FIG. 1

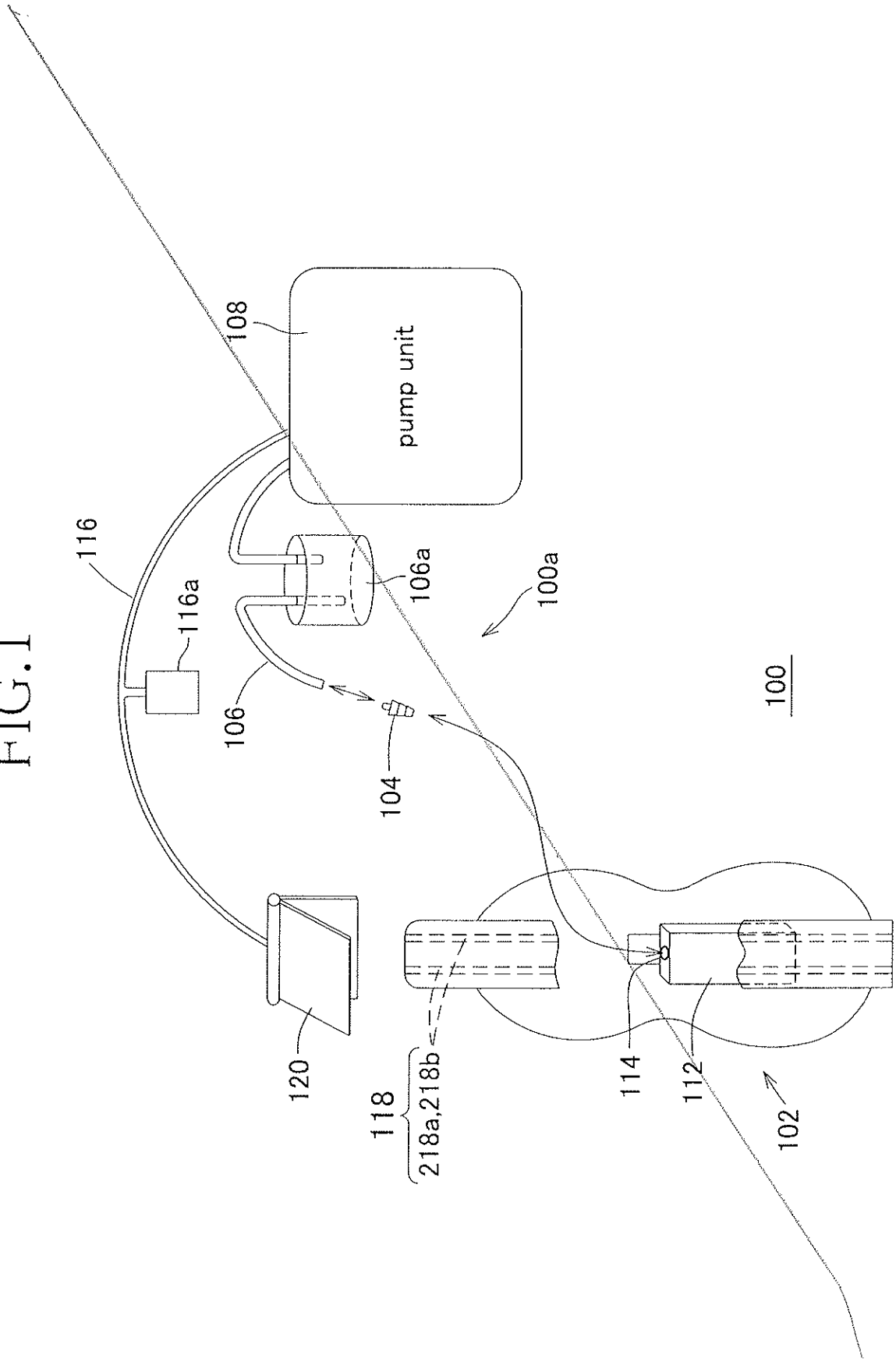

pump unit
108
116
116a
106a
100a
106
104
100
120
118
218a,218b
114
112
102

FIG.2

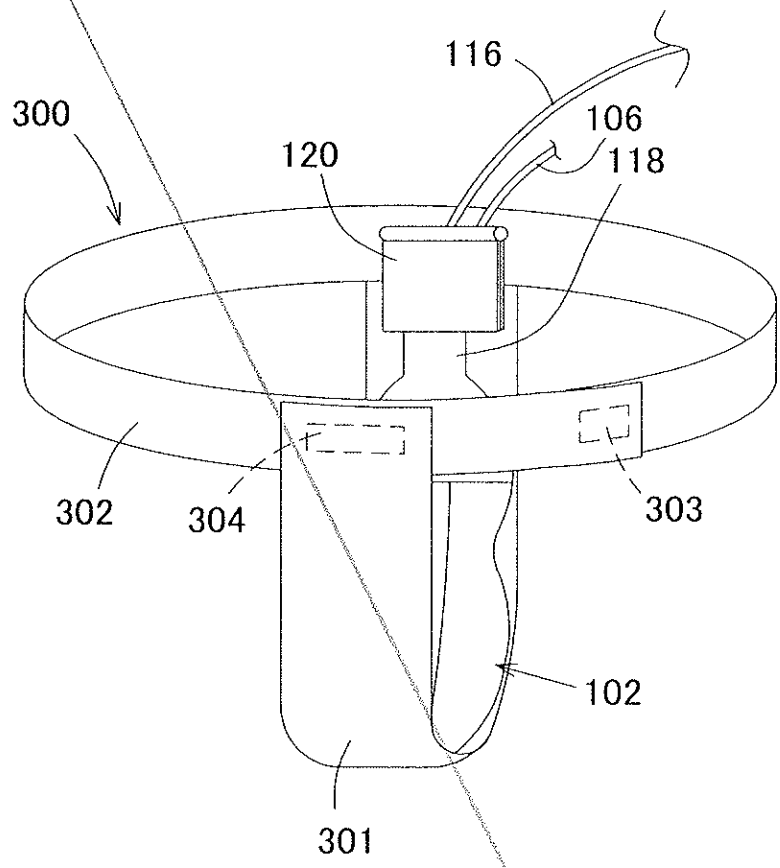


FIG.3

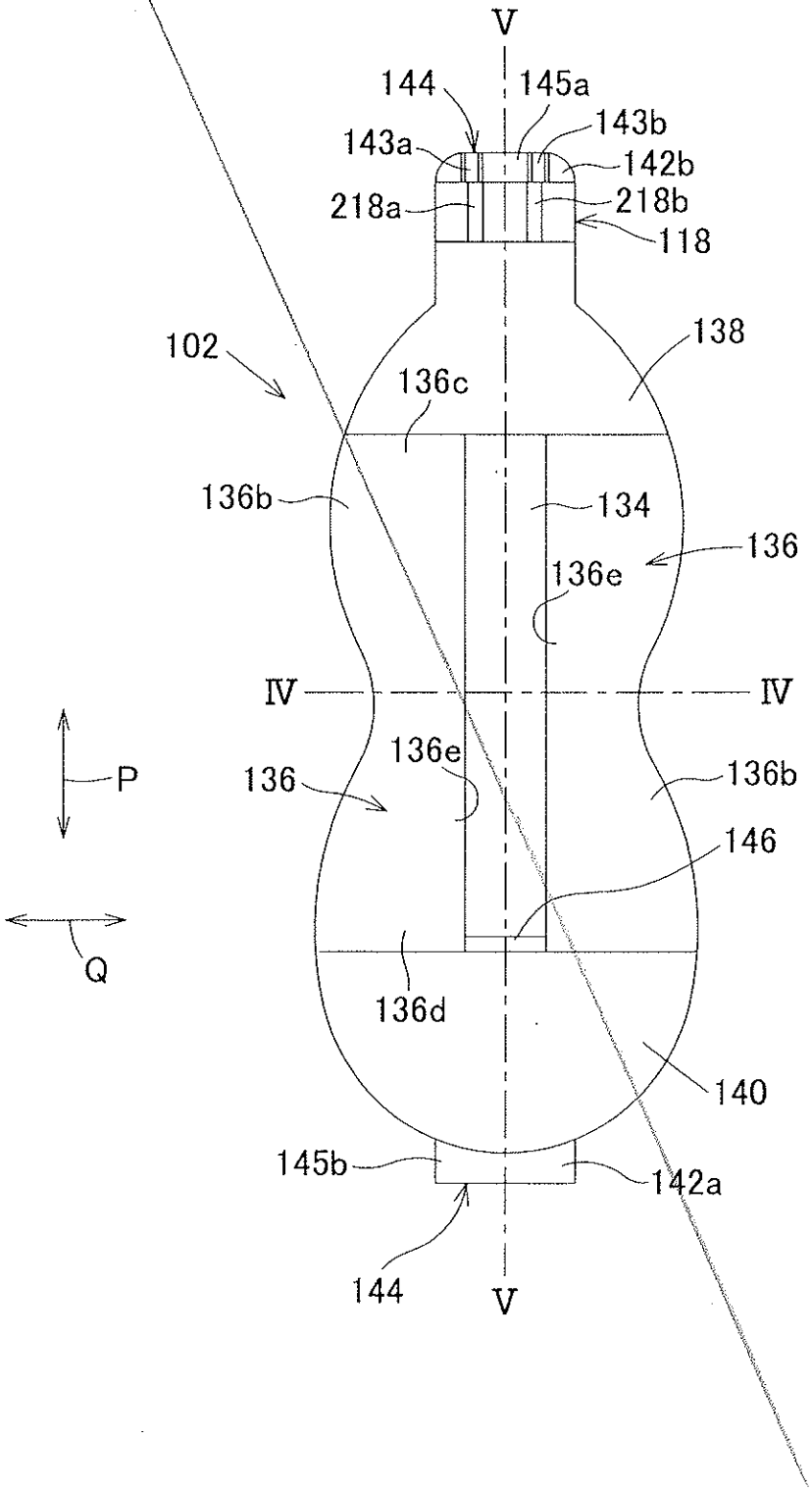

V
144
145a
143b
143a
142b
218a
218b
118
102
138
136c
136b
134
136
136e
IV
IV
P
136
136e
136b
146
Q
136d
140
145b
142a
144
V

