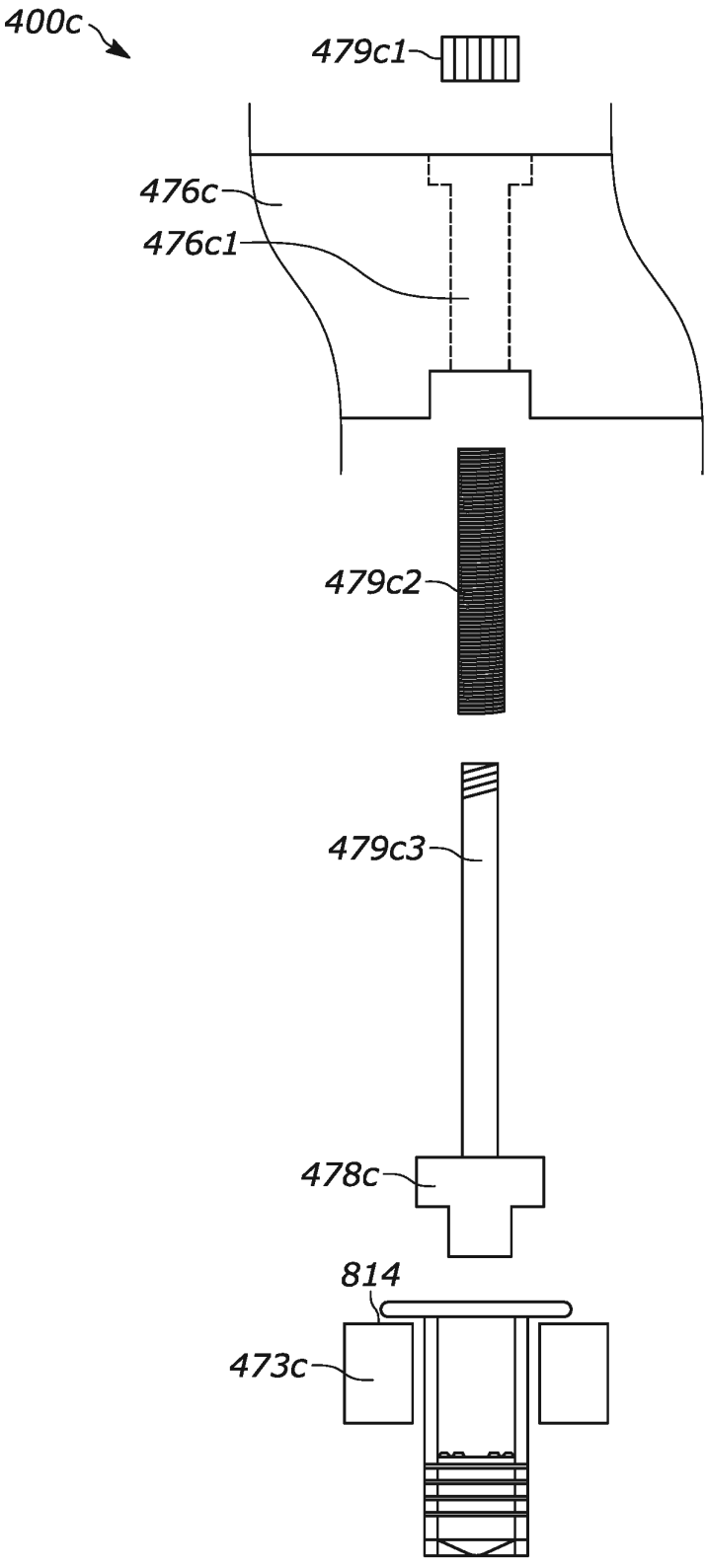


FIG. 4C

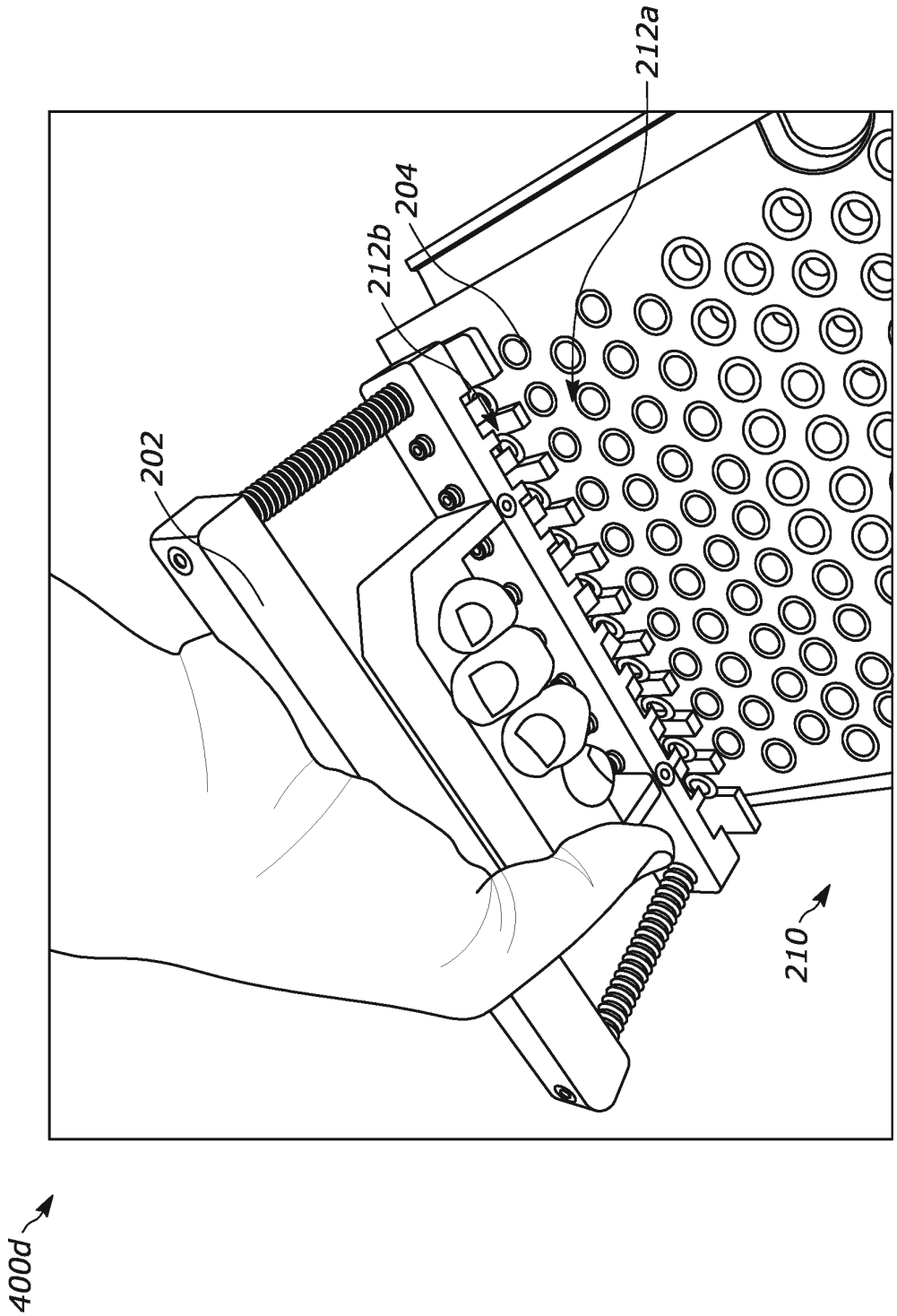


FIG. 4D

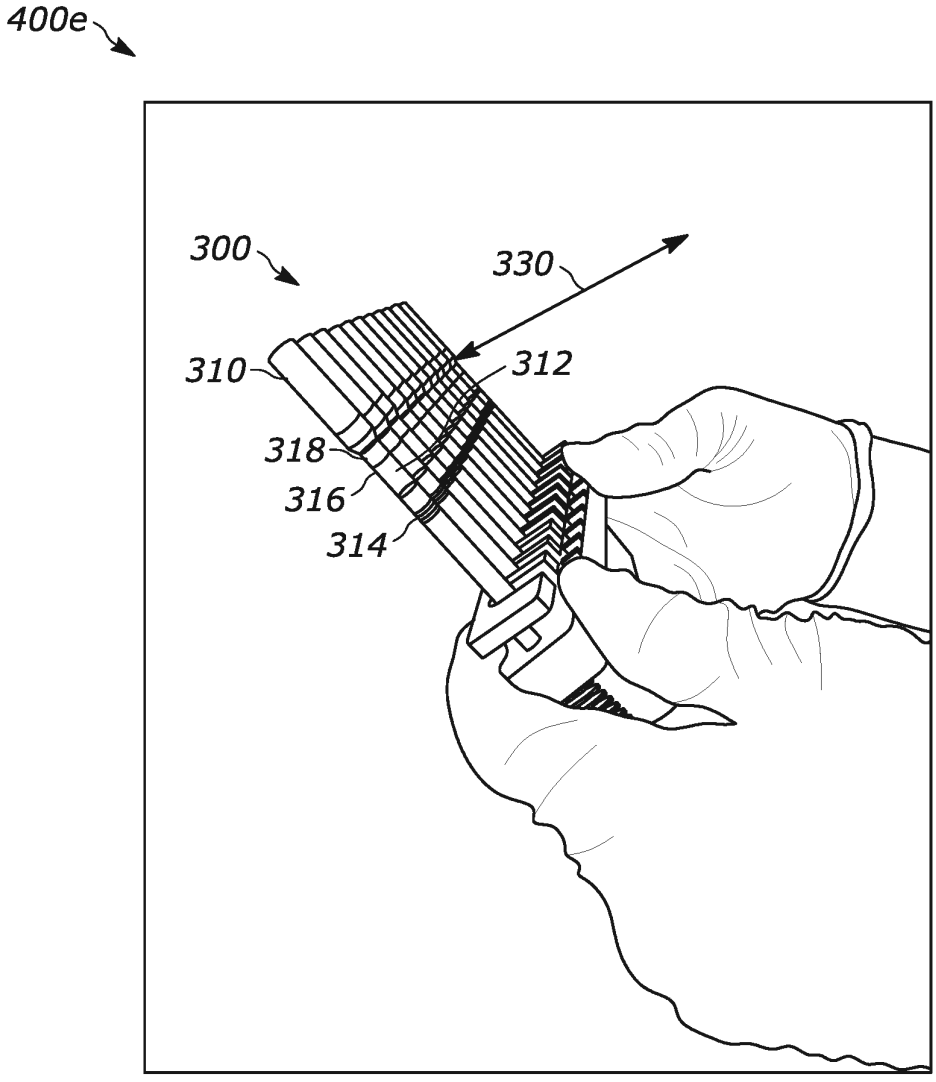


