Figure 1A

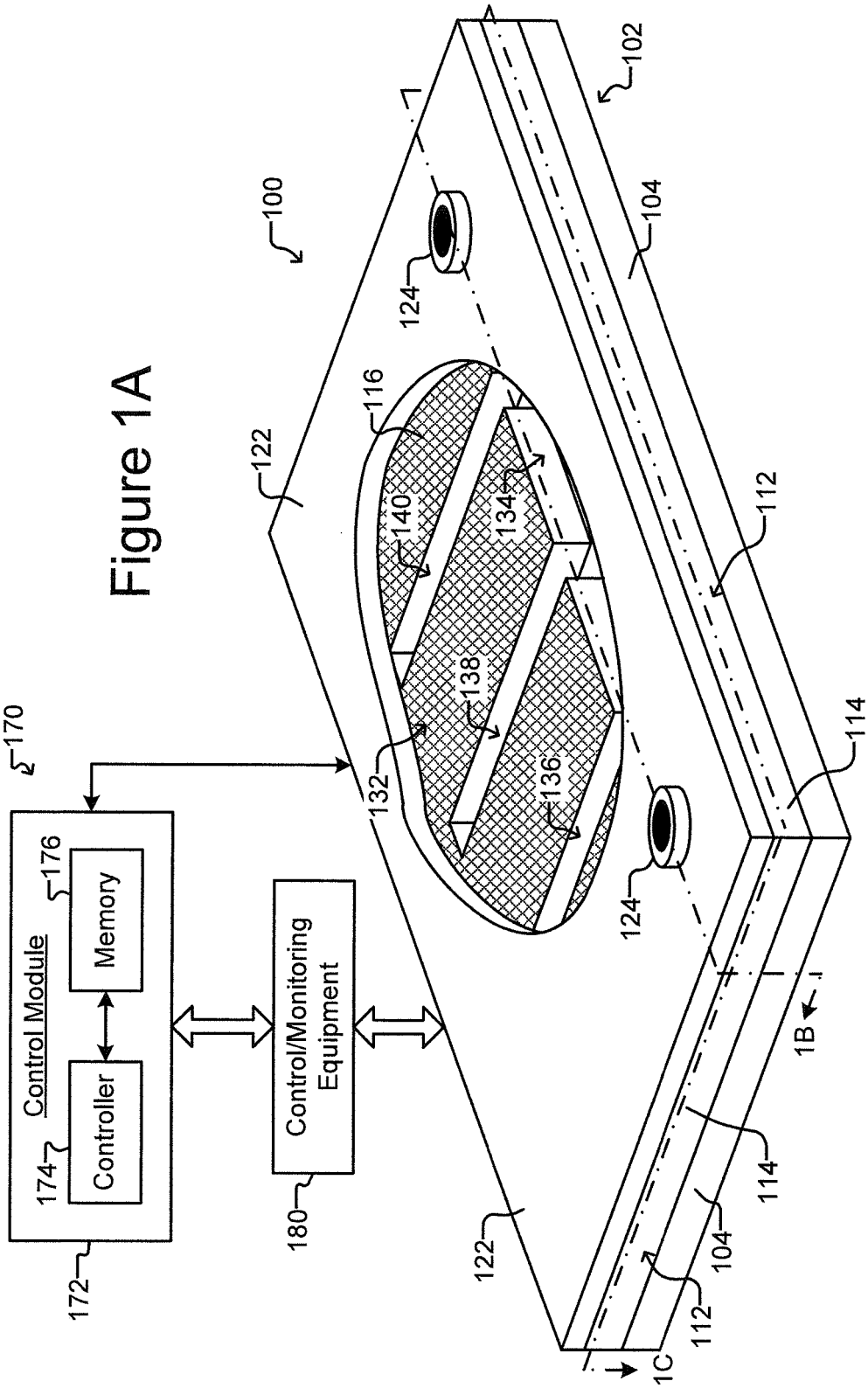

100
102
104
112
114
116
122
124
132
134
136
138
140
170
172
174
176
Control Module
Controller
Memory
180
Control/Monitoring Equipment
1B
1C