FIG.4

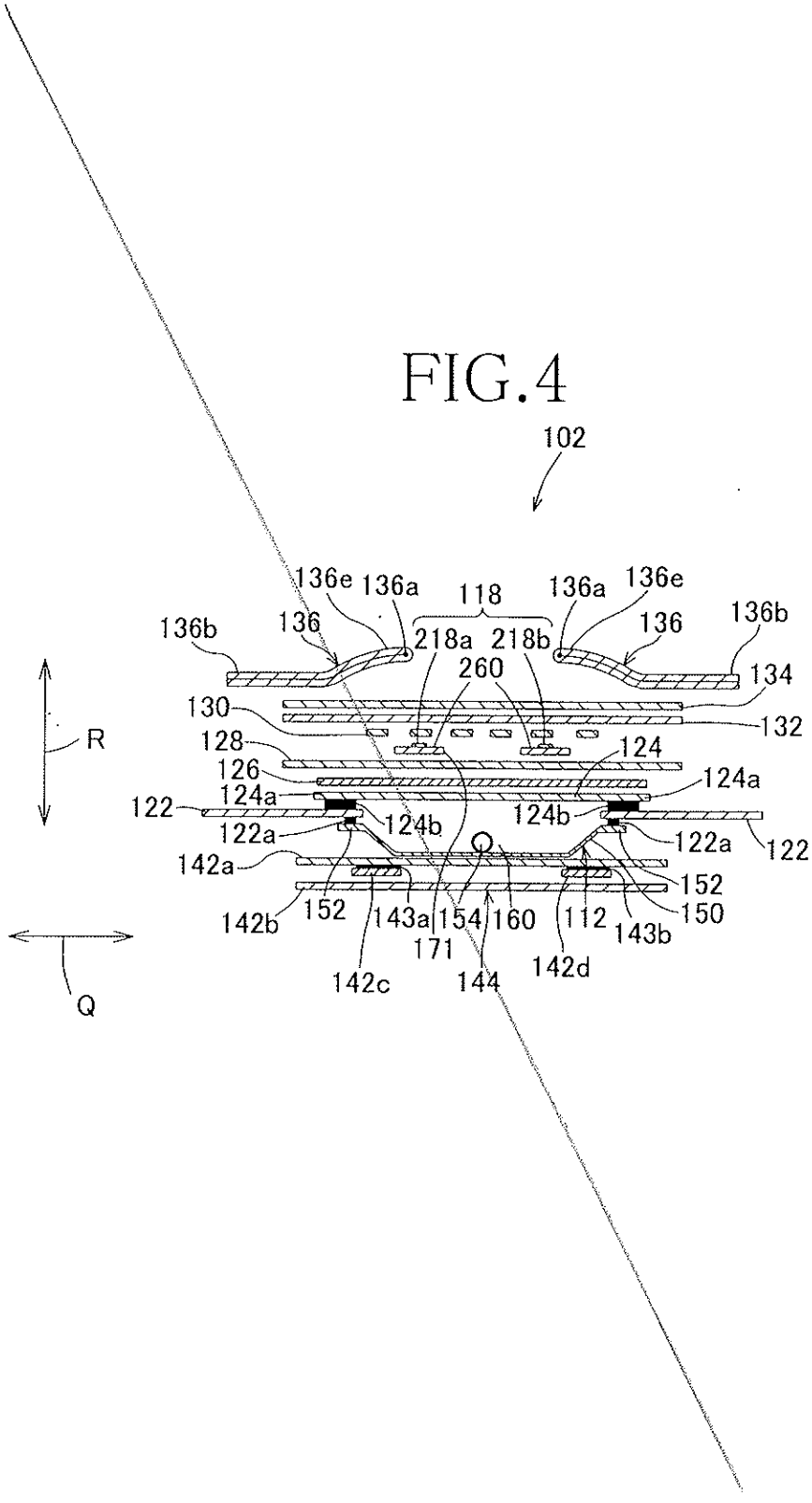

102
136e
136a
118
136a
136e
136b
136
218a
218b
136
136b
260
134
130
132
128
124
126
124a
124a
122
124b
124b
122a
122a
122
142a
152
142b
152
143a
154
160
112
143b
150
171
142c
144
142d
R
Q

FIG.5

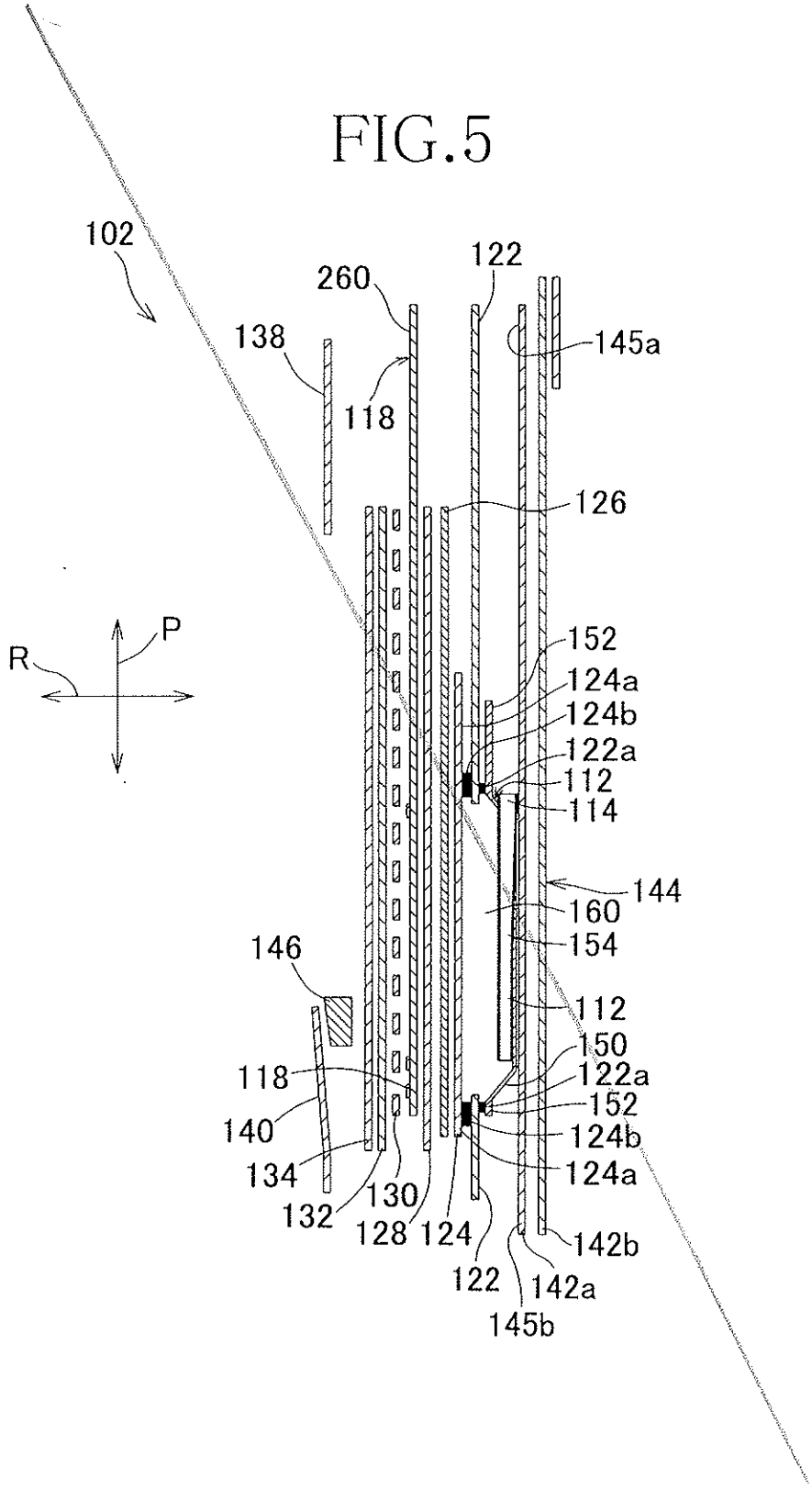

102
260
122
138
145a
118
126
P
R
152
124a
124b
122a
112
114
144
160
154
146
112
150
118
122a
152
140
124b
134
124a
132
130
128
124
122
142b
142a
145b