FIG. 4E

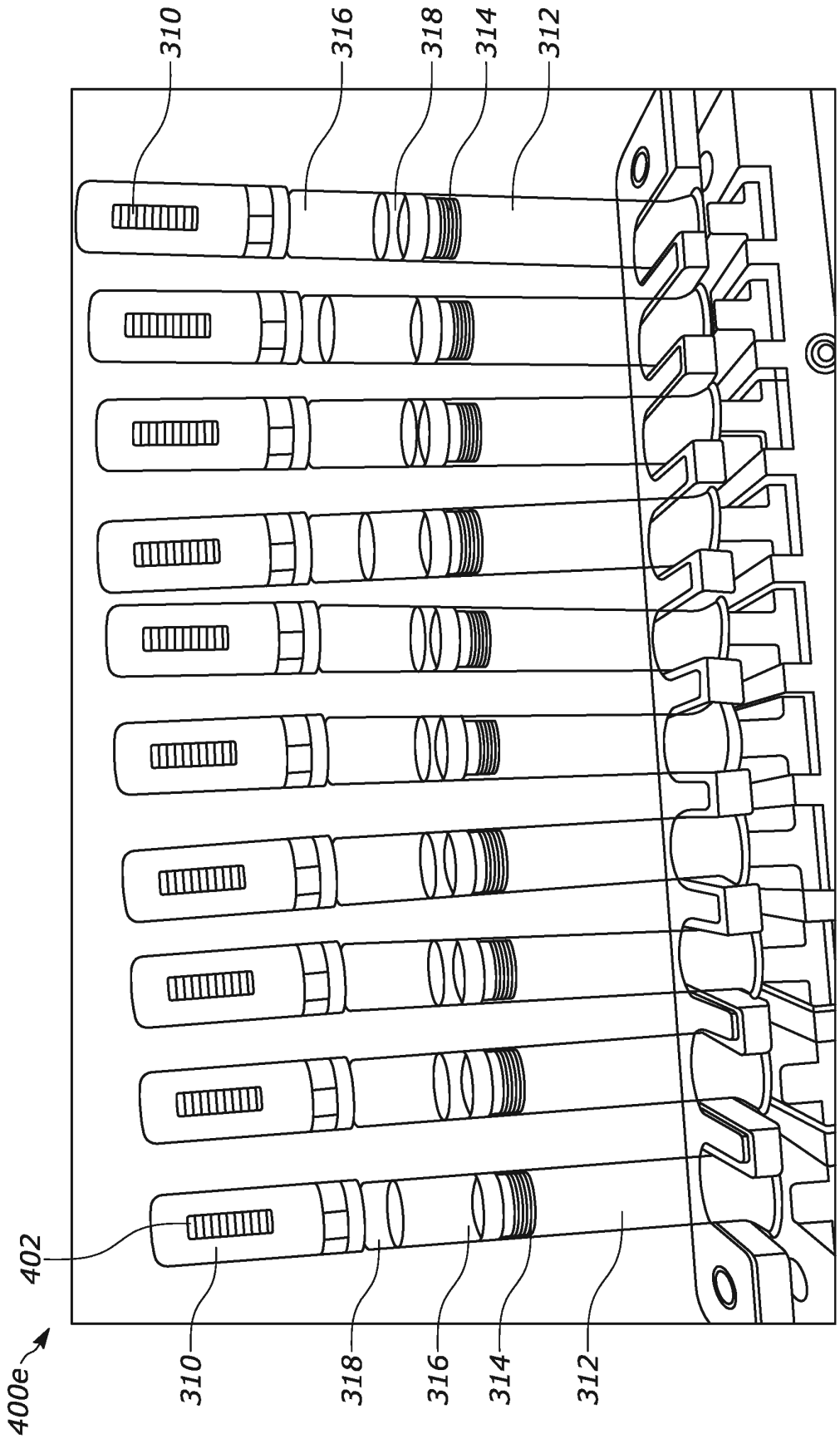


FIG. 4F

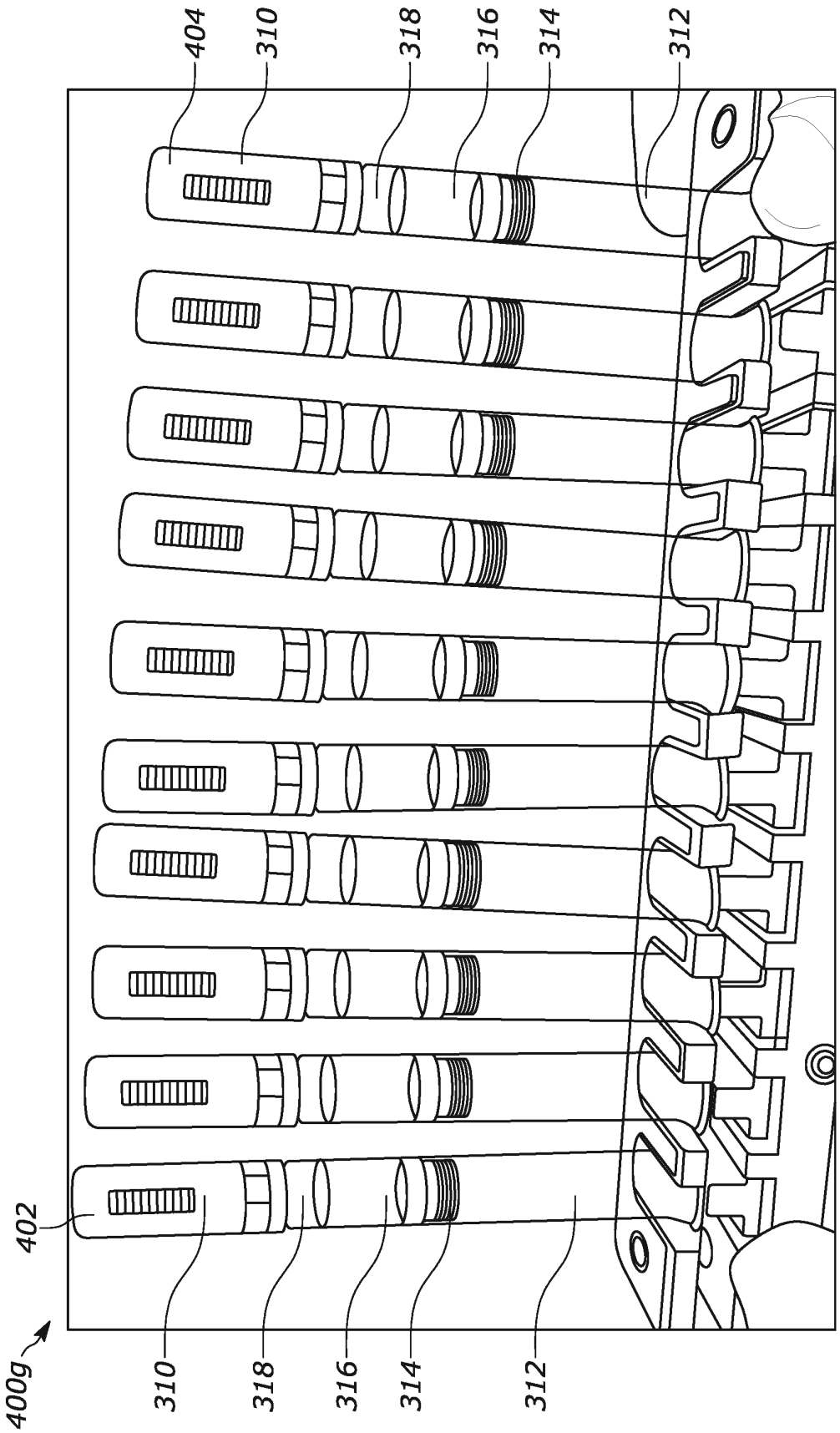


FIG. 4G