Figure 1B

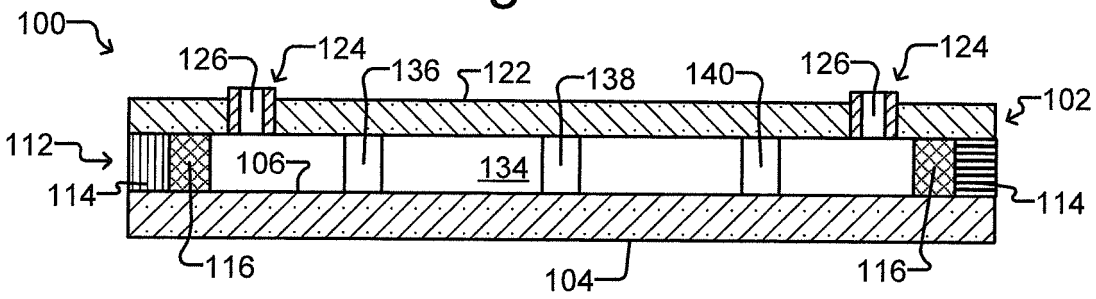



Figure 1C

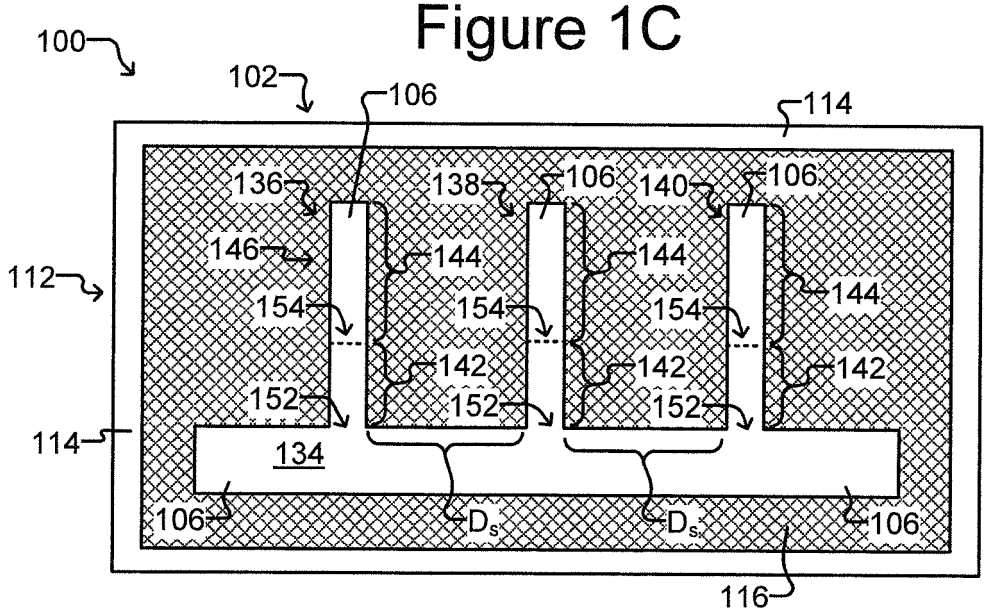


Figure 1D

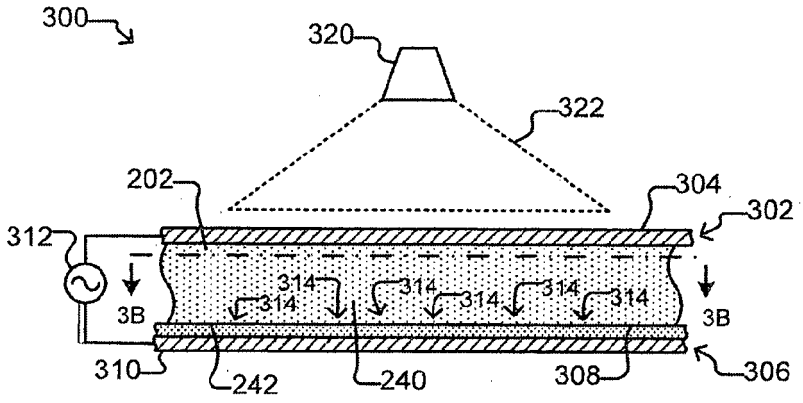



Figure 1E

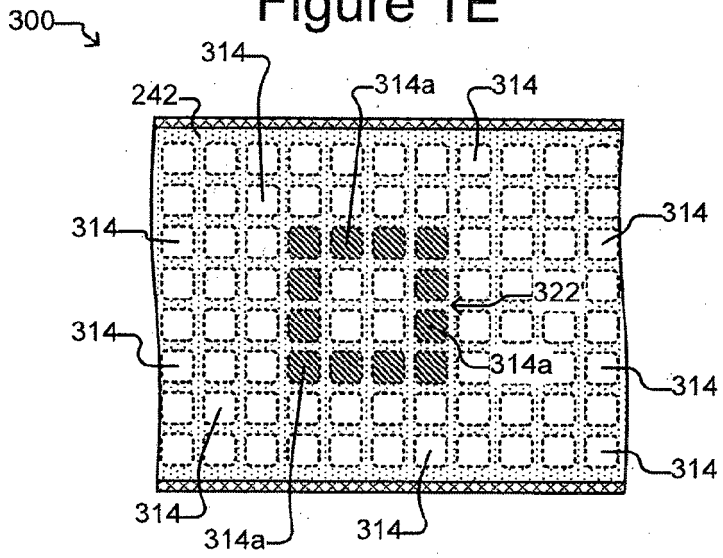


Figure 2

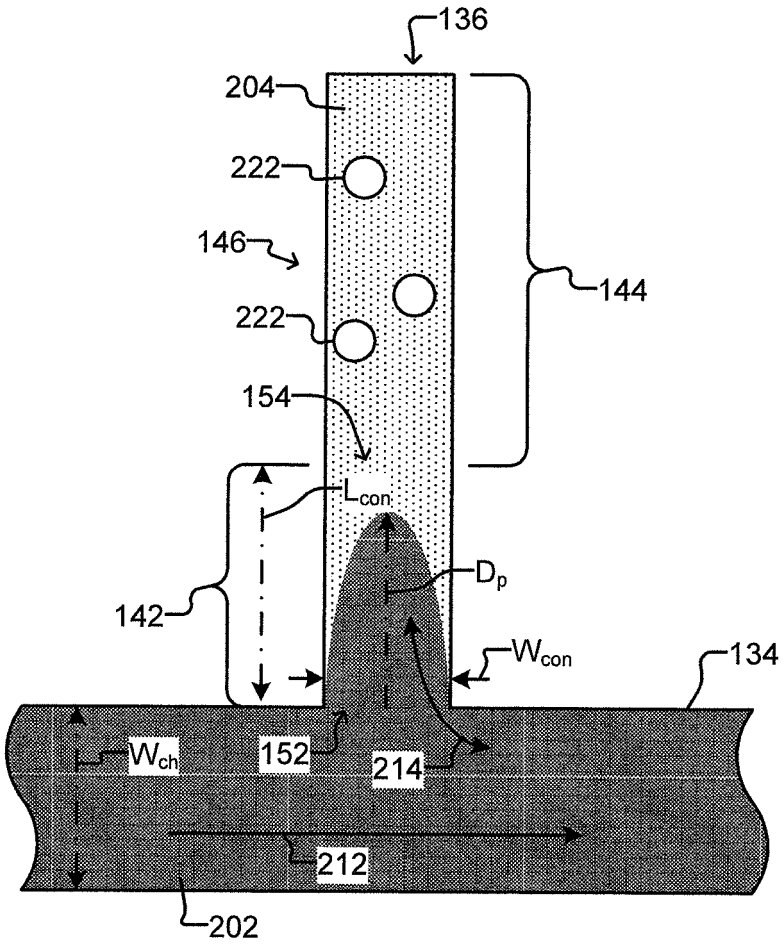

136
204
222
146
222
154
144
$L_{con}$
142
$D_p$
$W_{con}$
134
$W_{ch}$
152
214
212
202

Figure 3

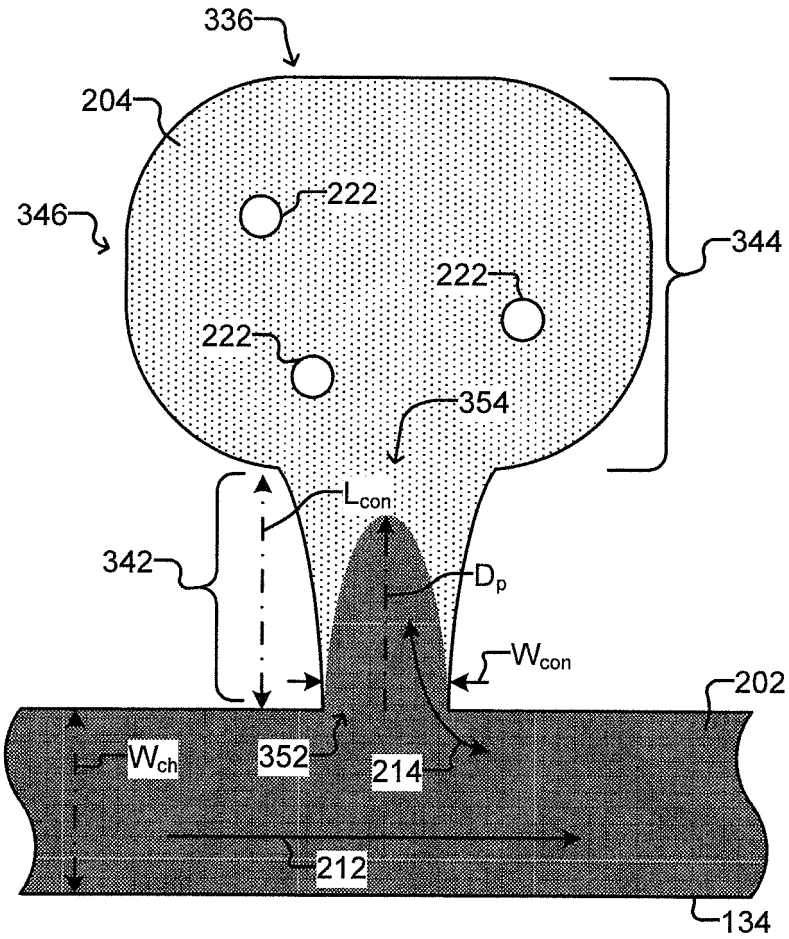

336
204
222
346
344
222
222
354
$L_{con}$
342
$D_p$
$W_{con}$
202
$W_{ch}$
352
214
212
134

