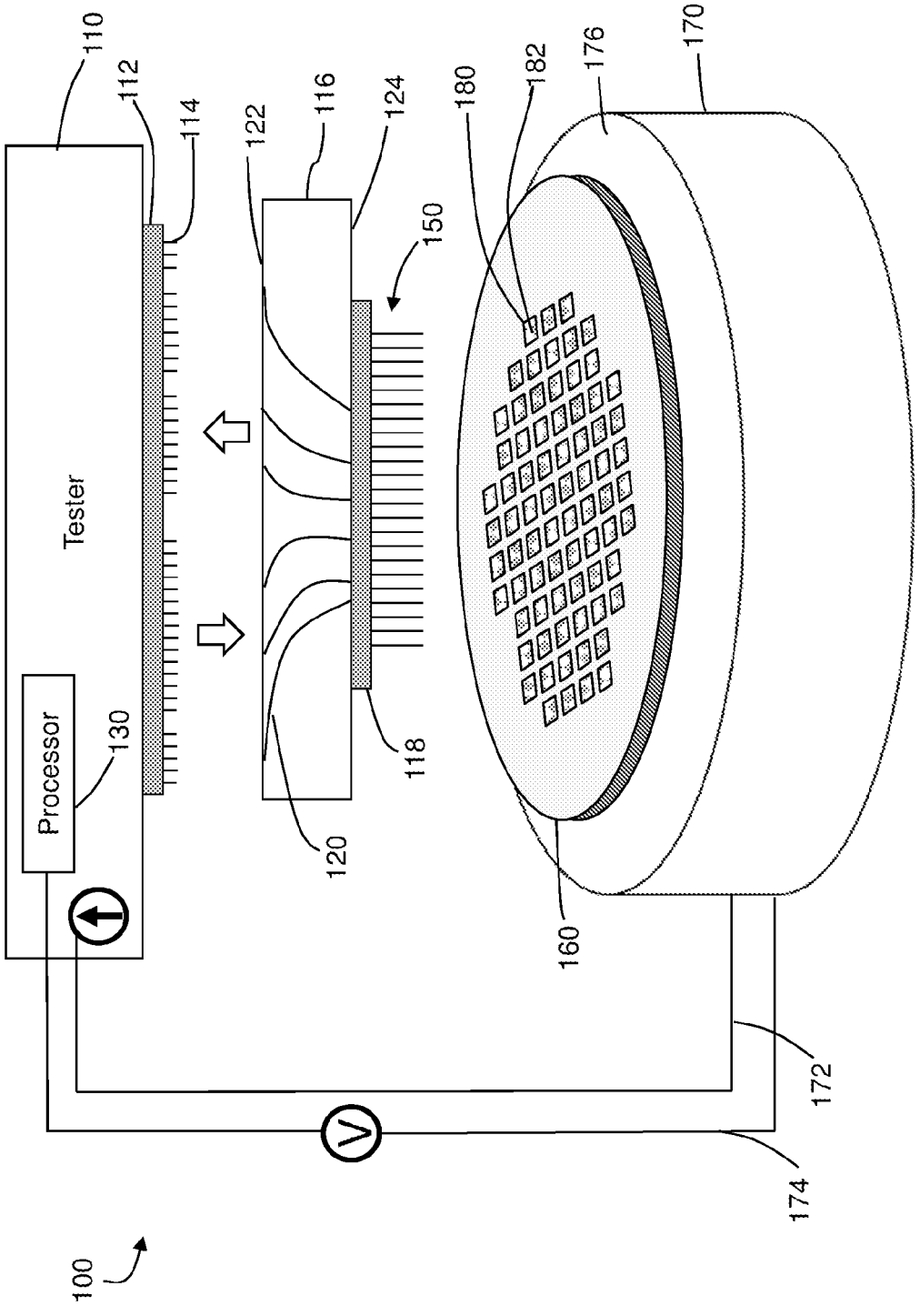
110
112
114
122
116
124
150
180
182
176
170
Tester
Processor
130
118
120
160
172
174
100