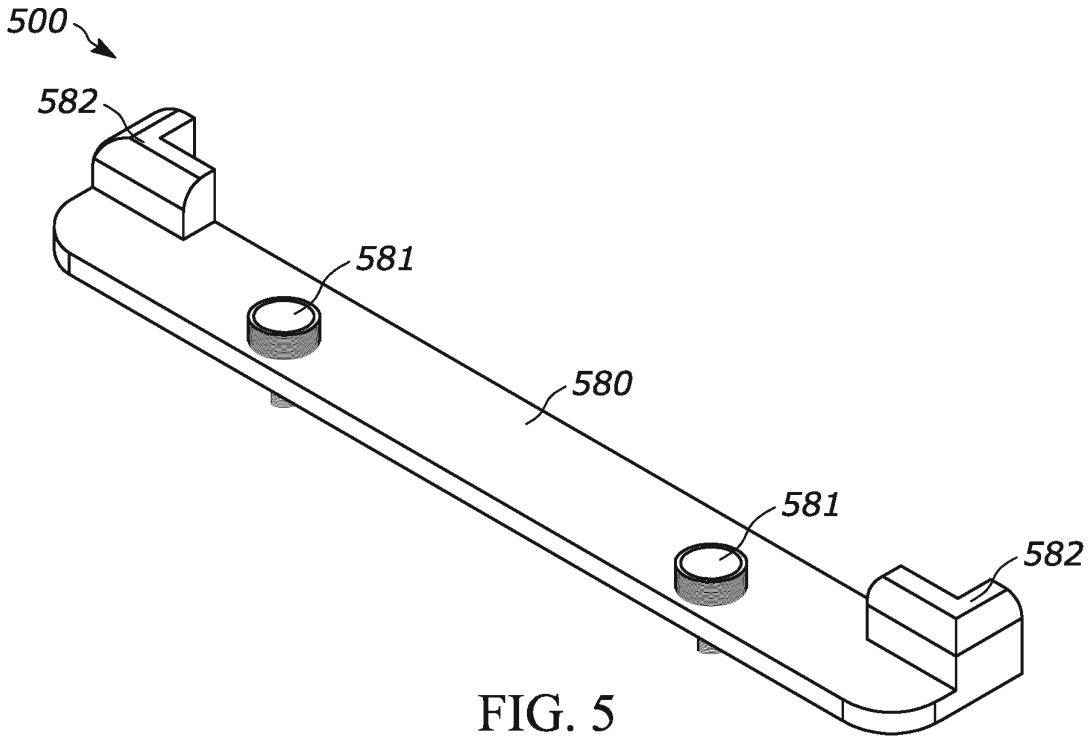


FIG. 5

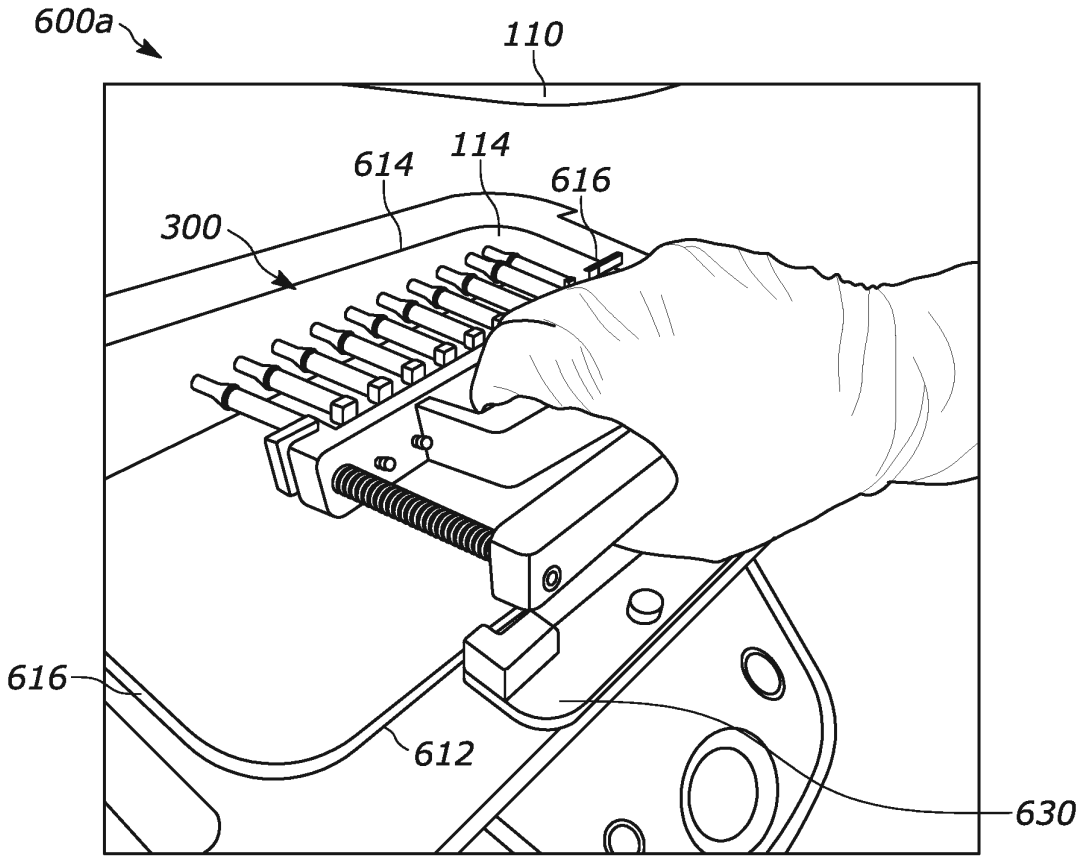


FIG. 6A

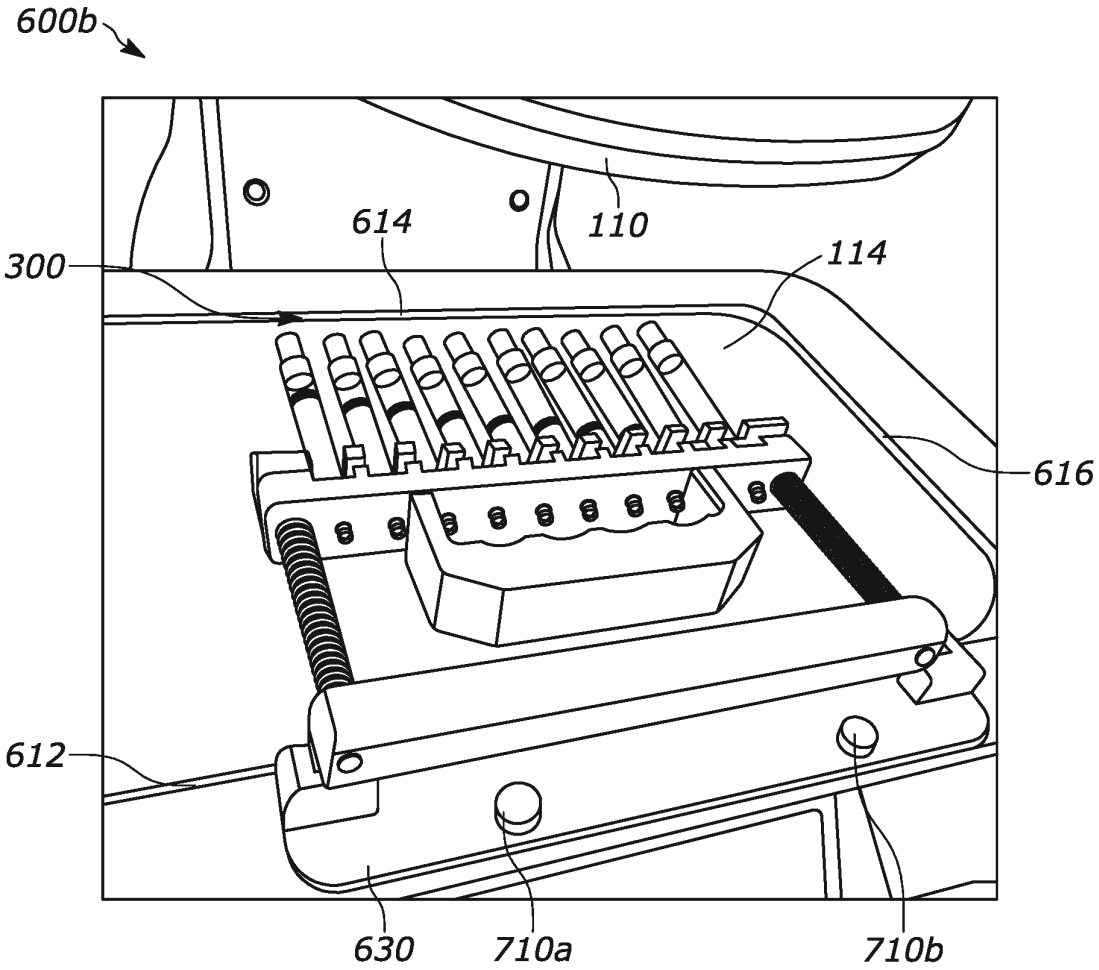