Figure 4A

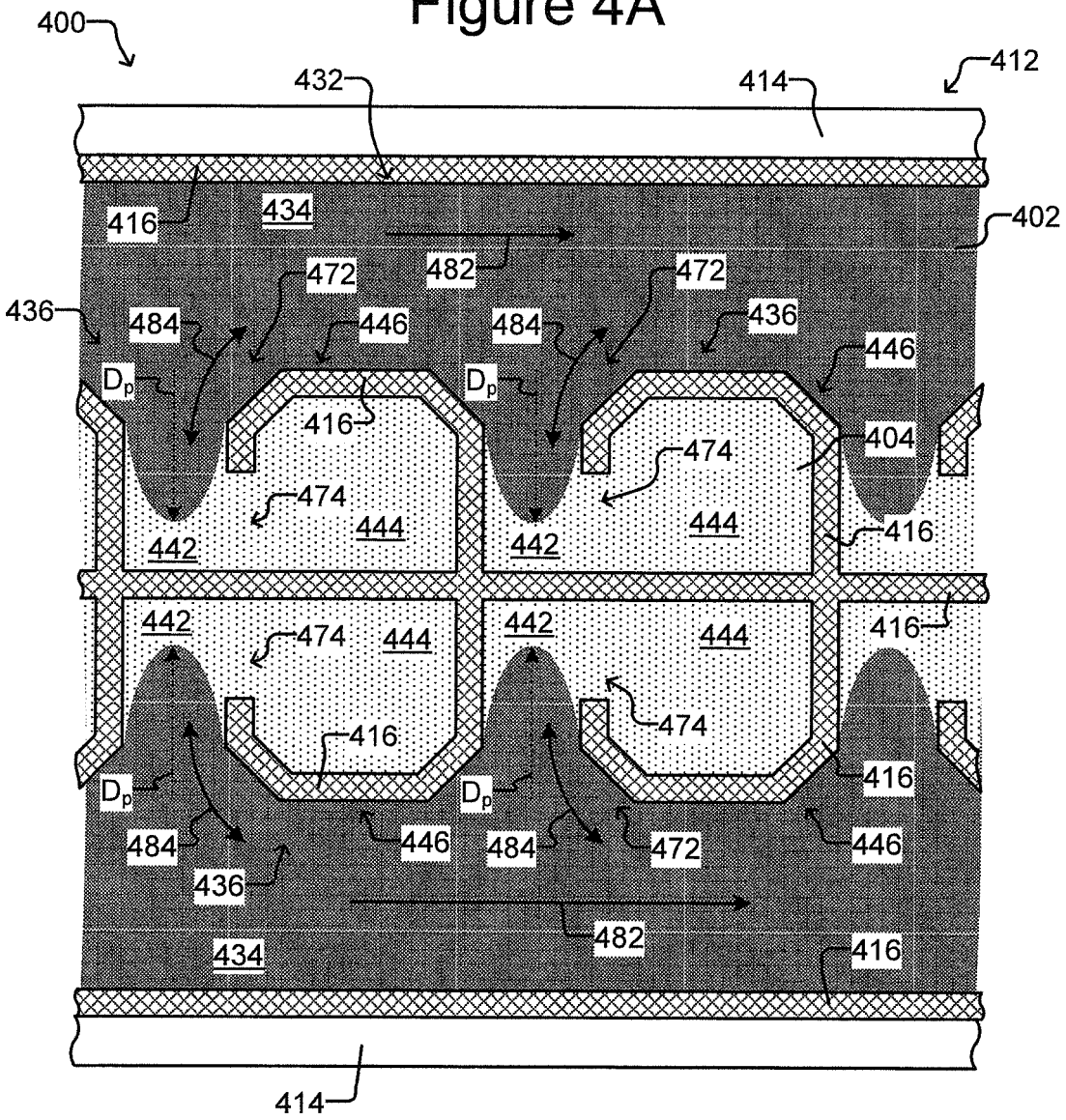

400
412
432
414
416
434
402
482
472
472
436
484
446
484
436
446
$D_p$
$D_p$
416
404
474
474
444
444
442
442
416
442
474
444
442
444
416
474
416
$D_p$
$D_p$
484
446
484
472
446
436
482
434
416
414

Figure 4B

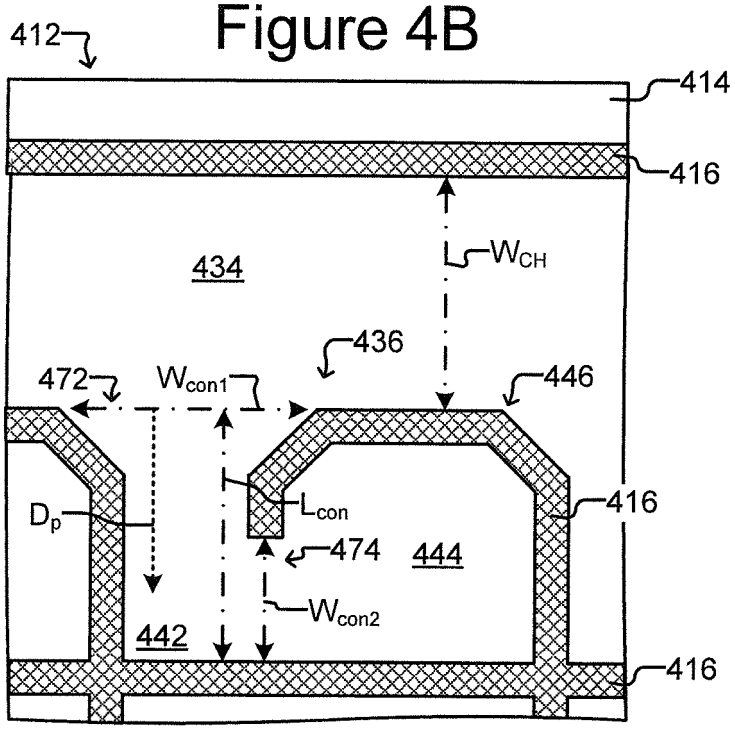
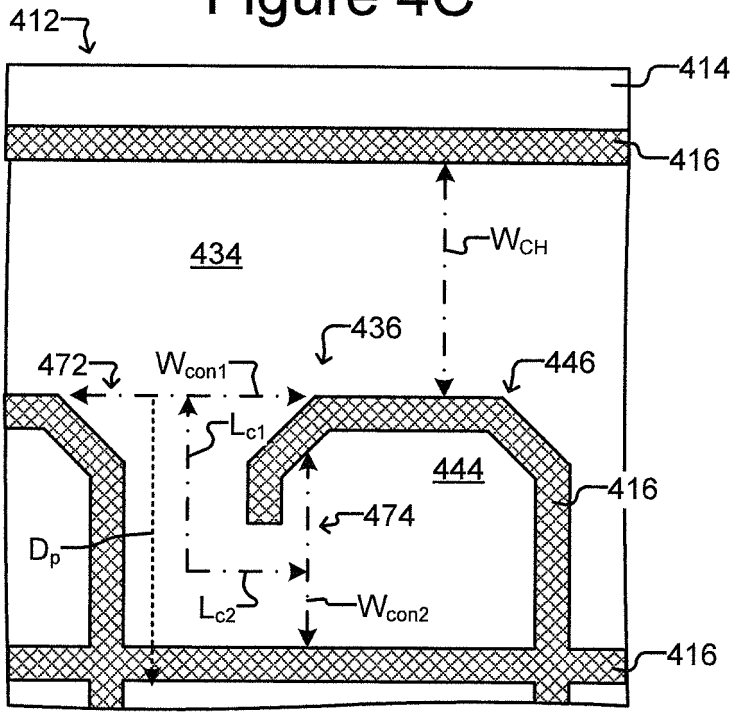