FIG.6

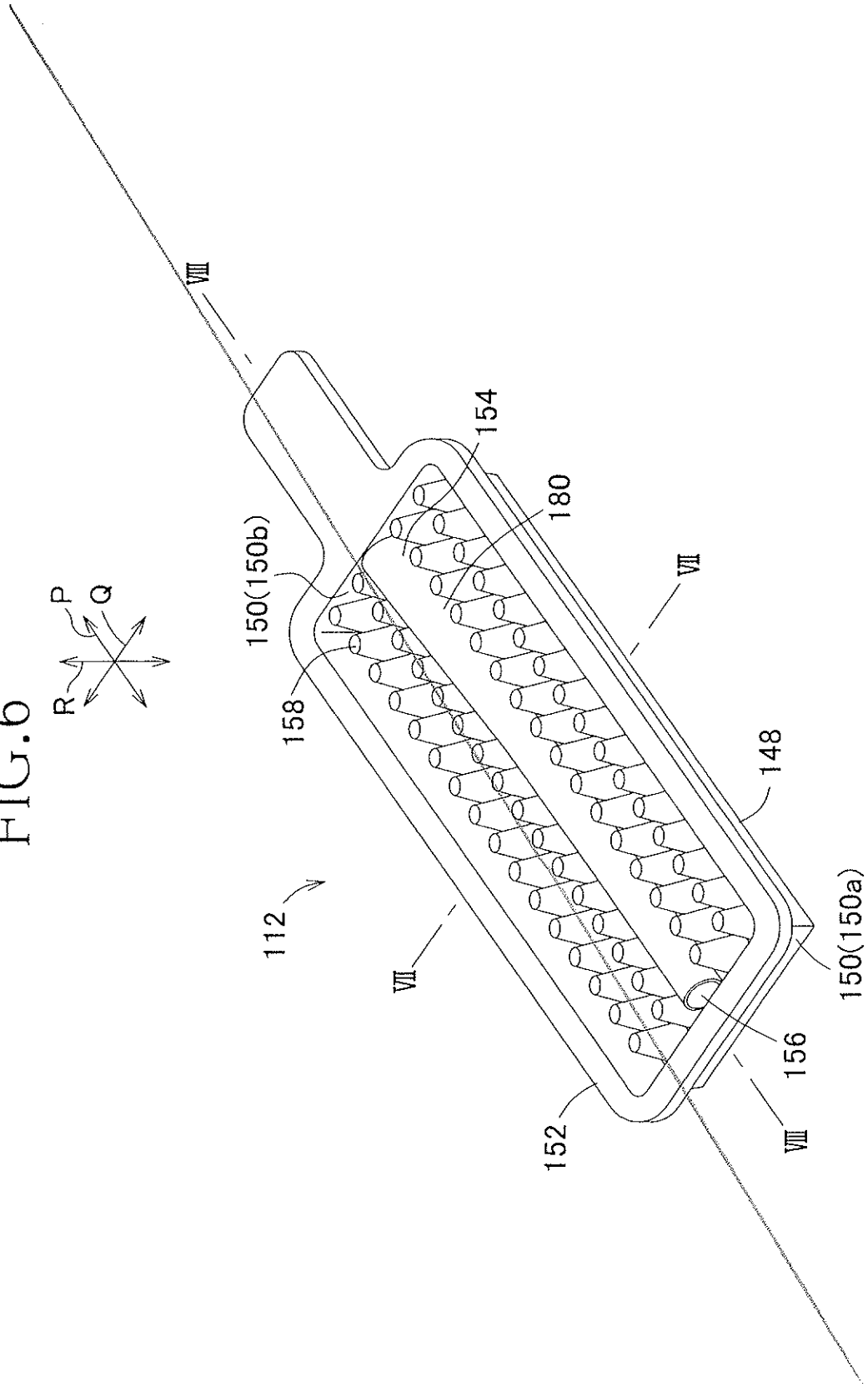

P
Q
R
VIII
154
180
150(150b)
158
VII
148
112
VII
150(150a)
156
152
VIII

FIG.7

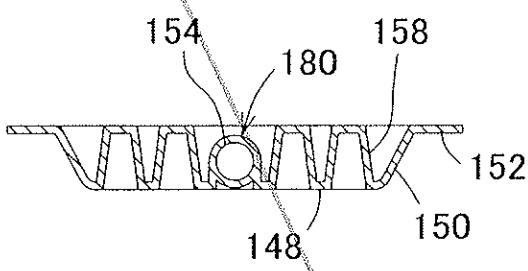


FIG.8

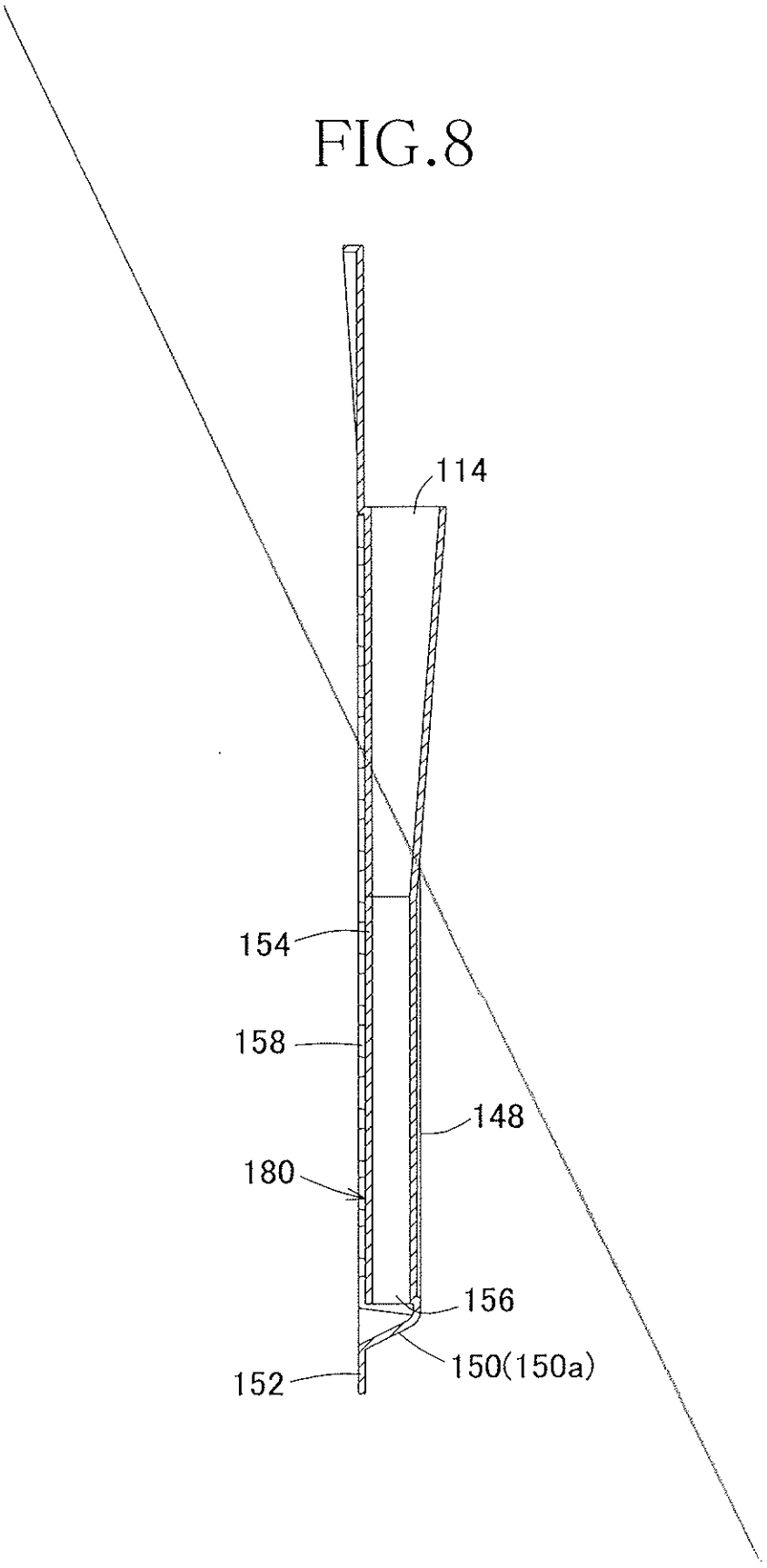


FIG.9

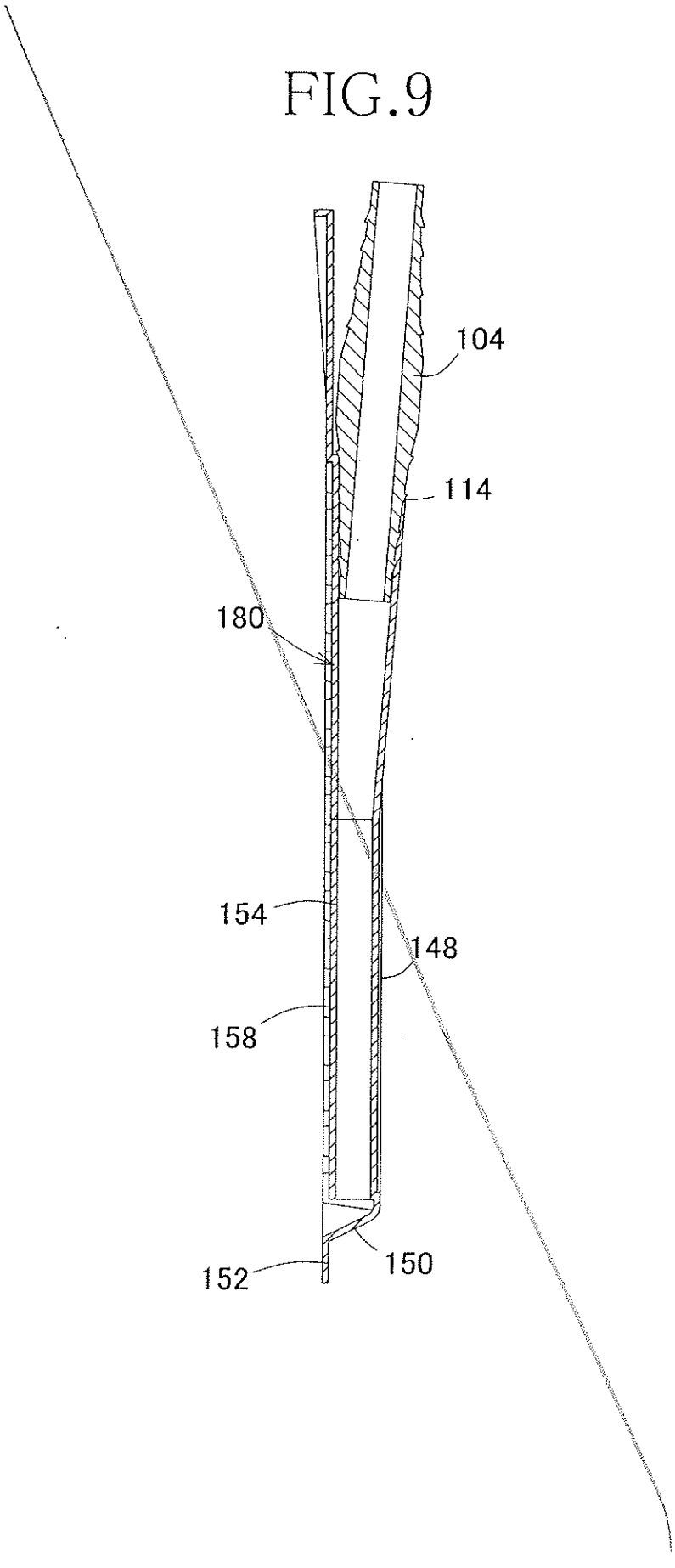


FIG.10

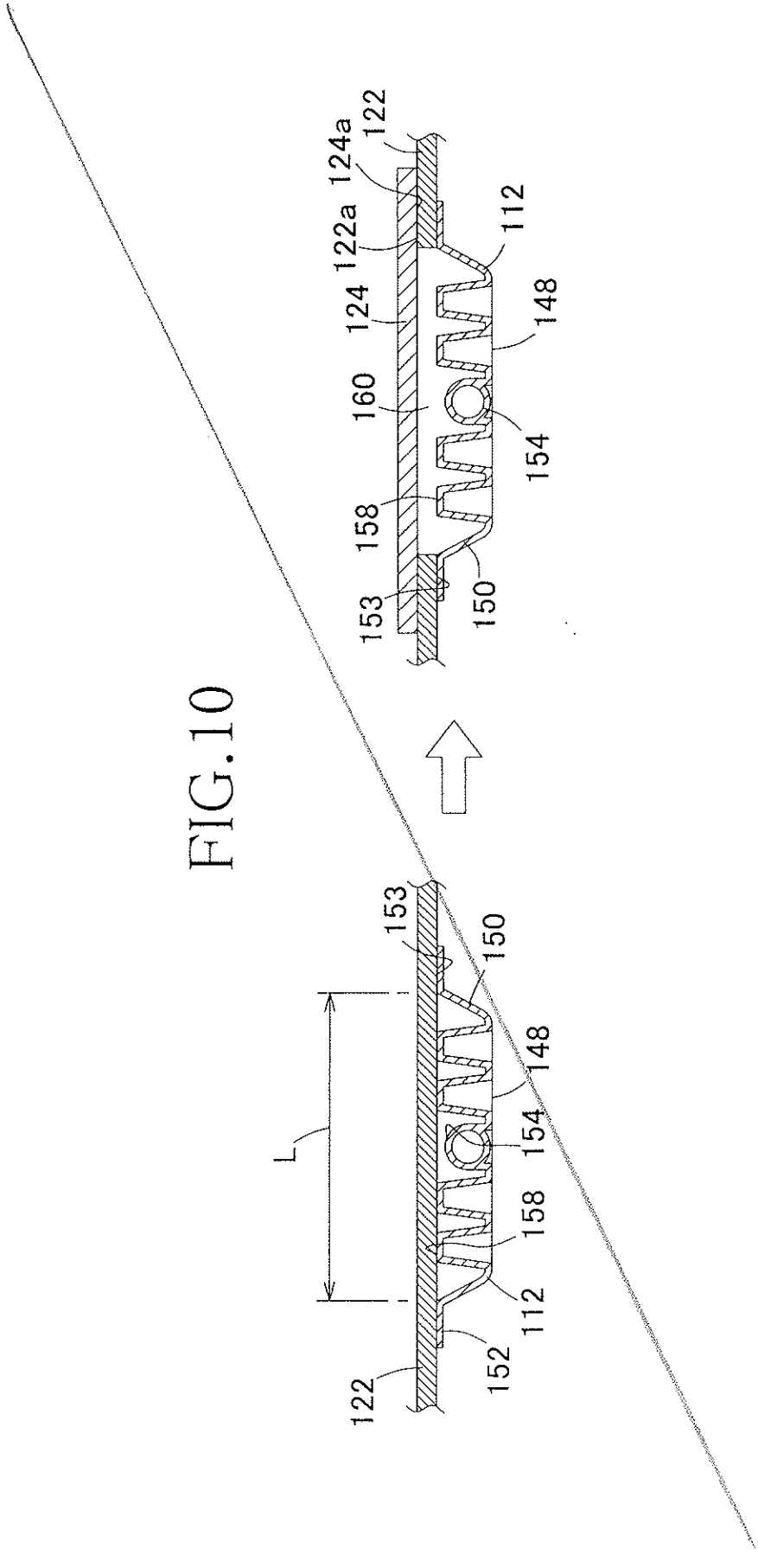