FIG. 6B

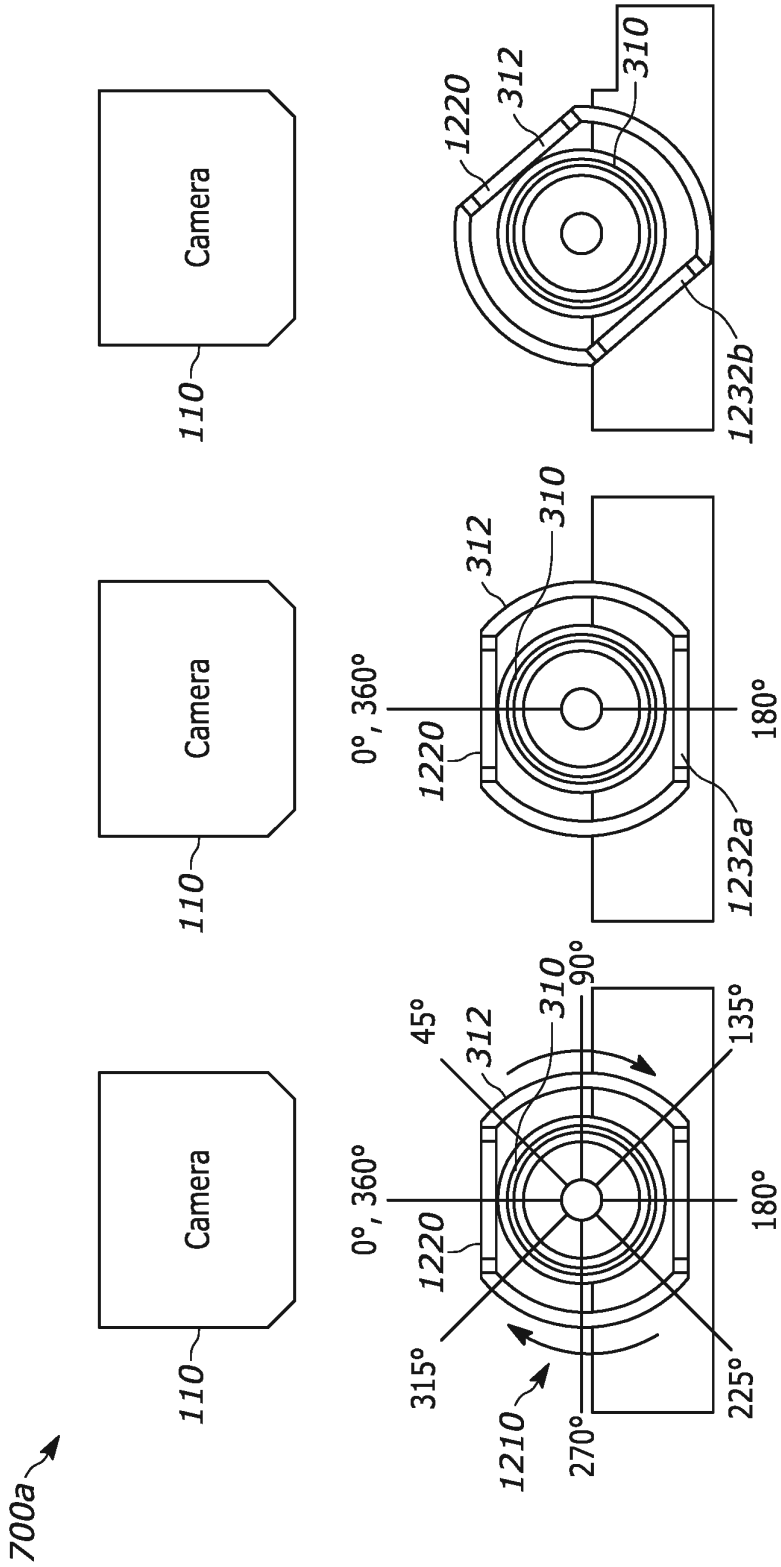

700a
Camera
110
Camera
110
Camera
110
1210
1220
312
310
0°, 360°