Figure 4C



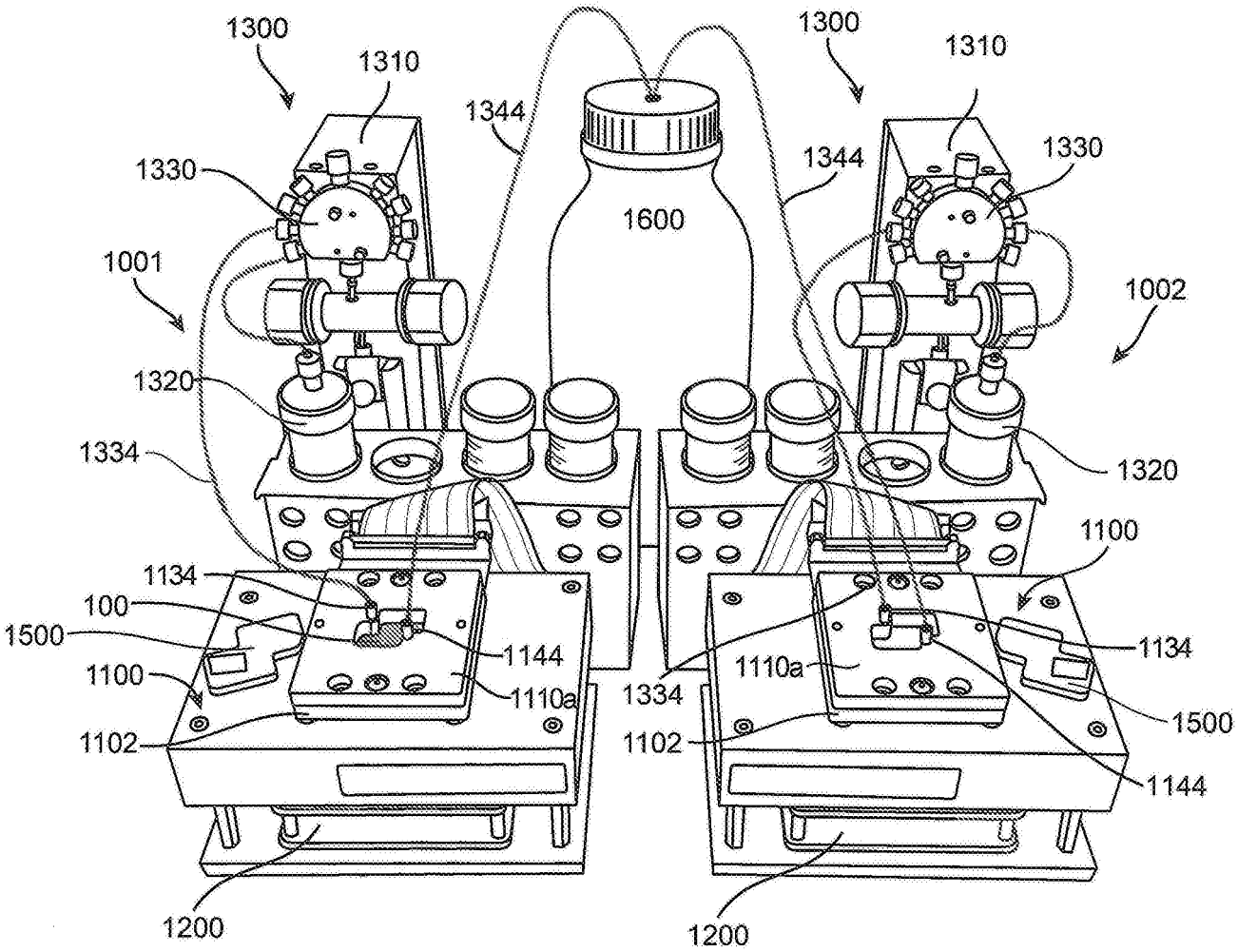

1300
1310
1344
1330
1600
1001
1320
1334
1134
100
1500
1144
1100
1110a
1102
1200
1300
1310
1344
1330
1002
1320
1100
1134
1110a
1334
1500
1102
1144
1200