FIG.11

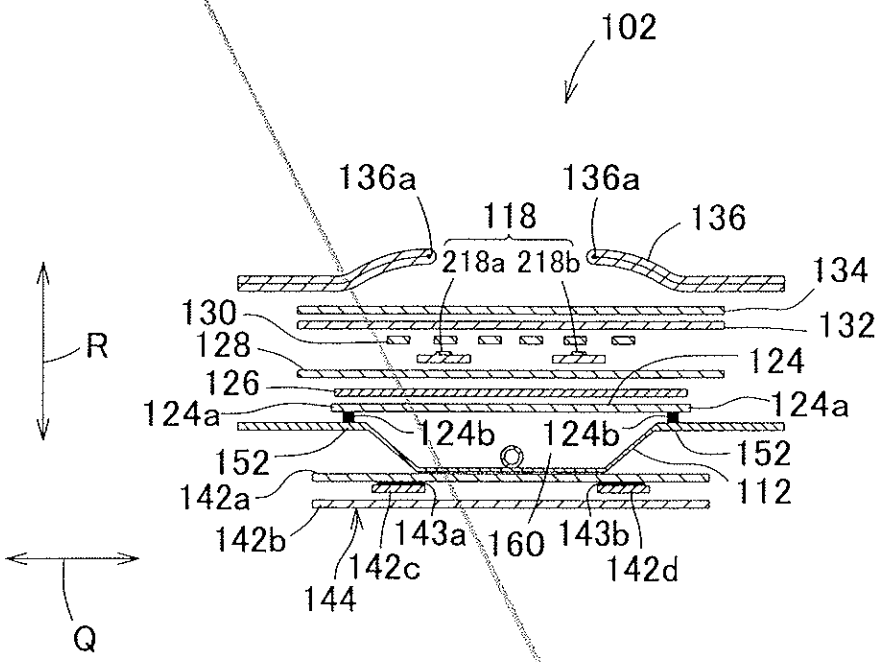

102
136a
136a
118
136
218a
218b
134
130
132
128
124
126
124a
124a
124b
124b
152
152
112
142a
142b
143a
160
143b
142c
142d
144
R
Q

FIG.12

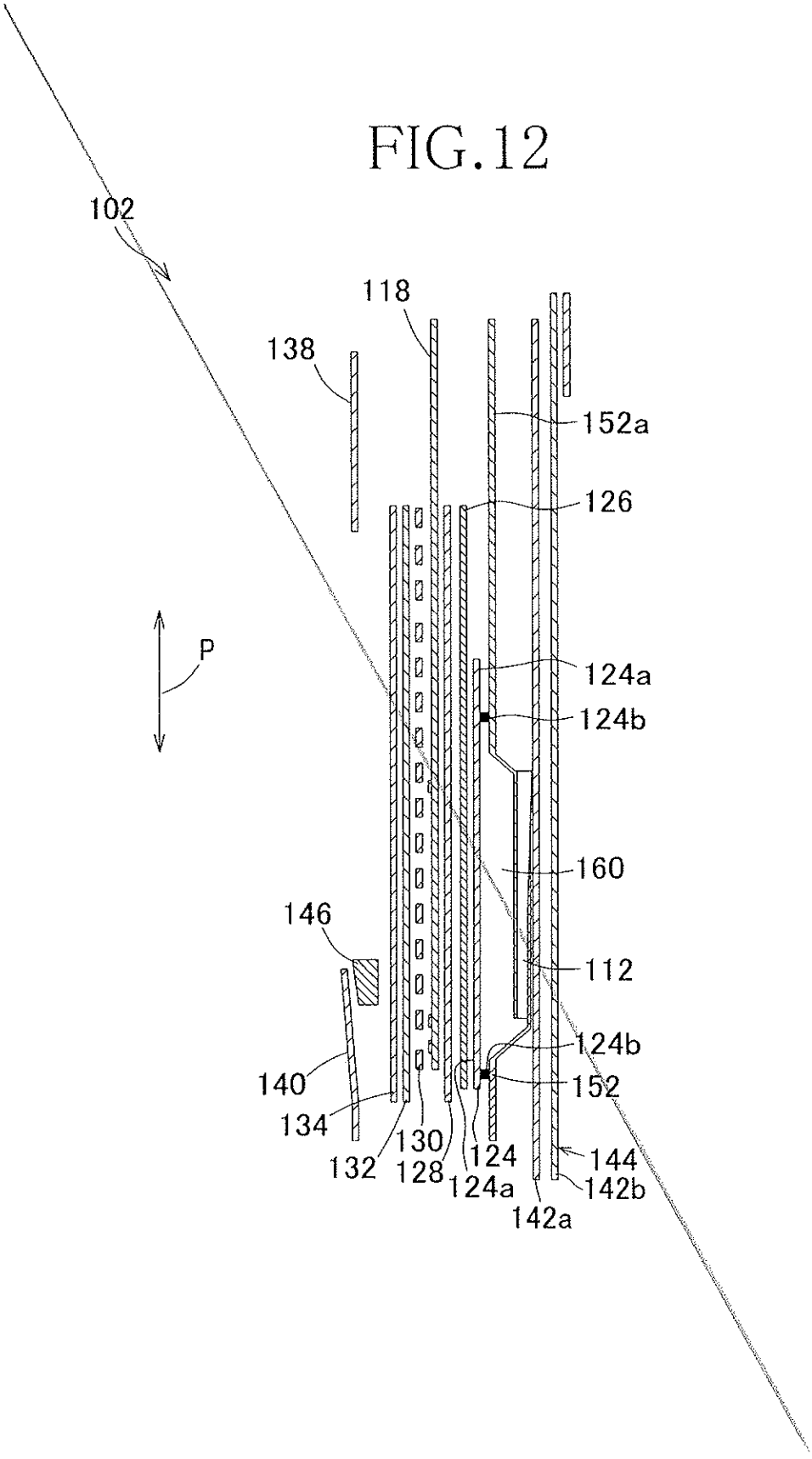

102
118
138
152a
126
P
124a
124b
160
146
112
124b
140
152
134
130
124
144
132
128
124a
142b
142a