FIG. 1

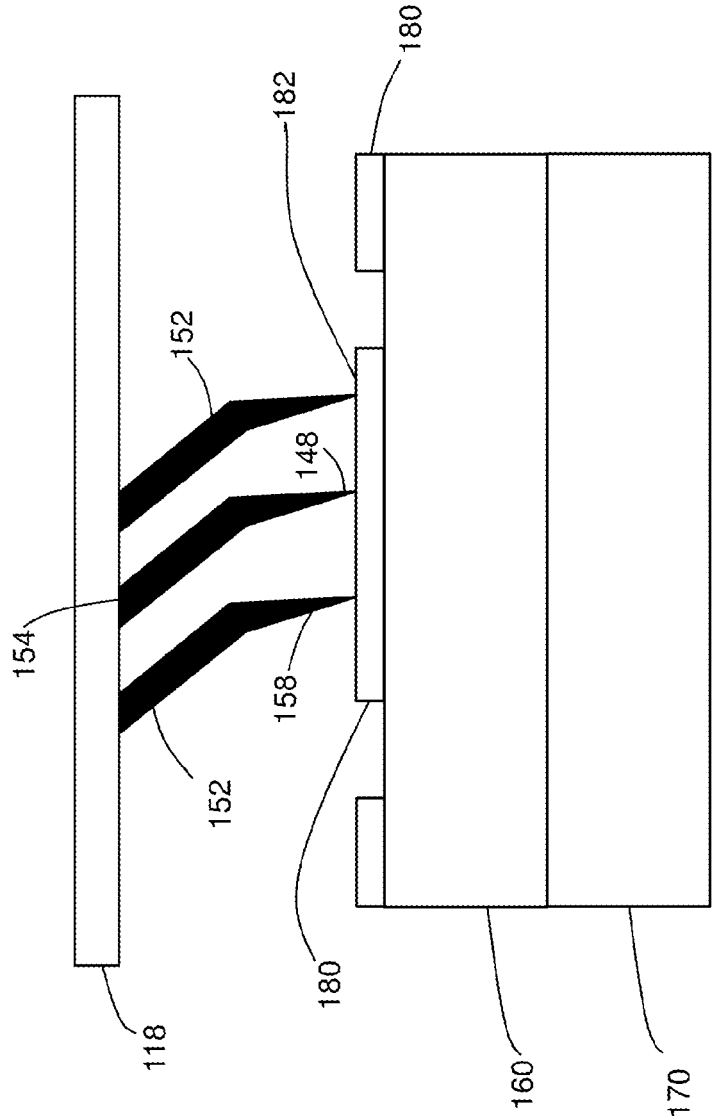

FIG. 2

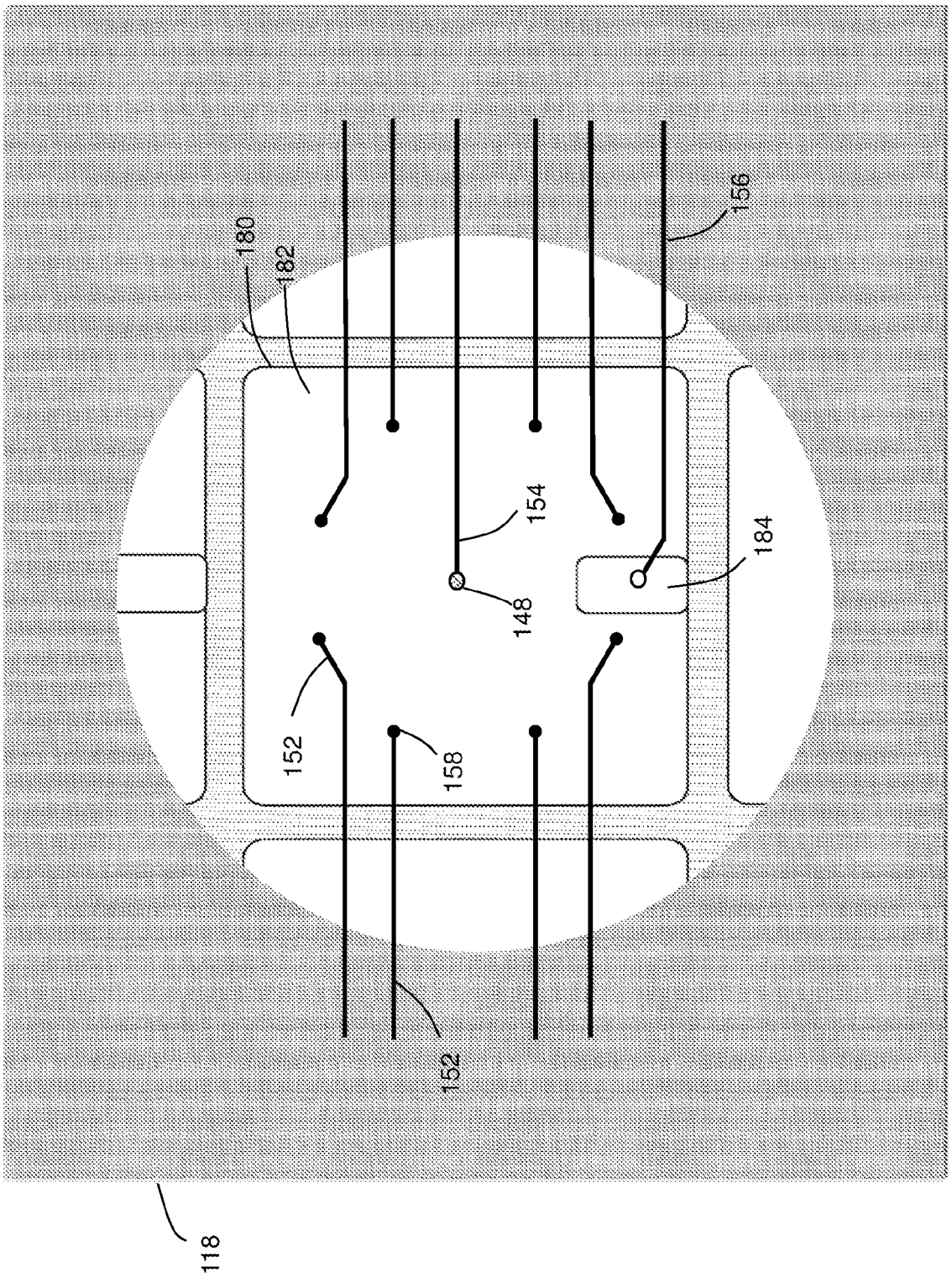

FIG. 3