FIG. 5

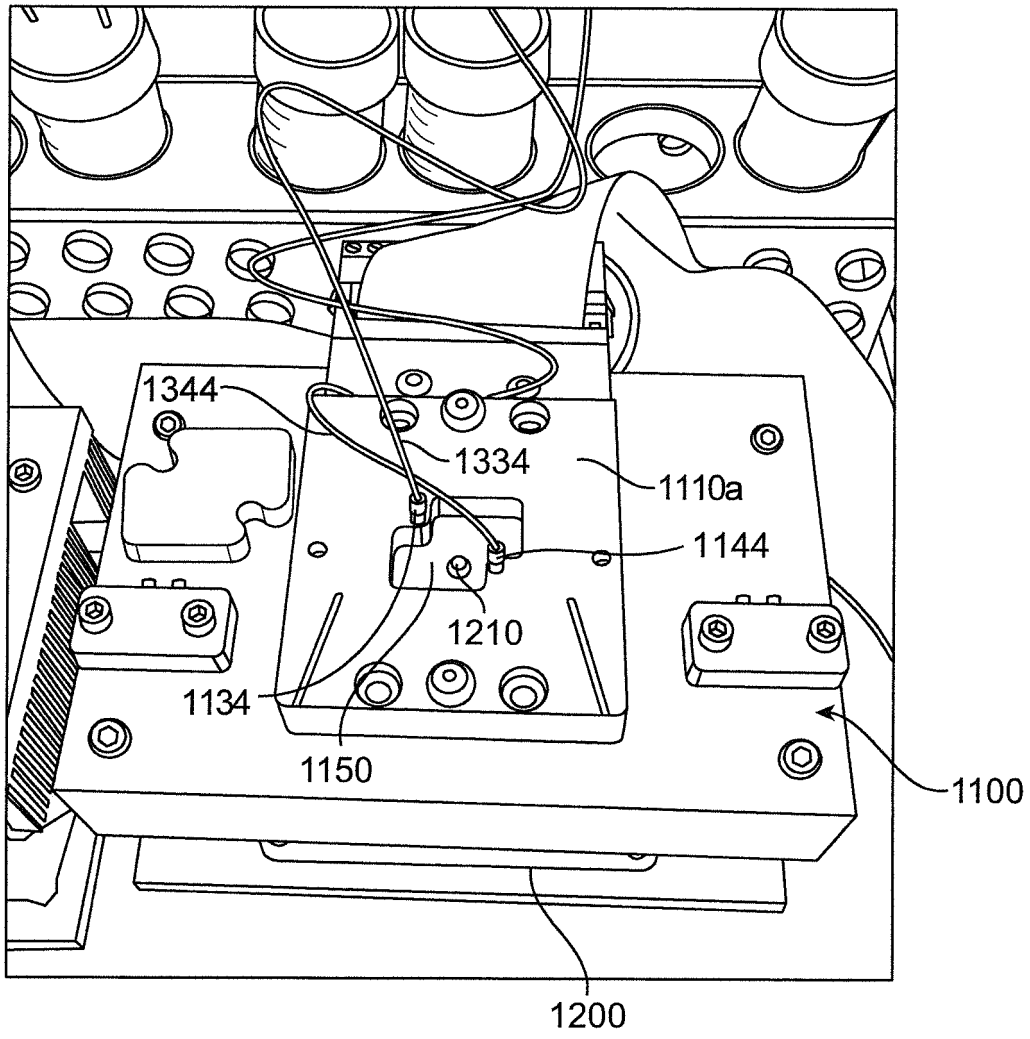



FIG. 6

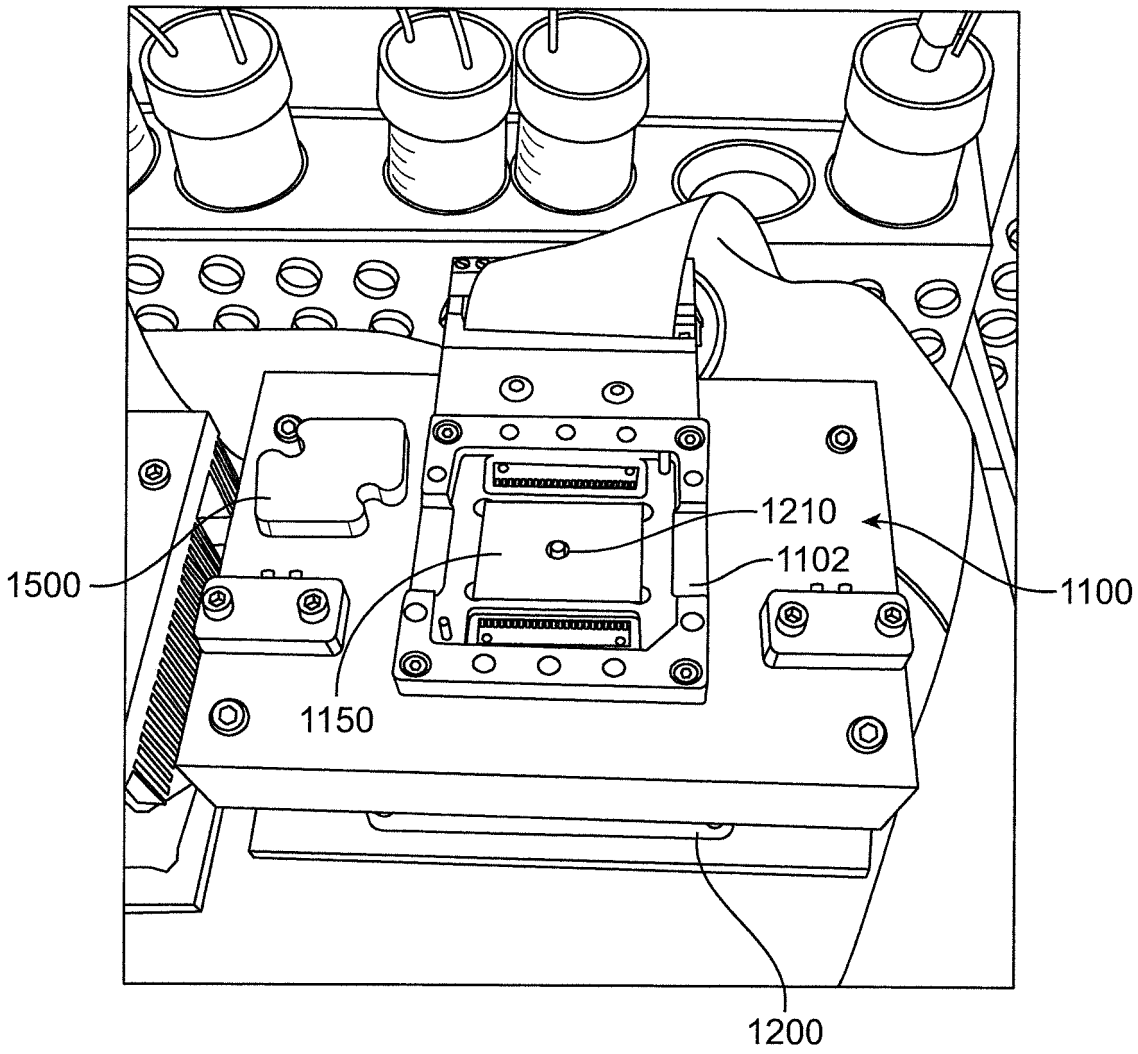