45°
90°
135°
180°
225°
270°
315°
1232a
1232b

FIG. 7A

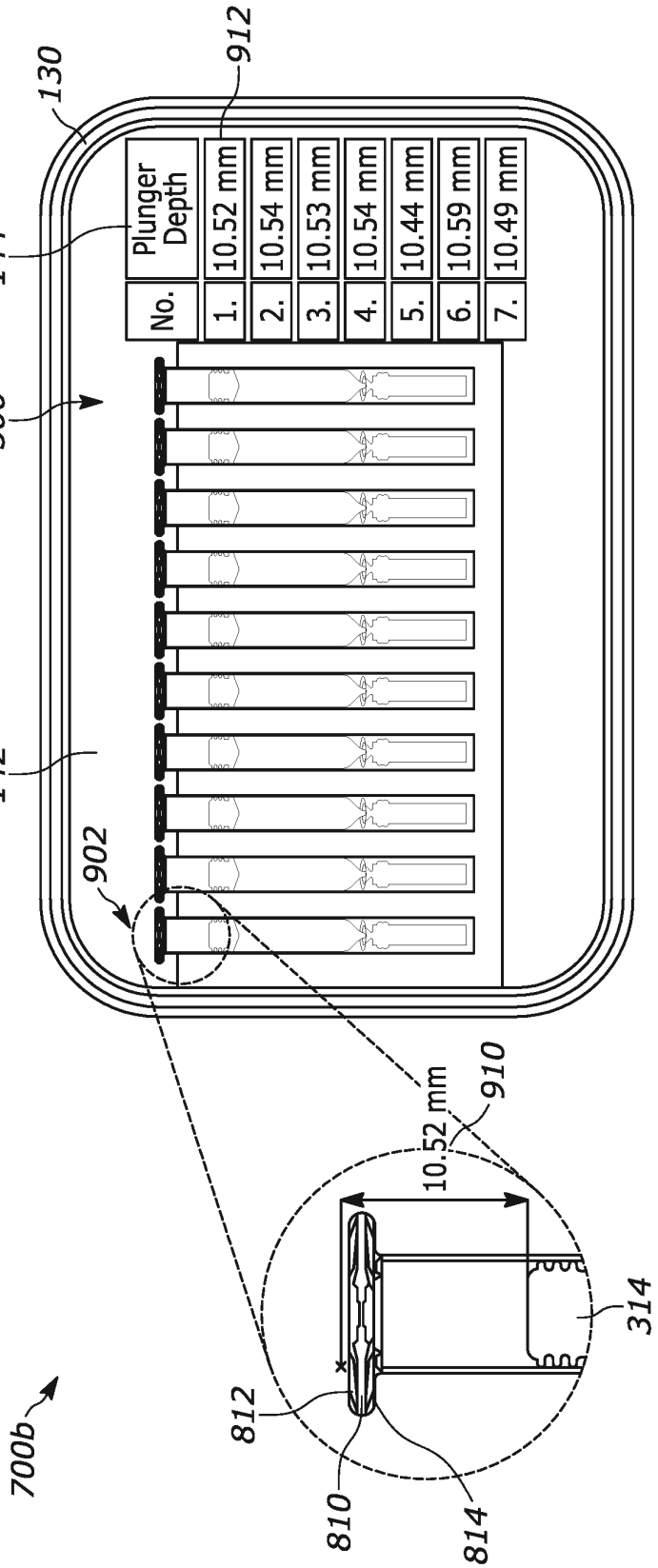

700b
130
912
144
300
142
902
910
812
810
814
314
10.52 mm
No.
Plunger Depth
1. 10.52 mm
2. 10.54 mm
3. 10.53 mm
4. 10.54 mm
5. 10.44 mm
6. 10.59 mm
7. 10.49 mm