FIG.13

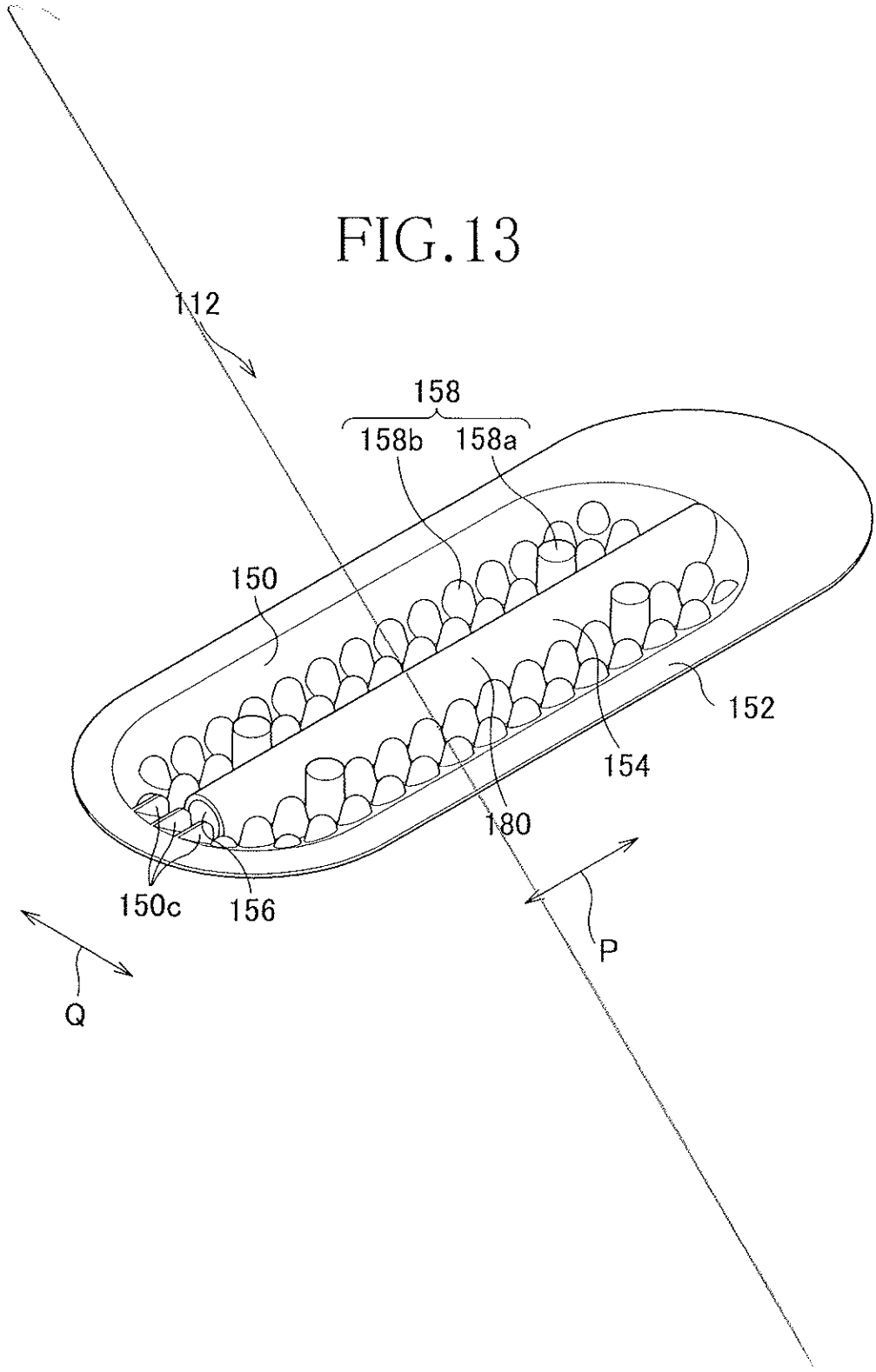


FIG.14

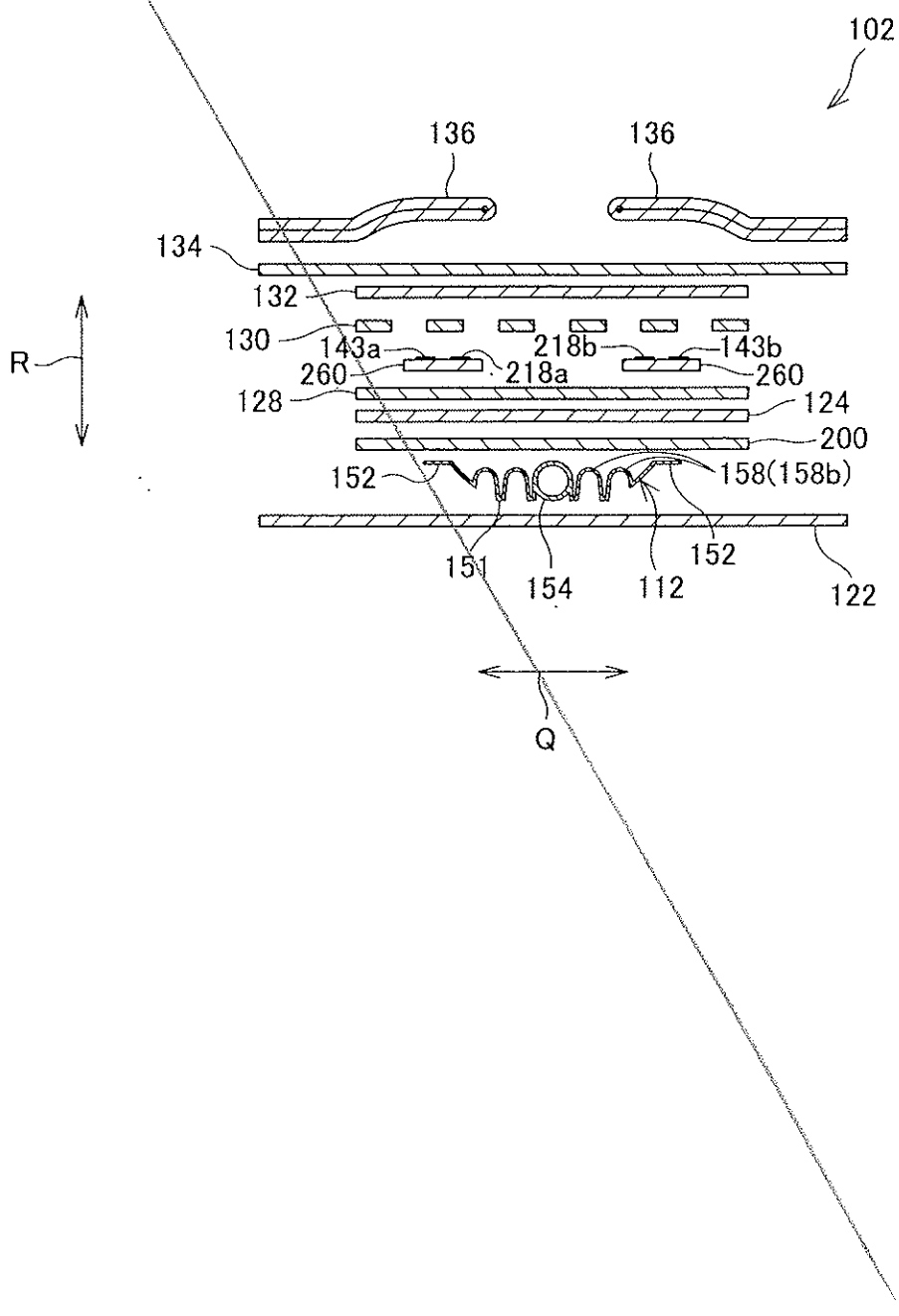

102
136
136
134
132
130
143a
218b
143b
260
218a
260
128
124
200
152
158(158b)
152
151
154
112
122
R
Q