FIG. 7

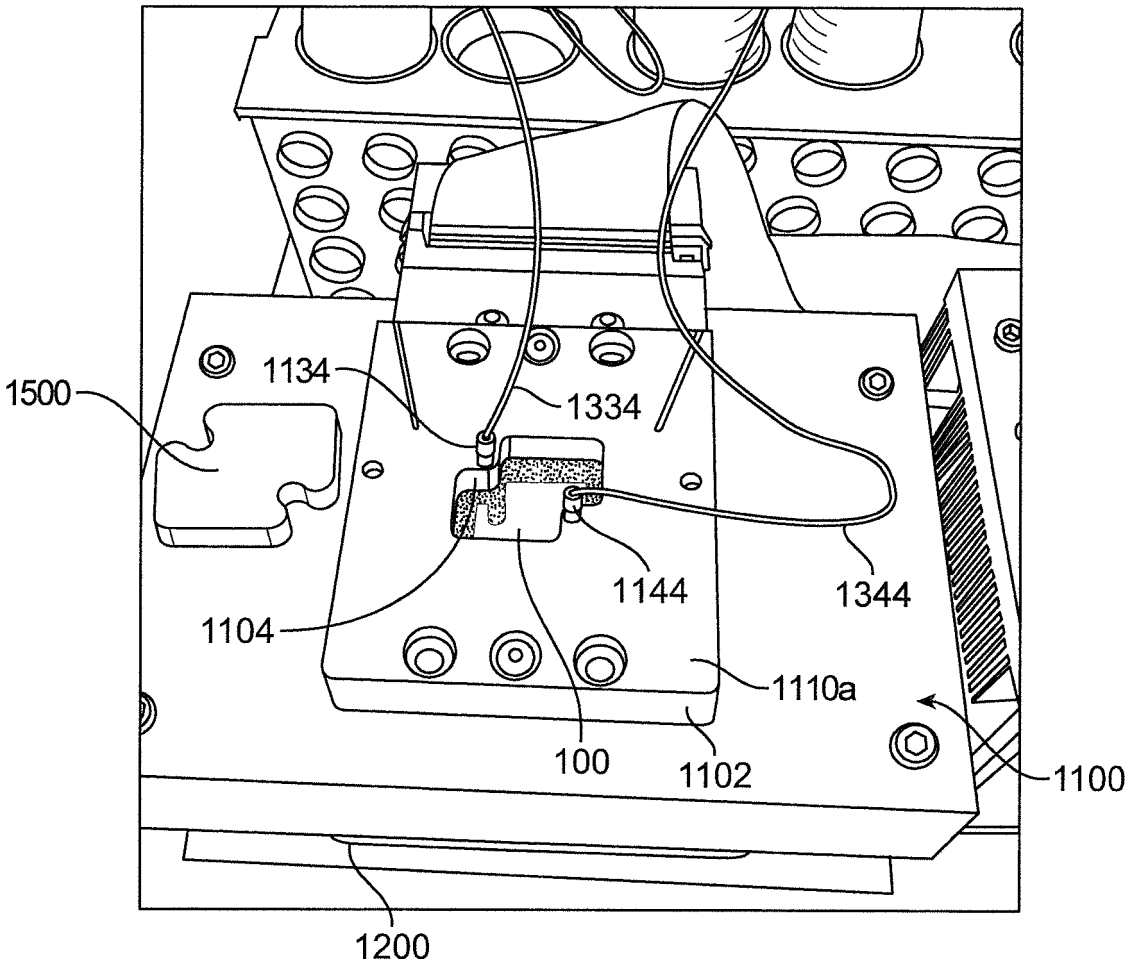
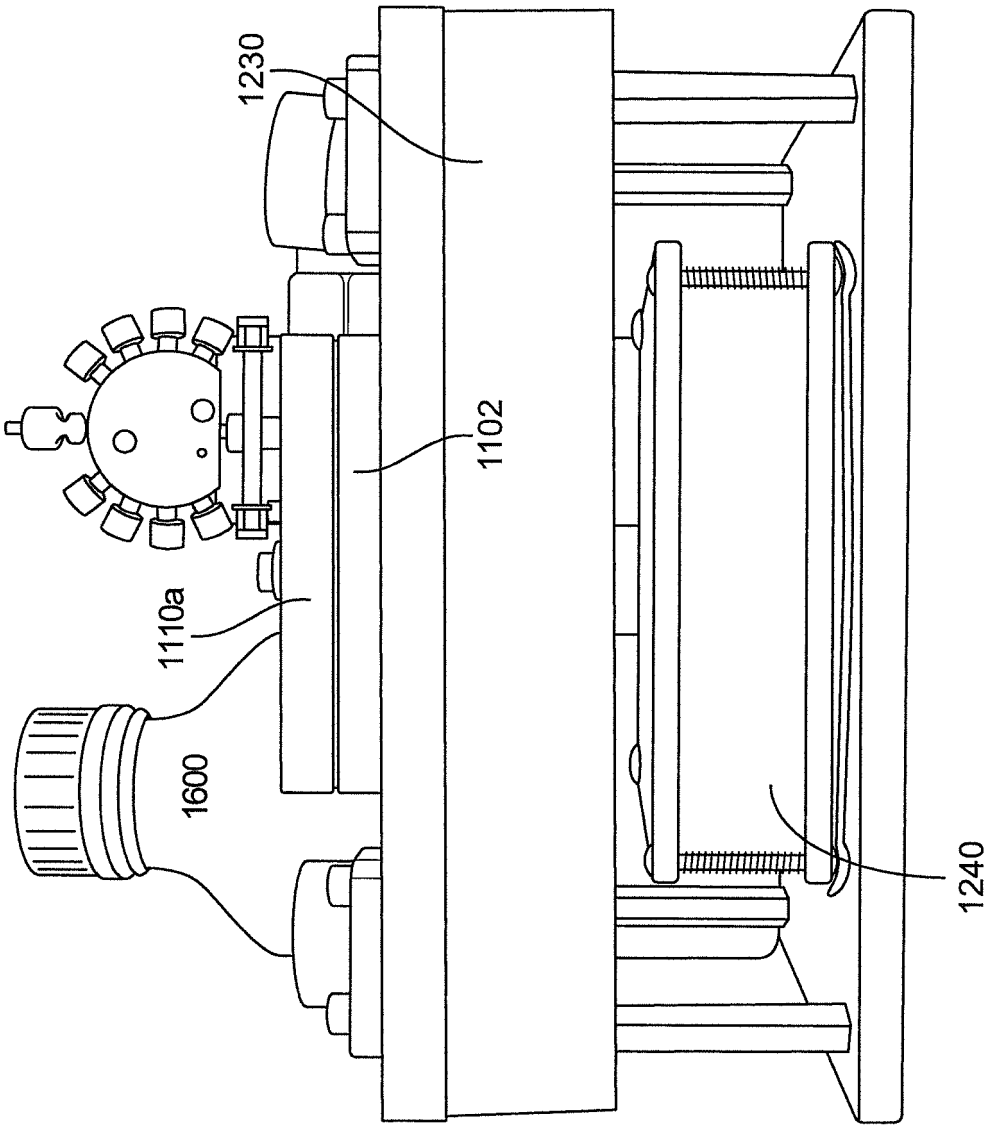