FIG. 7B

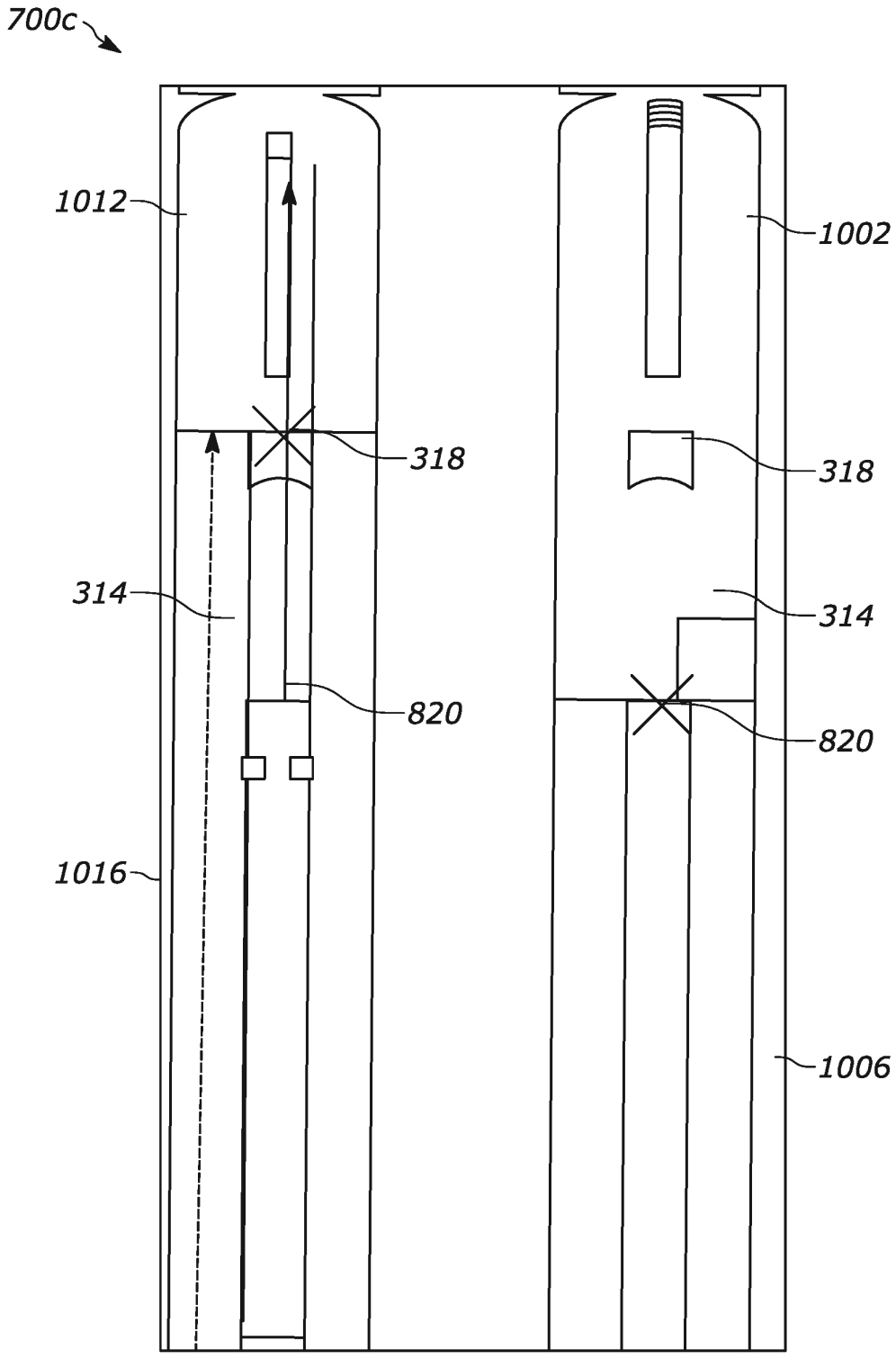


FIG. 7C

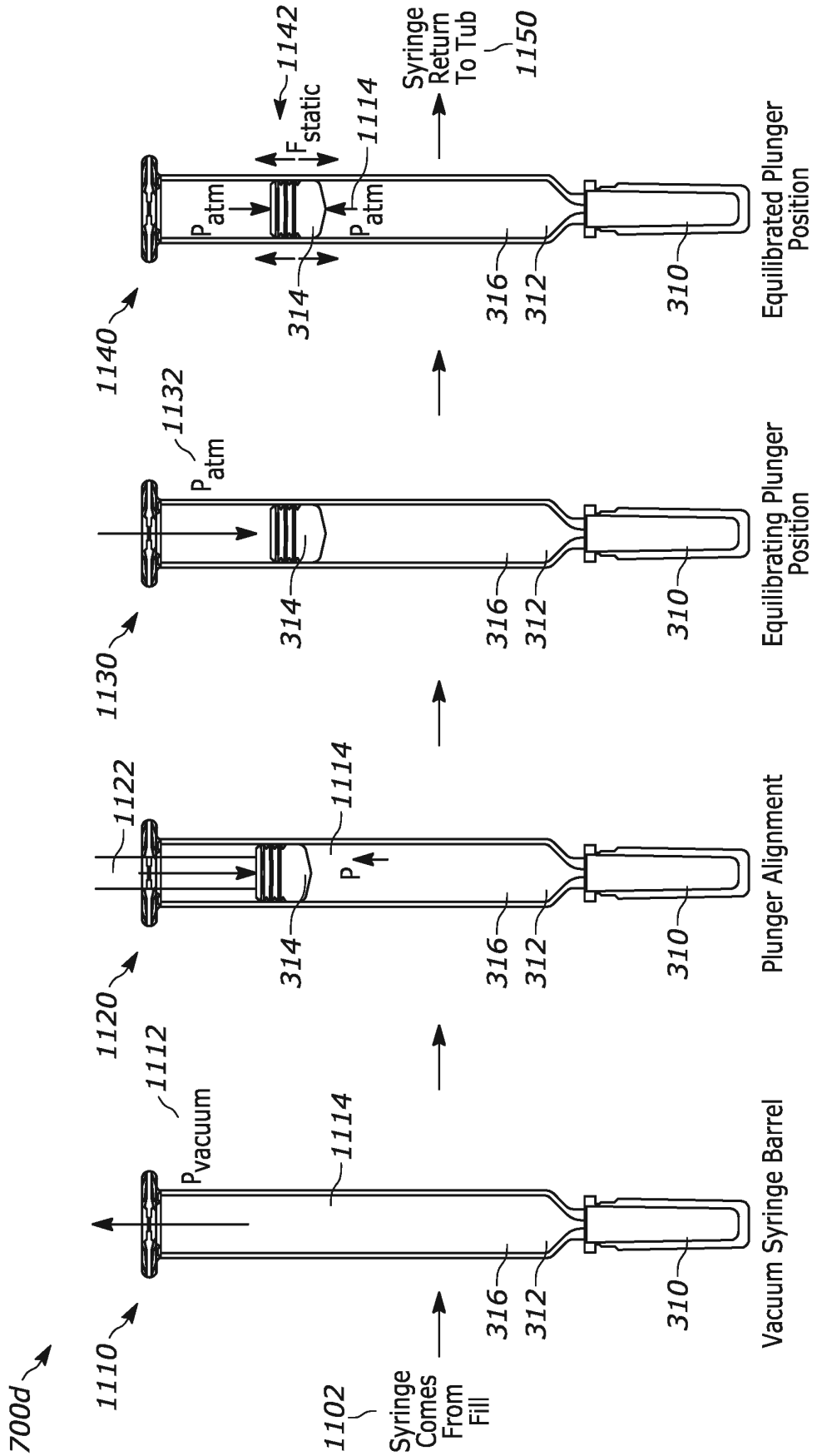

700d
1110
1102
Syringe Comes From Fill
1112
P_{vacuum}
1114
1120
1122
P
1130
1132
P_{atm}
1140
1142
F_{static}