FIG.15

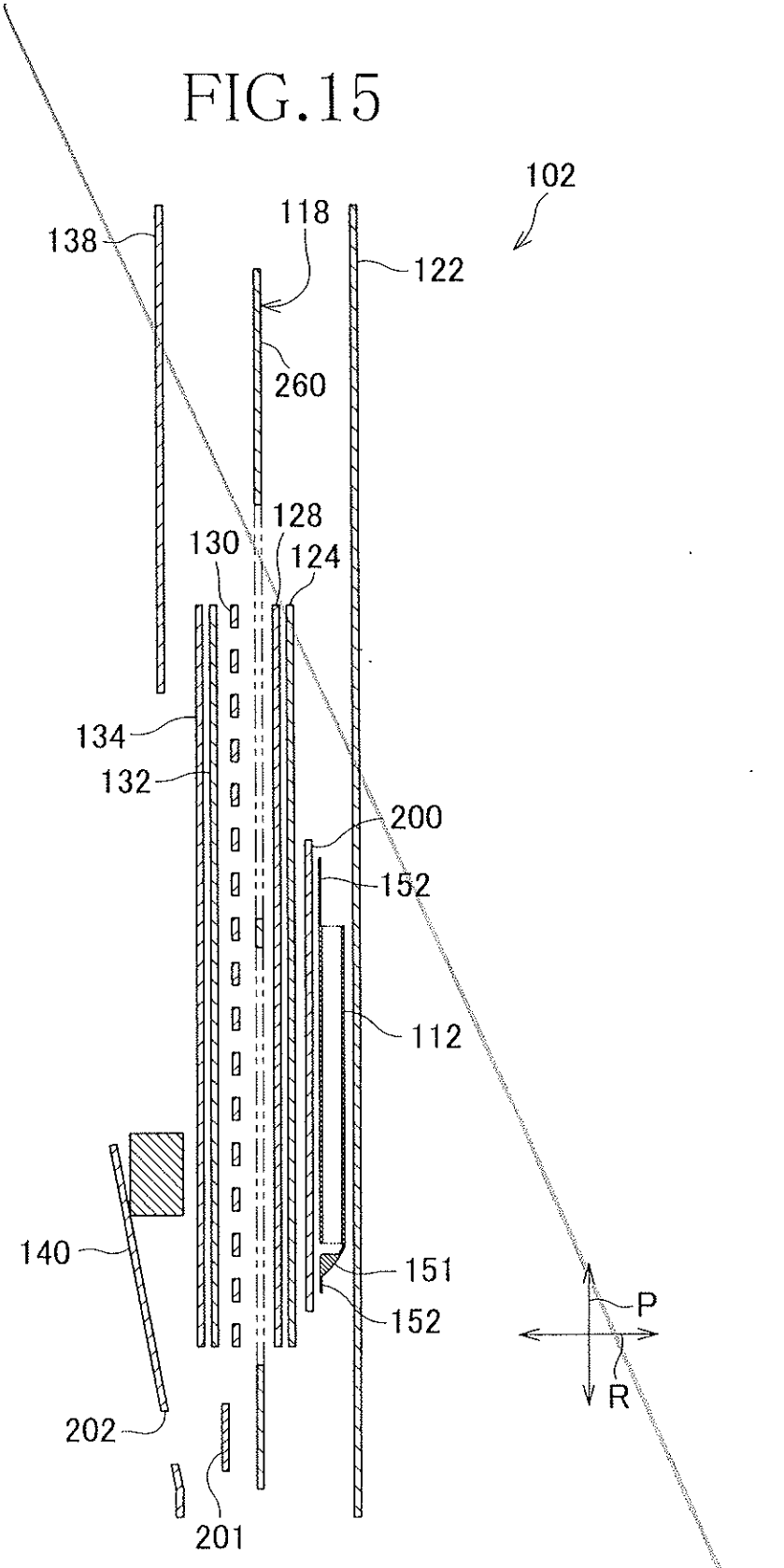

102
118
138
122
260
128
130
124
134
132
200
152
112
140
151
152
P
R
202
201

FIG.16

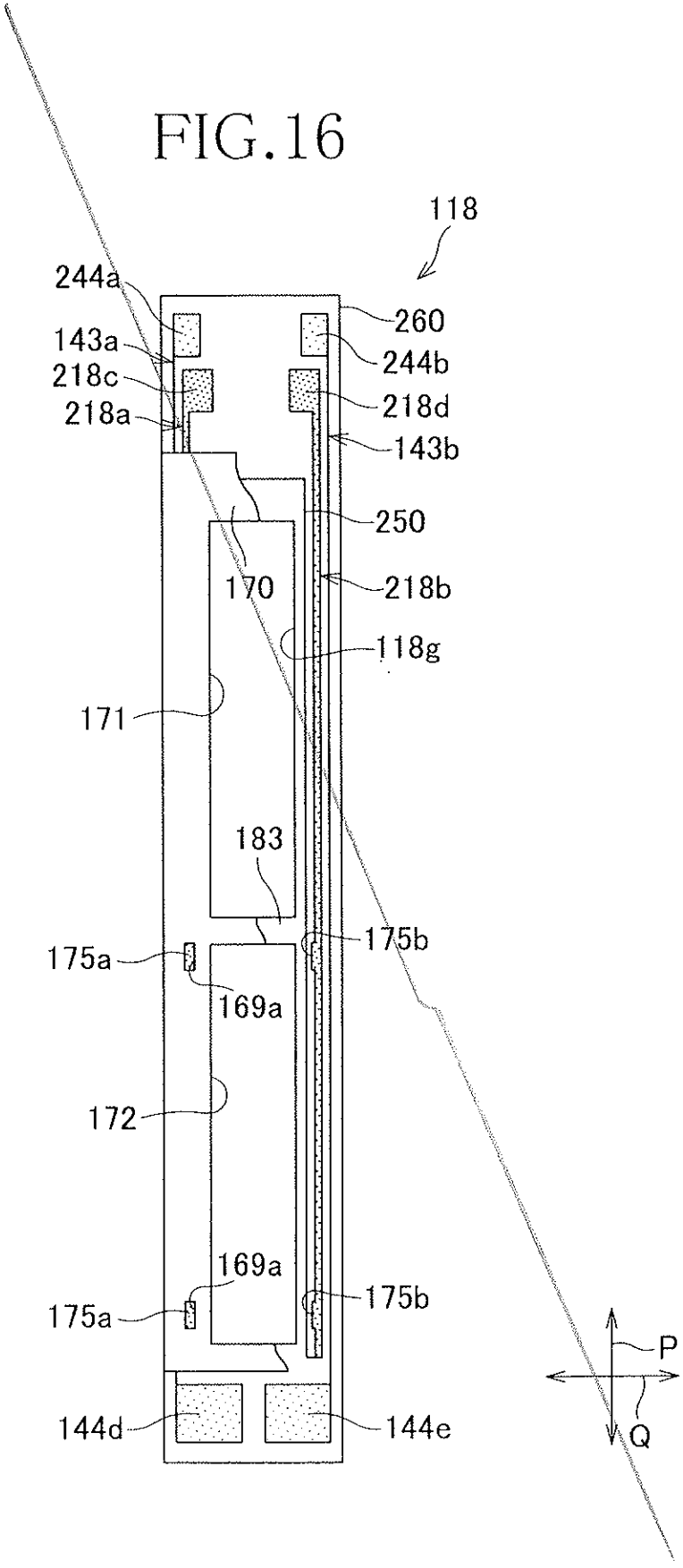

118
244a
143a
218c
218a
260
244b
218d
143b
250
170
218b
118g
171
183
175b
175a
169a
172
169a
175b
175a
144d
144e
P
Q