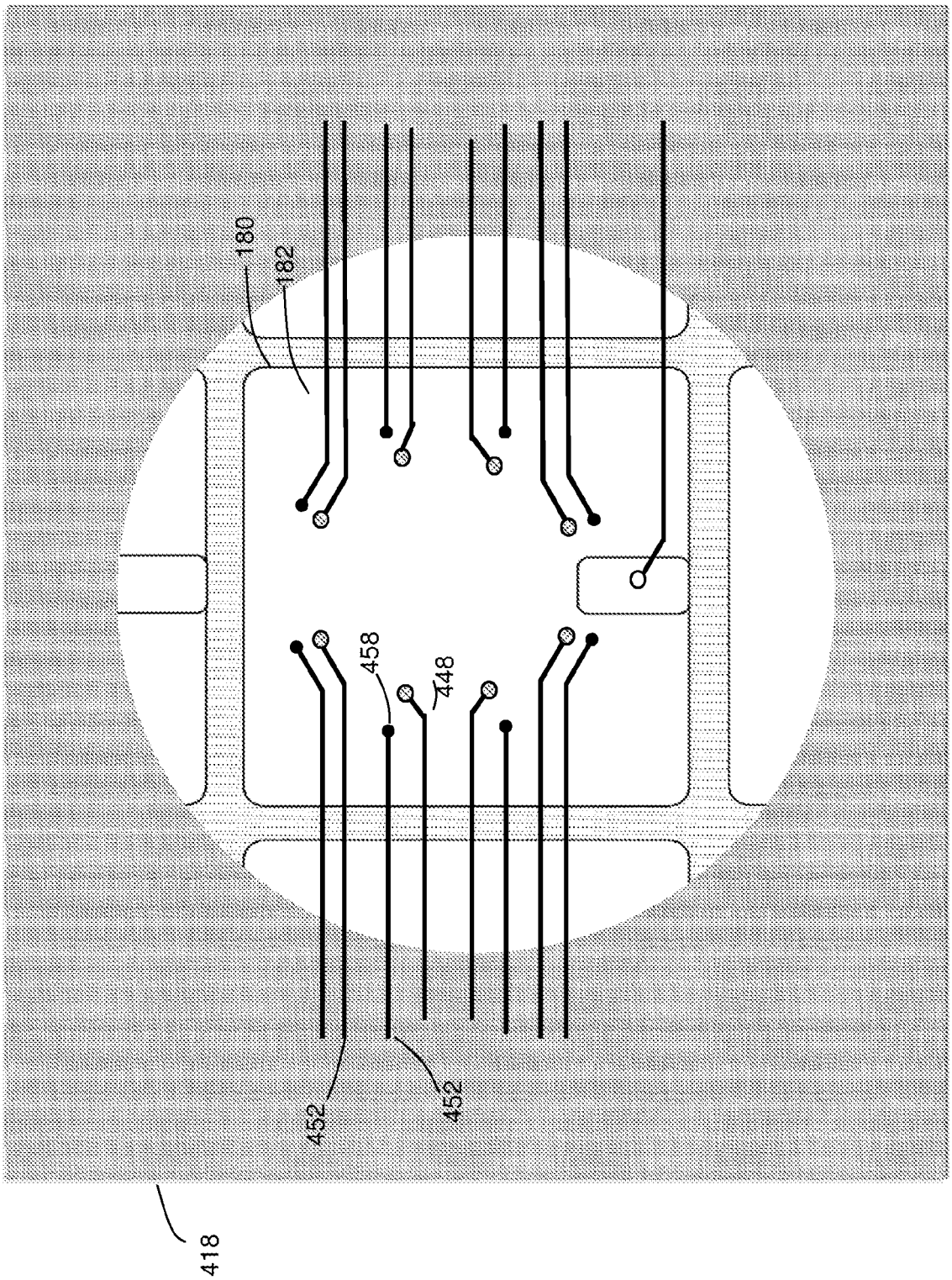

FIG. 4

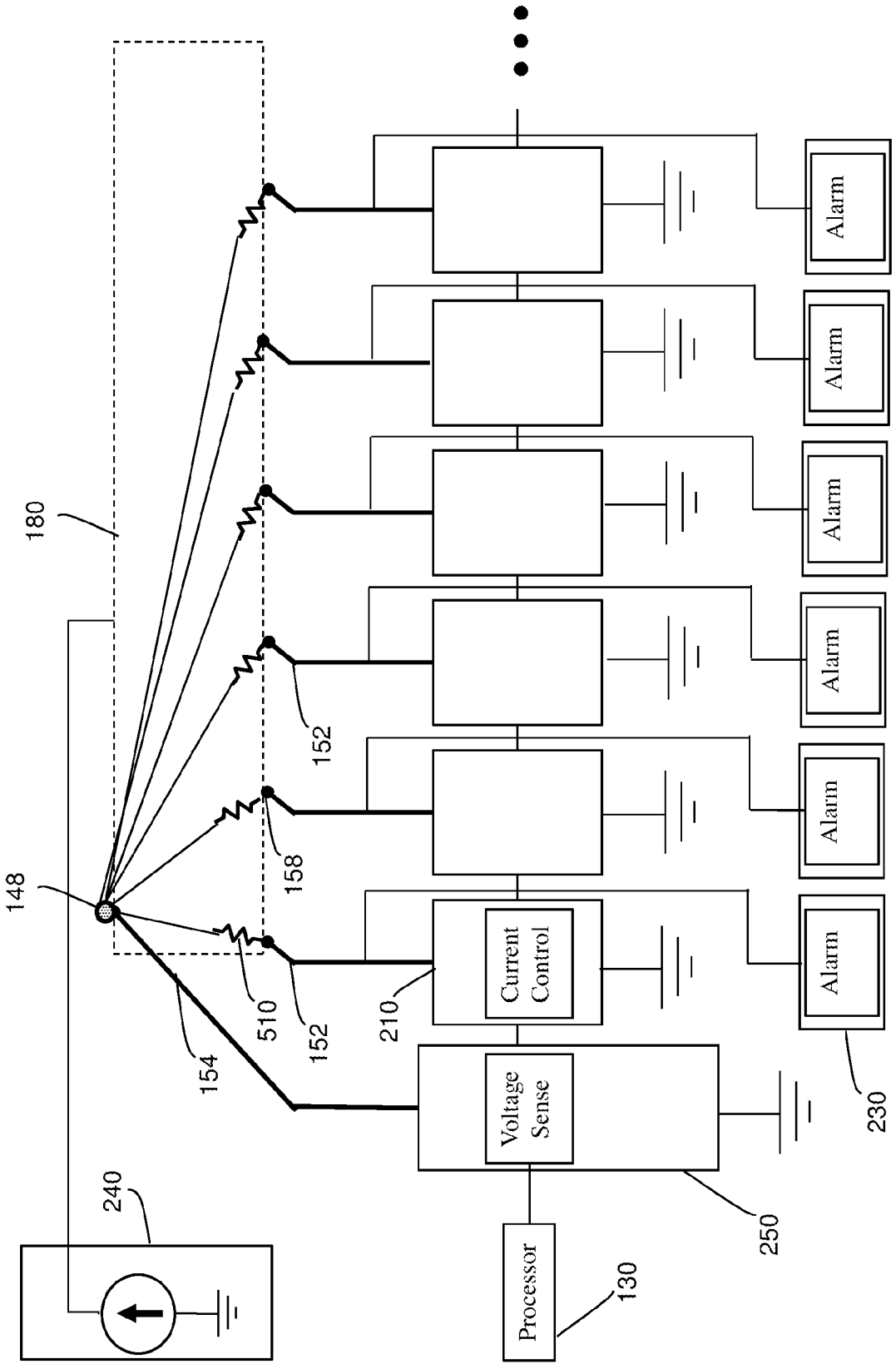
180
148
158
152
154
510
152
210
Current Control
Voltage Sense
Alarm
Alarm
Alarm
Alarm
Alarm
Alarm
230
240
250
Processor
130