Syringe Return To Tub
1150
310
312
314
316
Vacuum Syringe Barrel
Plunger Alignment
Equilibrating Plunger Position
Equilibrated Plunger Position

FIG. 7D

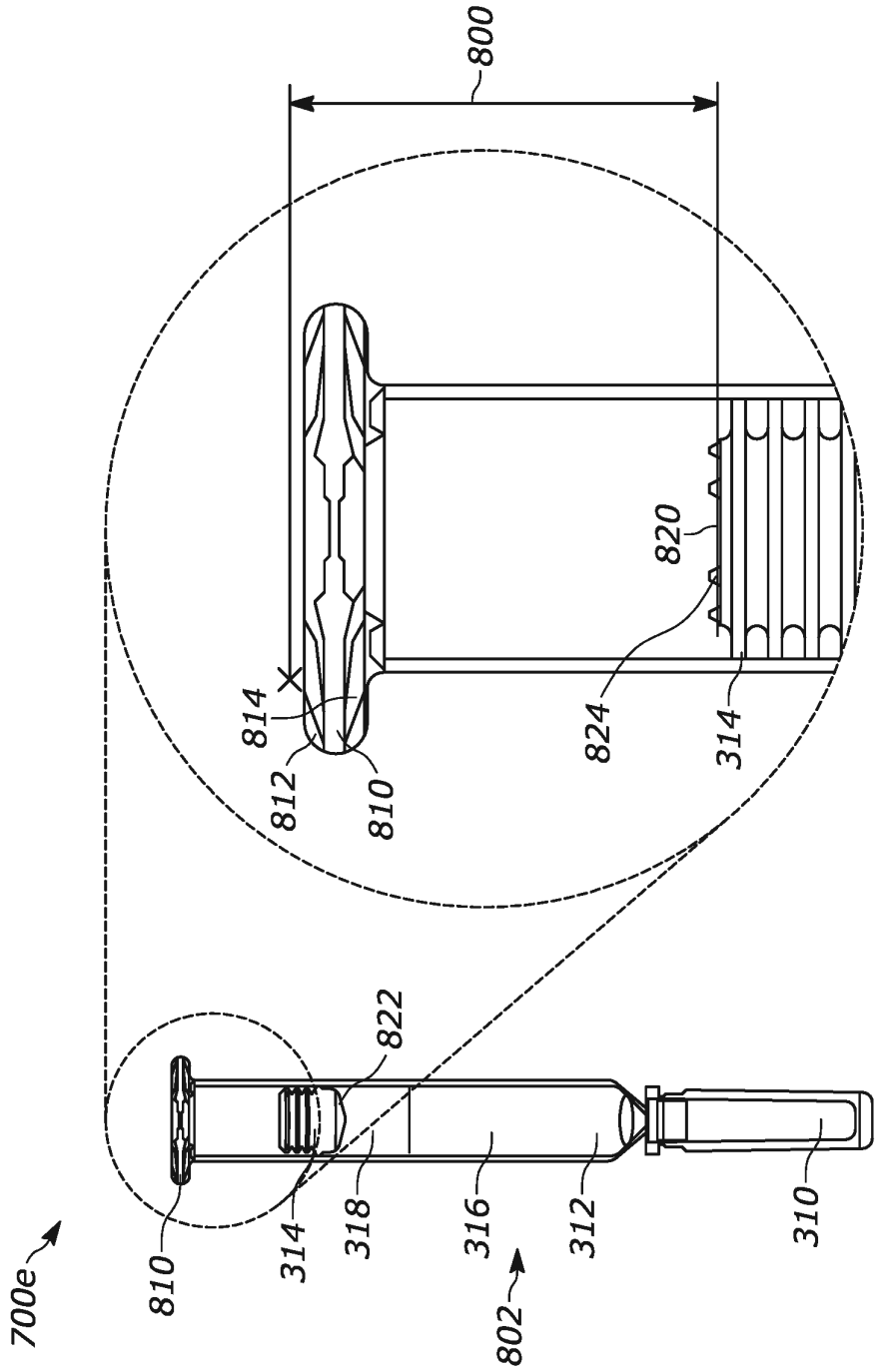


FIG. 7E