FIG.1

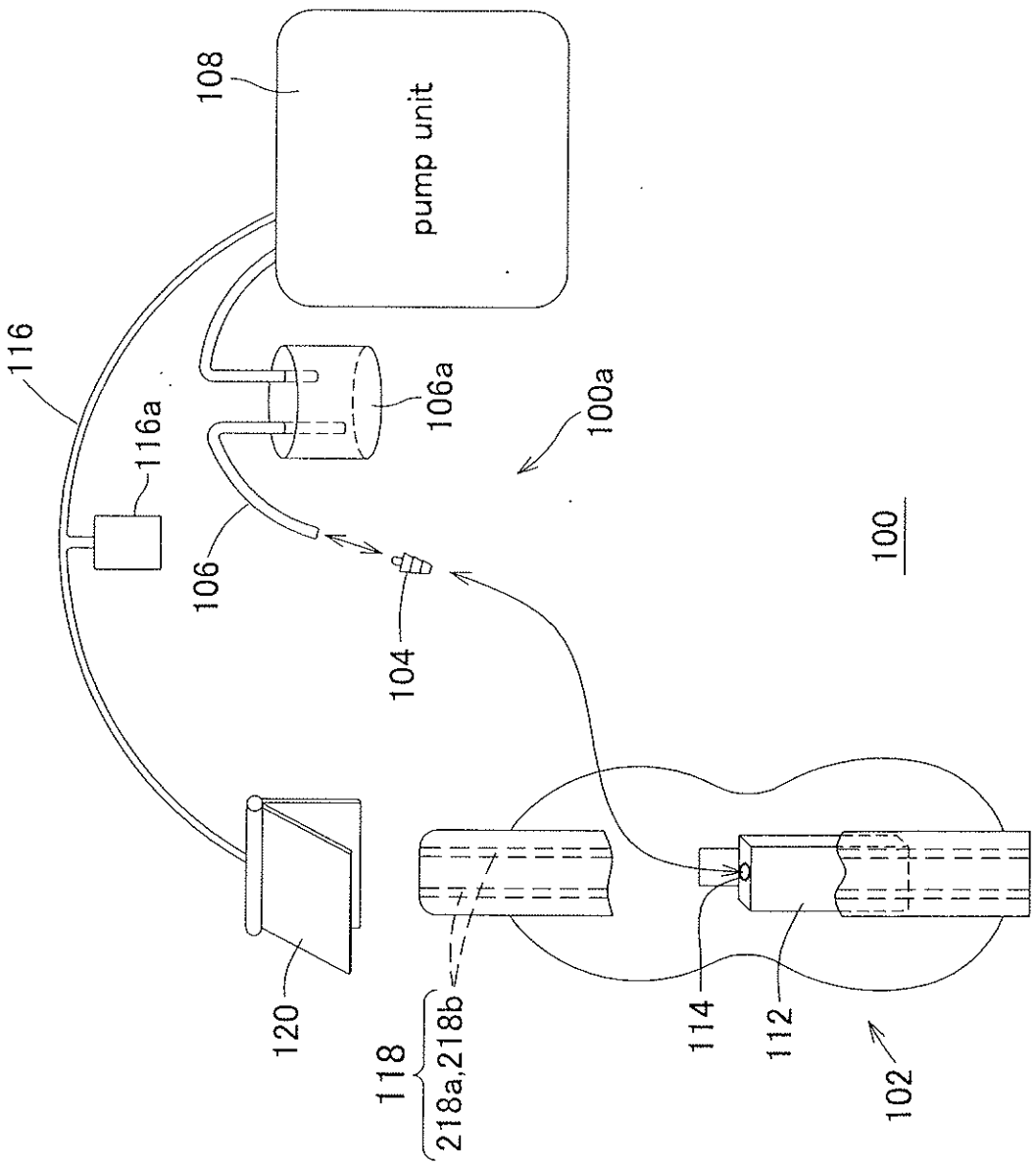

108
pump unit
116
116a
106a
100a
106
104
100
120
118
218a,218b
114
112
102

FIG.2

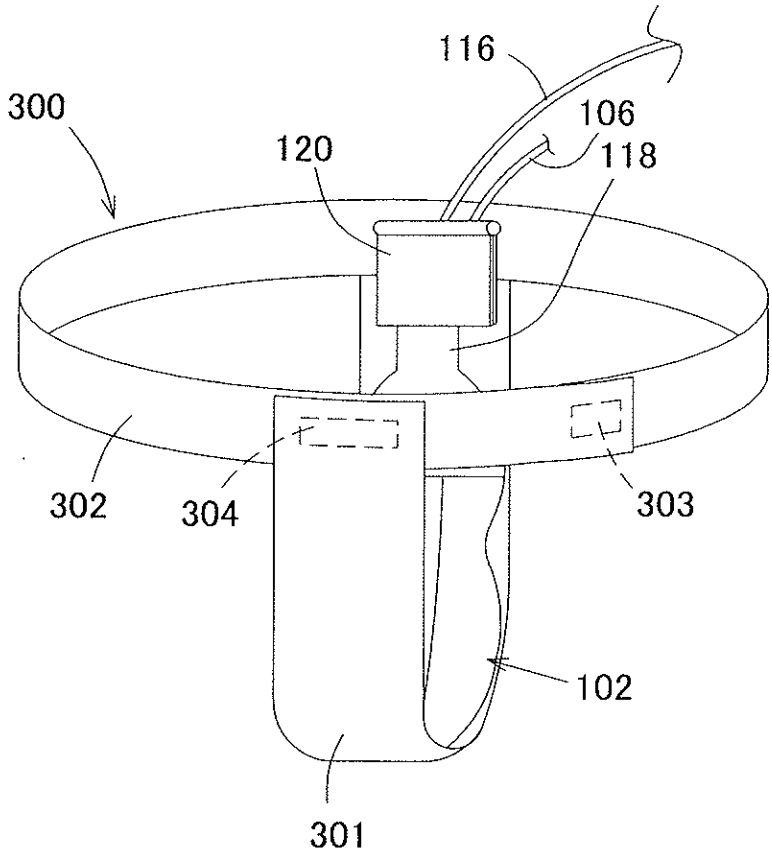


FIG.3

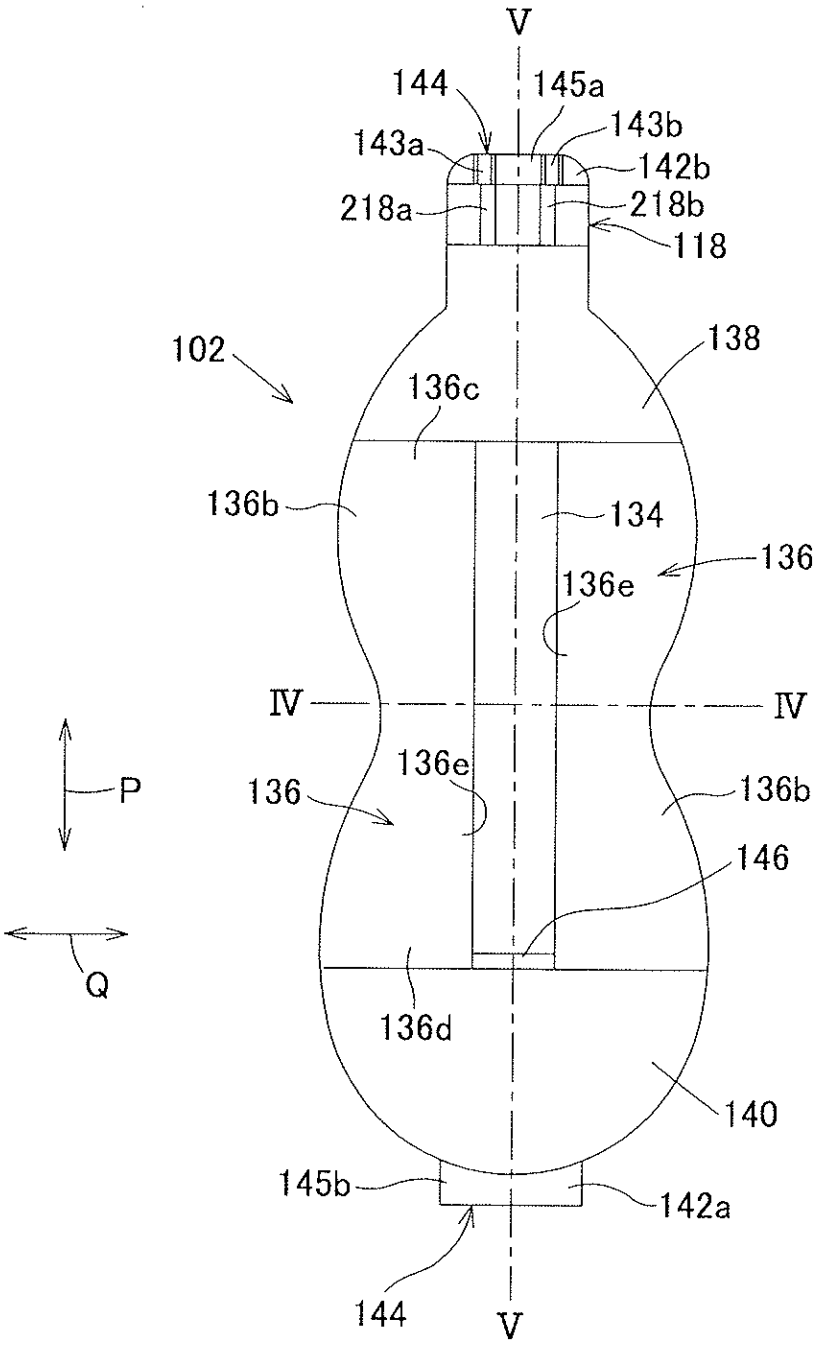

V
144
145a
143b
143a
142b
218a
218b
118
102
138
136c
136b
134
136
136e
IV
IV
P
136e
136
136b
146
Q
136d
140
145b
142a
144
V

FIG.4

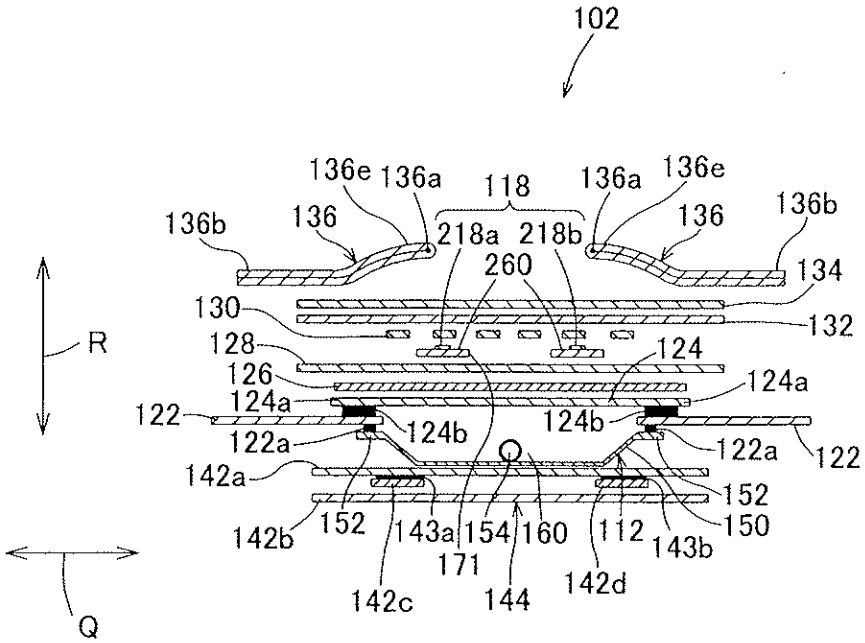

102
136e
136a
118
136a
136e
136b
136
218a
218b
136
136b
260
134
130
132
128
124
126
124a
124a
122
124b
124b
122a
122a
122
142a
152
142b
152
143a
154
160
112
143b
150
171
142c
144
142d
R
Q

FIG.5

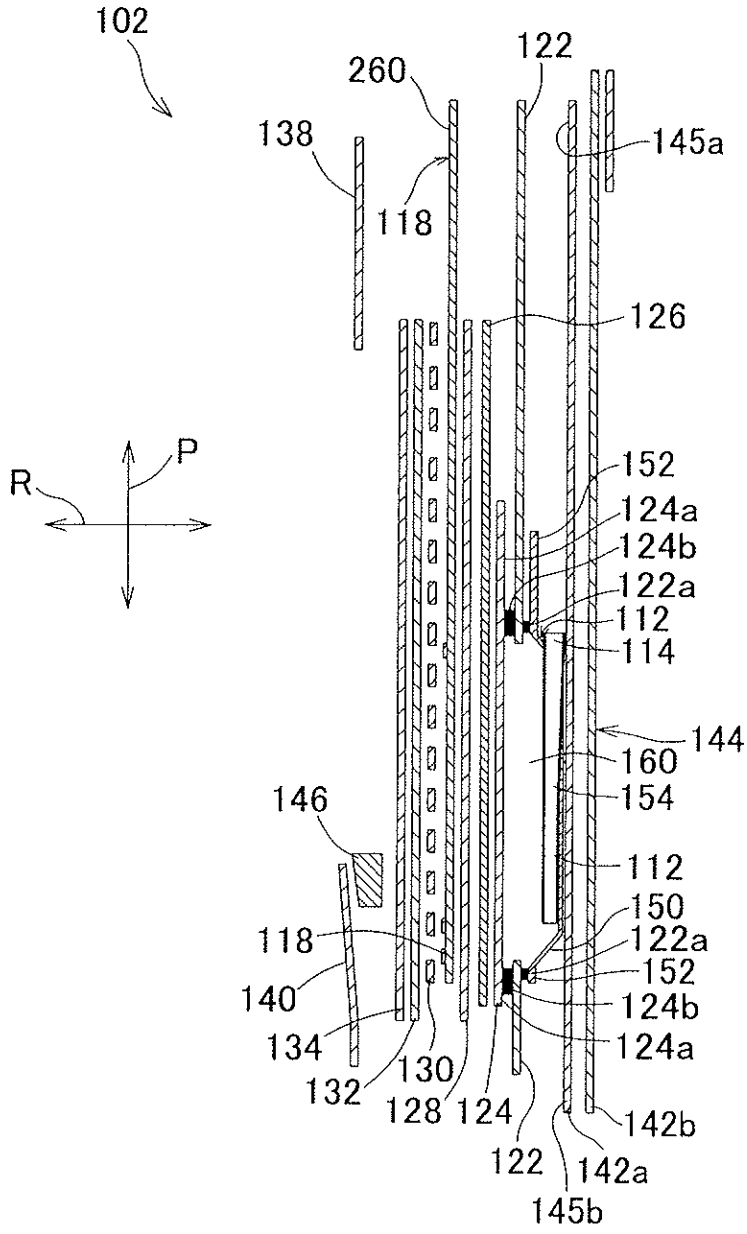

102
260
122
138
145a
118
126
P
R
152
124a
124b
122a
112
114
144
160
146
154
112
150
118
122a
152
140
124b
134
124a
130
132
128
124
142b
122
142a
145b