FIG. 5

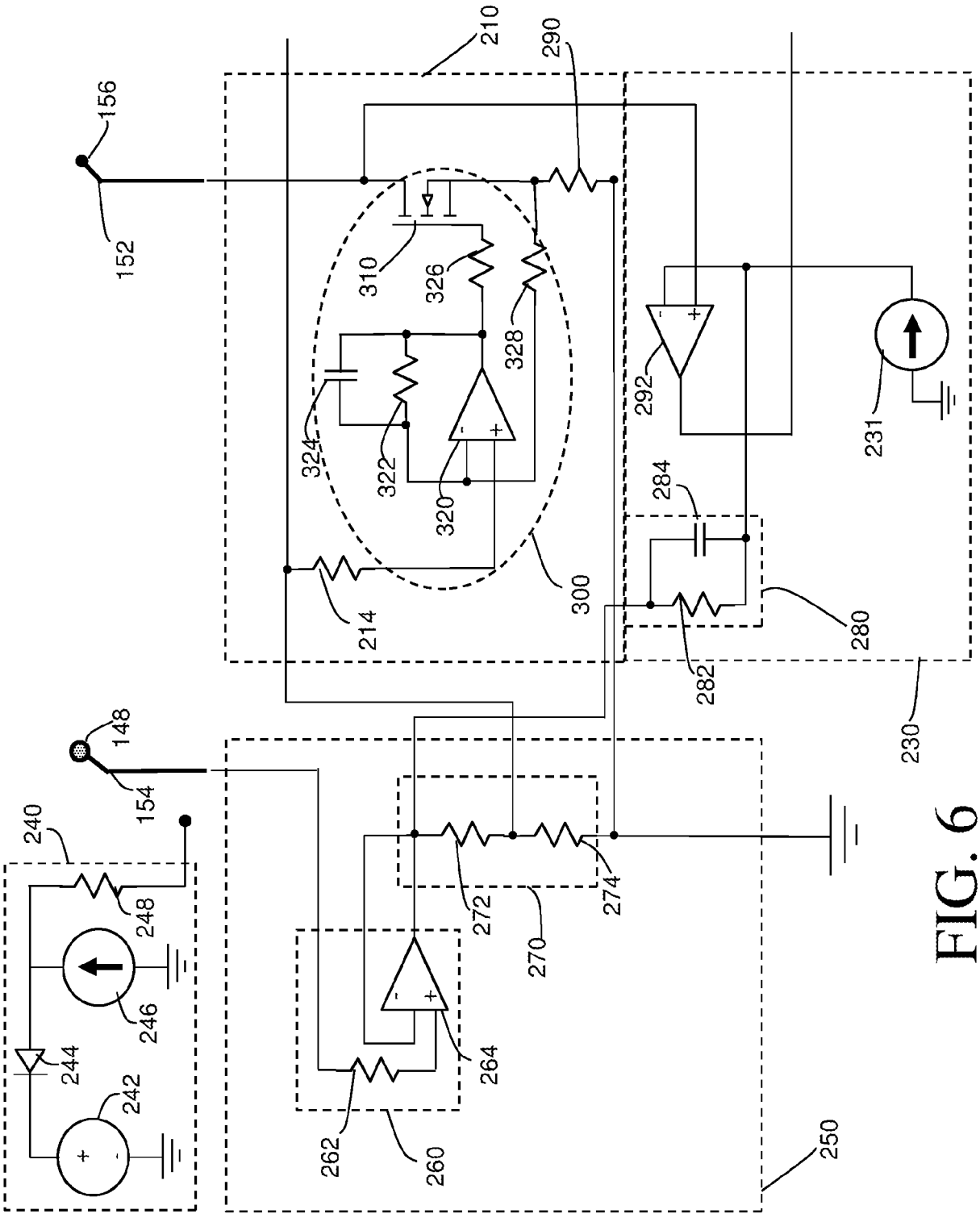
210
290
156
152
310
326
328
324
322
320
300
214
292
231
284
280
282
230
148
154
240
248
246
244
242
272
274
270
264
262
260
250