FIG. 8

FIG. 9



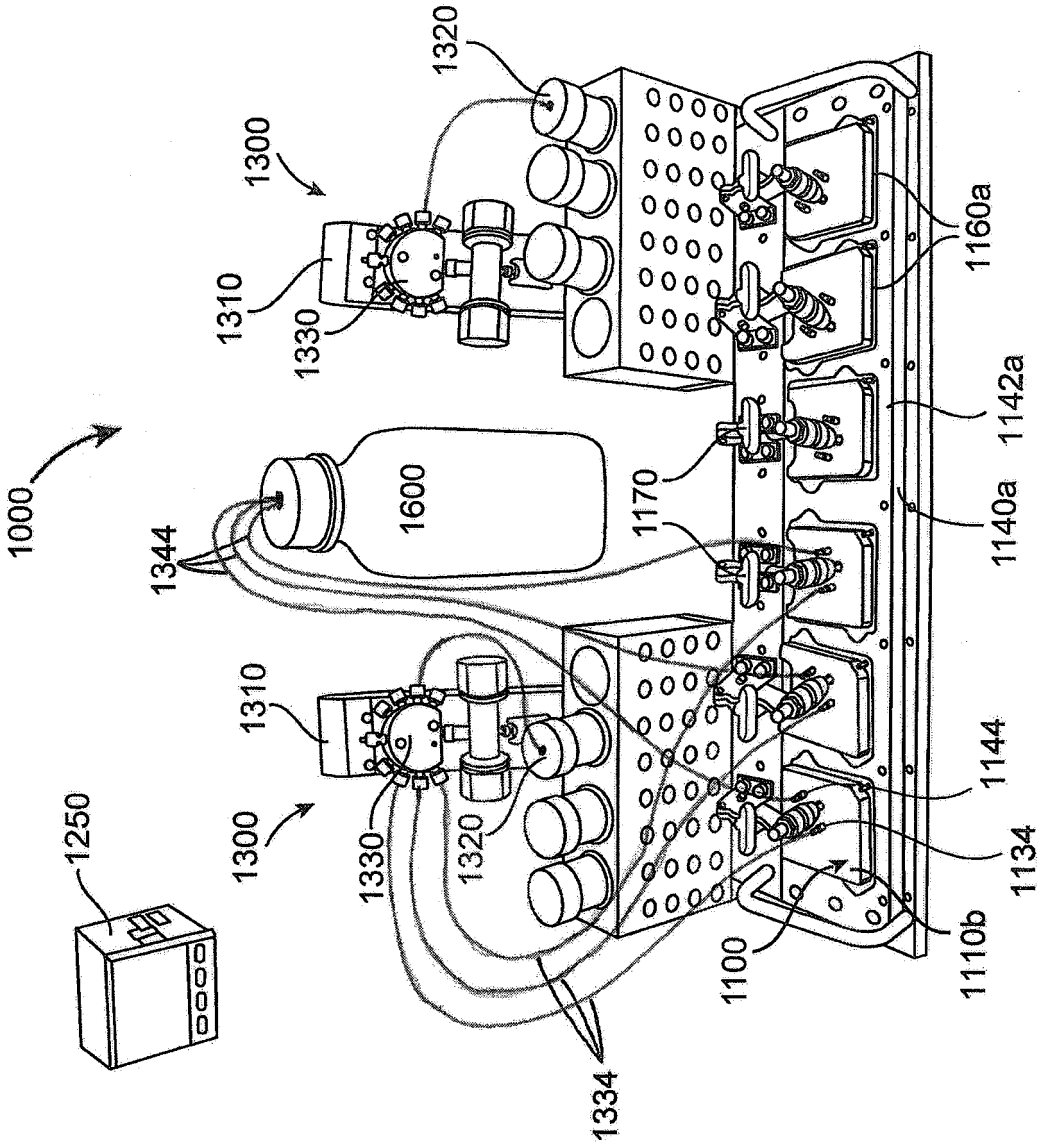

1000
1250
1300
1310
1320
1330
1334
1344
1600
1100
1110b
1134
1140a
1142a
1144
1160a
1170