FIG. 6

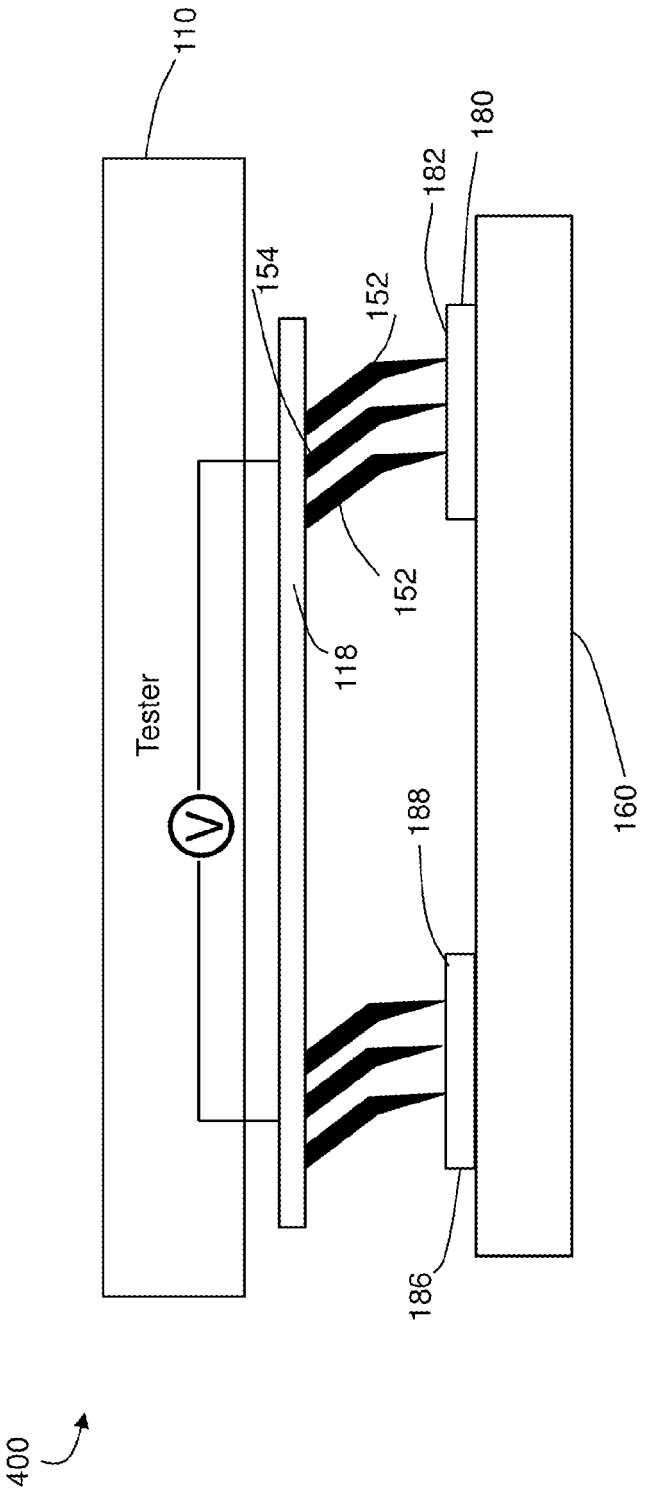

FIG. 7