FIG. 10

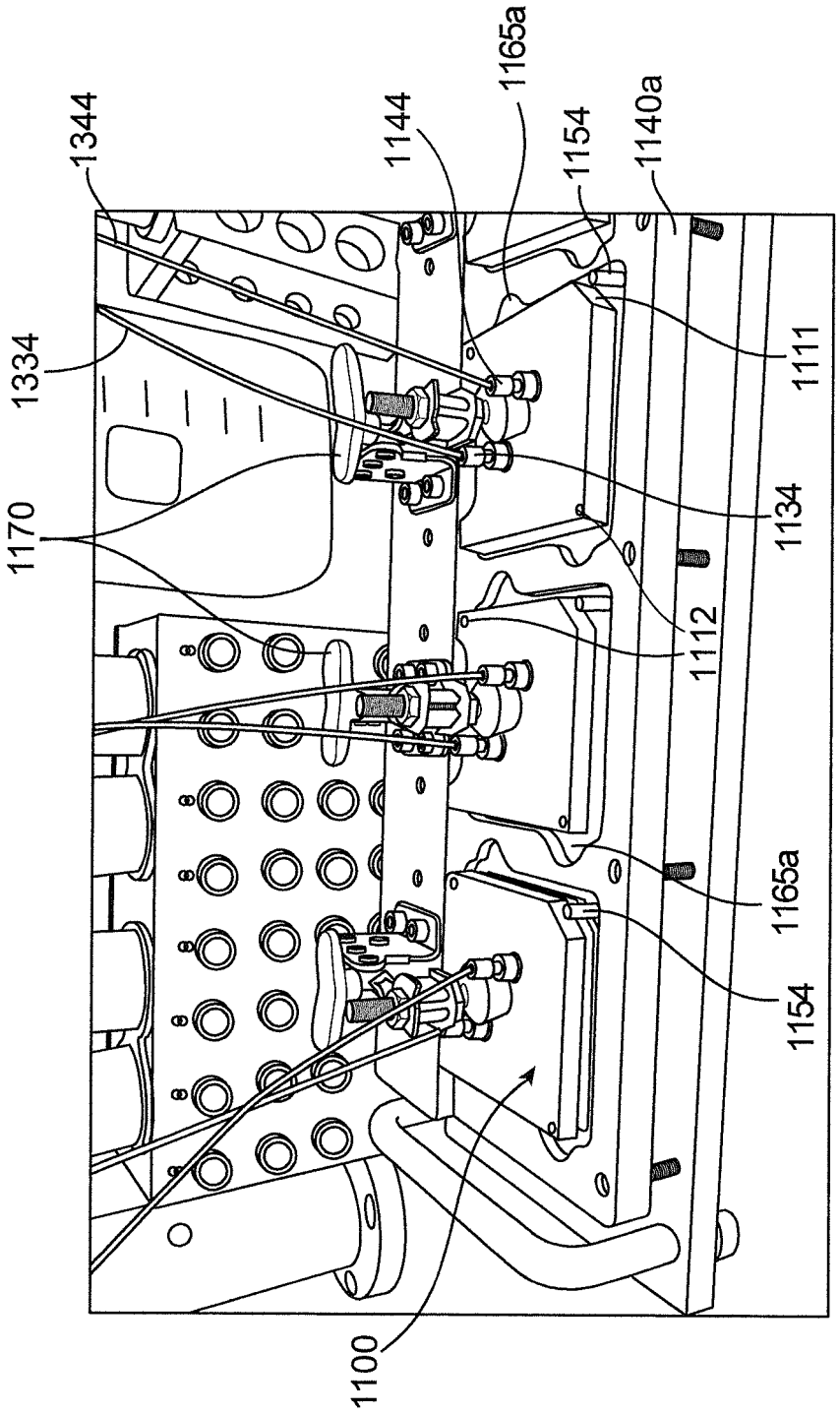

1344
1144
1165a
1154
1140a
1334
1111
1170
1134
1112
1165a
1154
1100

FIG. 11

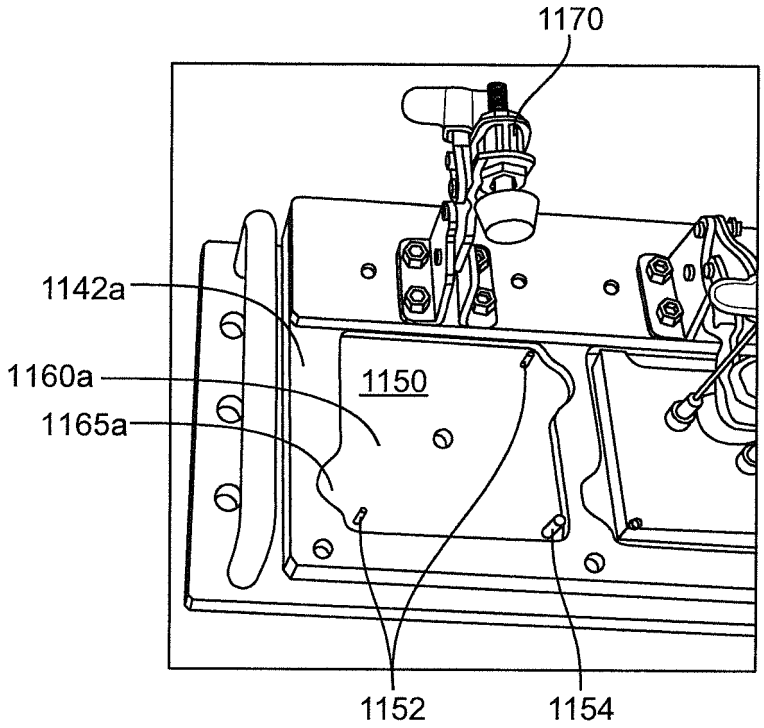

1170
1142a
1160a
1165a
1150
1152
1154

FIG. 12

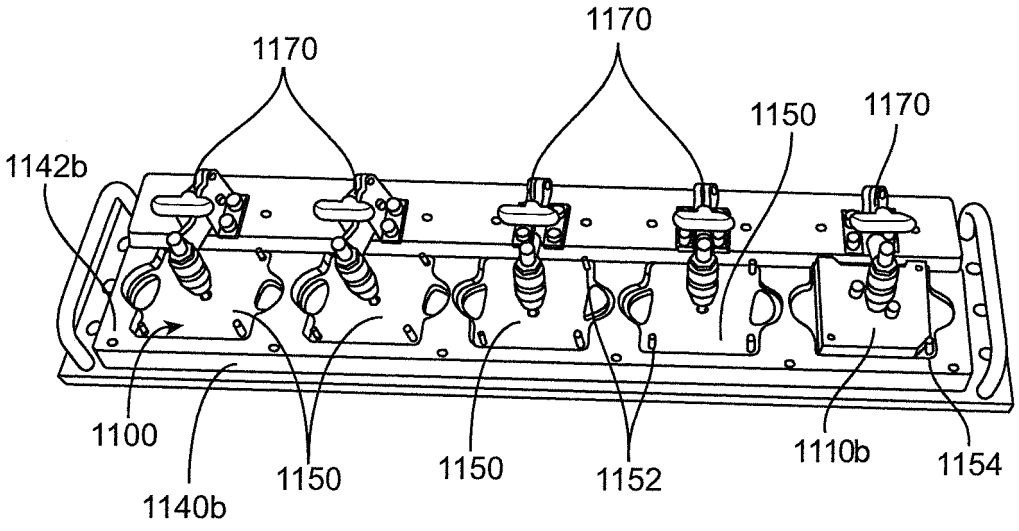

1170
1170
1170
1150
1142b
1100
1140b
1150
1150
1152
1110b
1154

FIG. 13

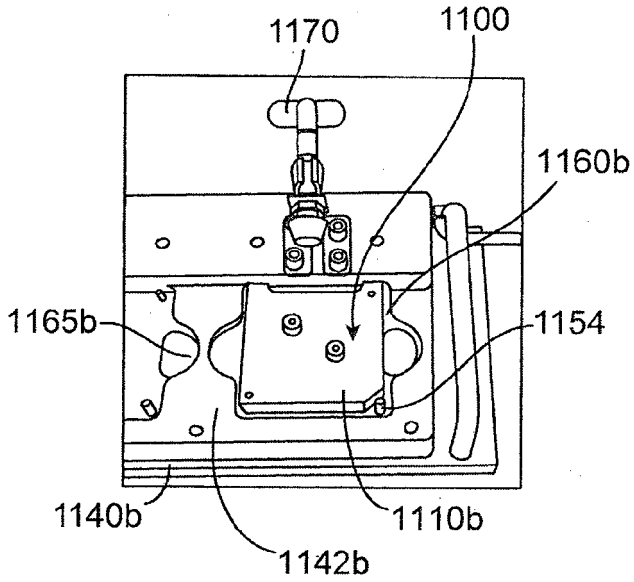

1170
1100
1160b
1165b
1154
1140b
1110b
1142b

FIG. 14

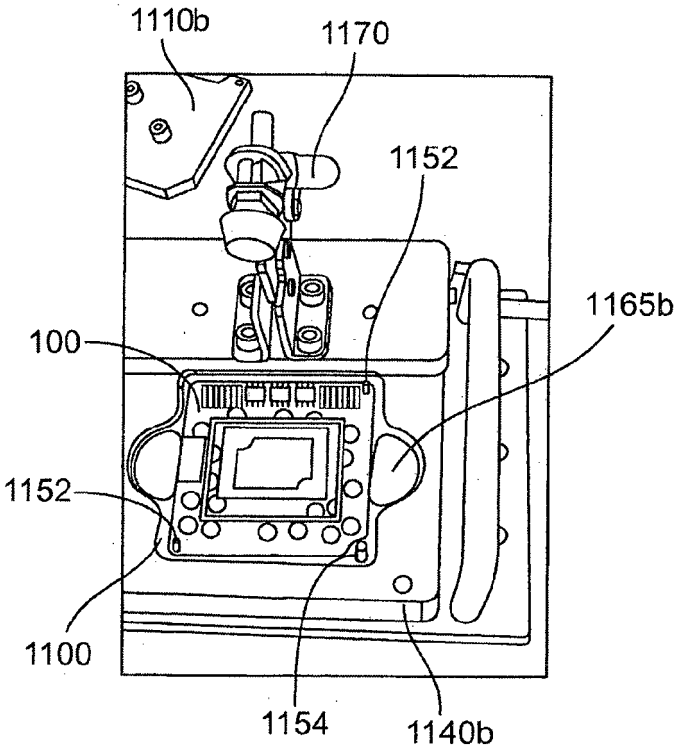

1110b
1170
1152
1165b
100
1152
1100
1154
1140b

FIG. 15