FIG.6

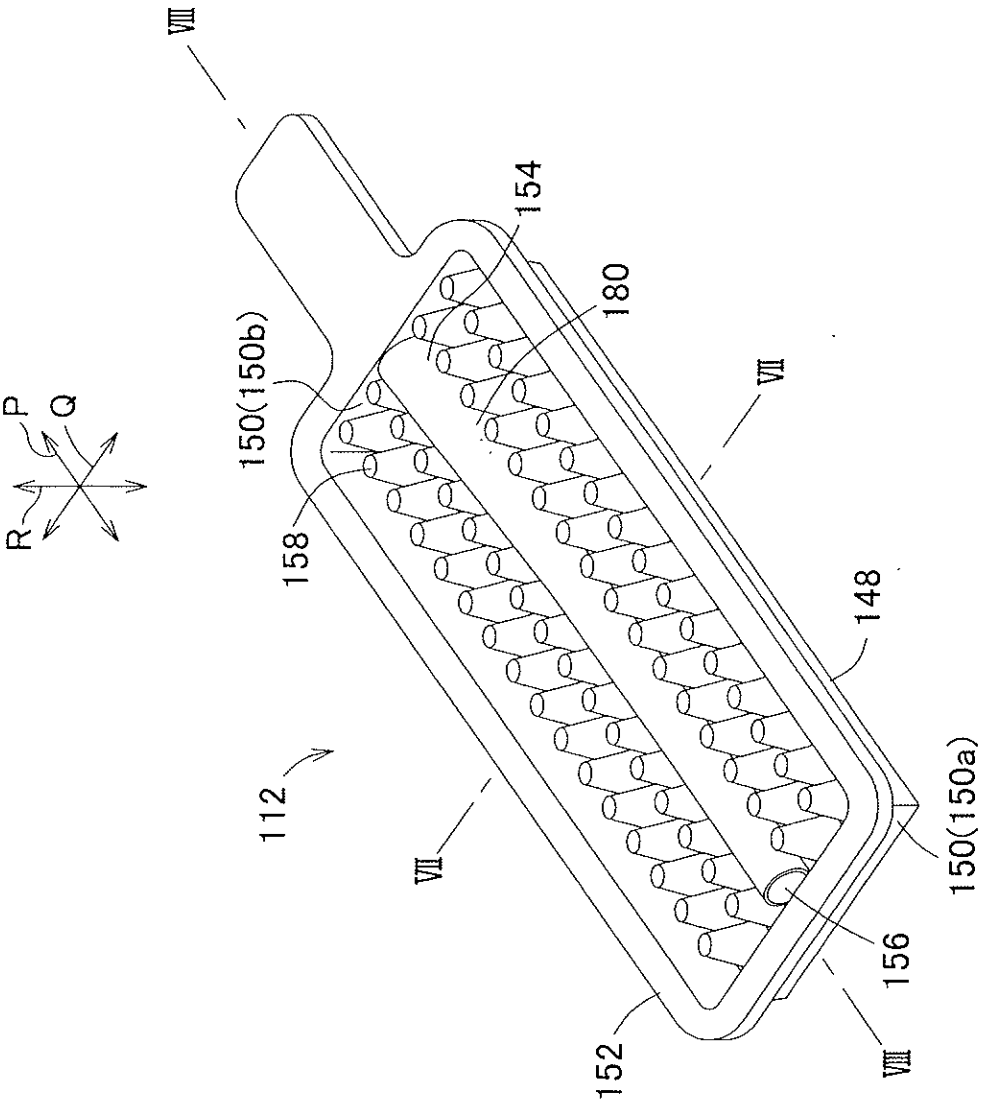

P
Q
R
VIII
154
180
150(150b)
158
VII
148
112
VII
150(150a)
156
152
VIII

FIG.7

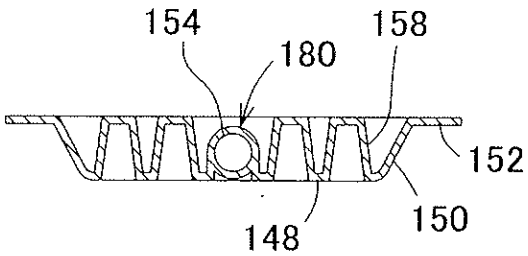


FIG.8

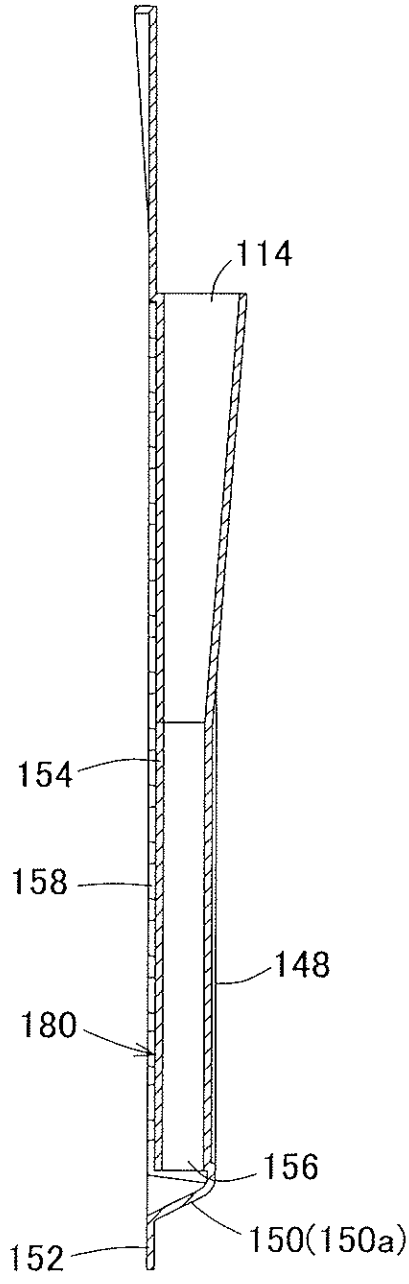


FIG.9

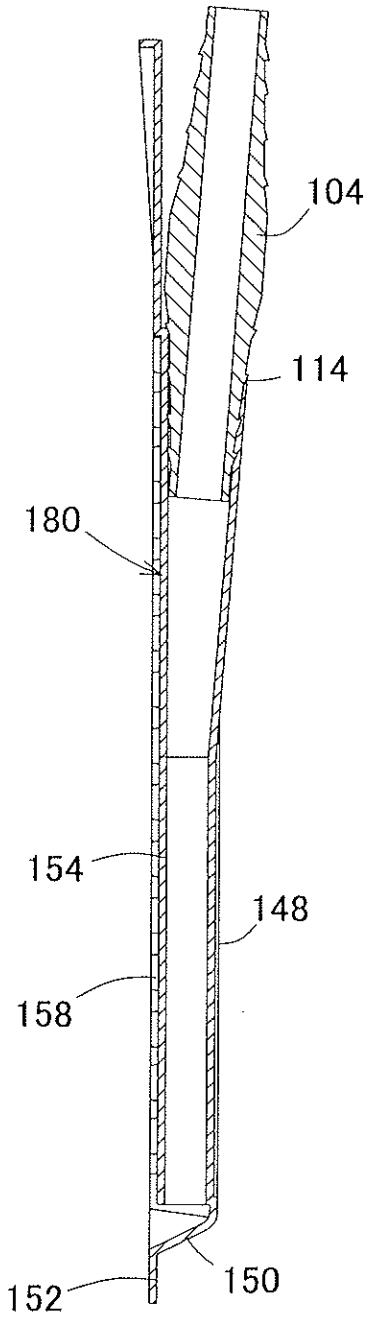


FIG.10

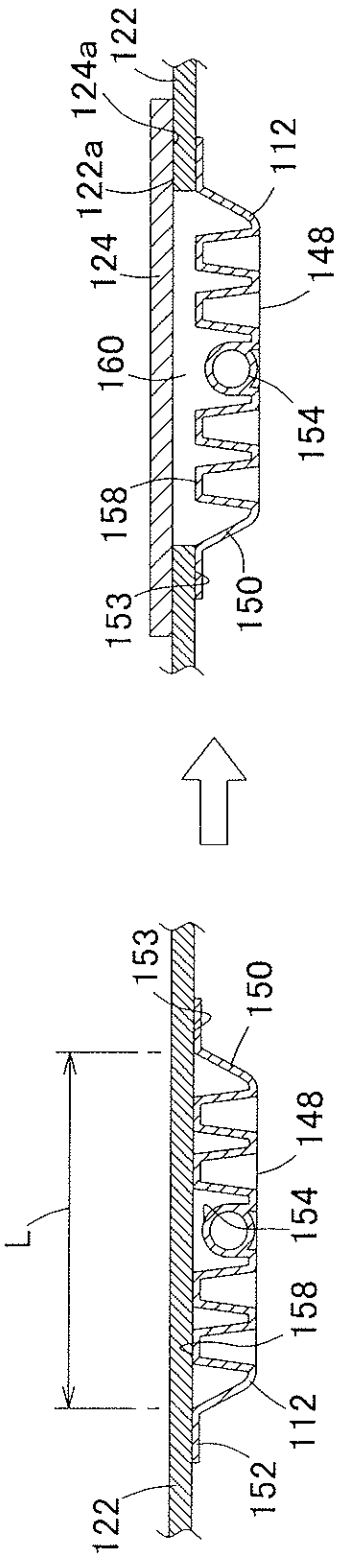


FIG.11

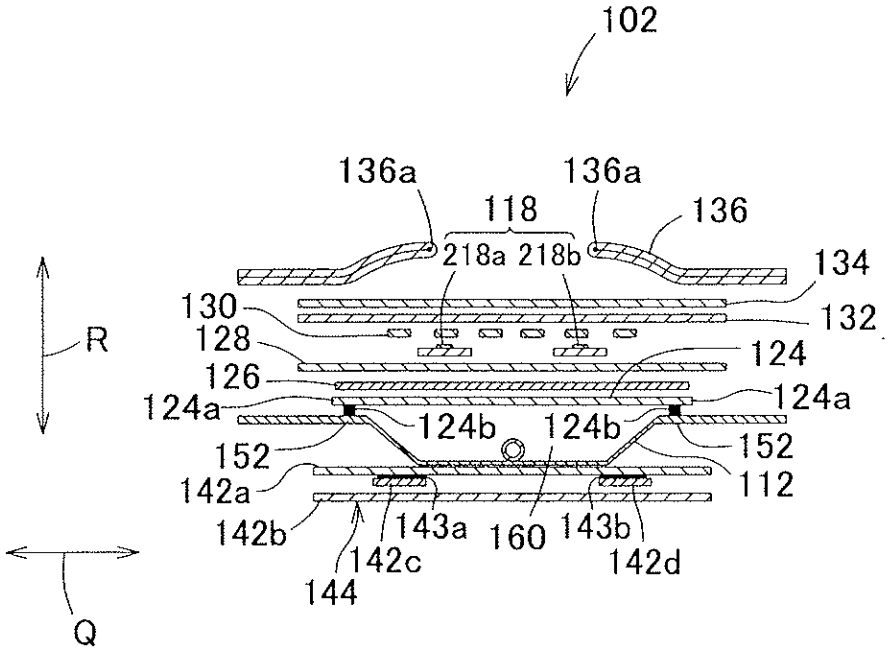

102
136a
136a
118
136
218a
218b
134
130
132
128
124
126
124a
124a
124b
124b
152
152
142a
112
142b
143a
160
143b
142c
142d
144
R
Q

FIG.12

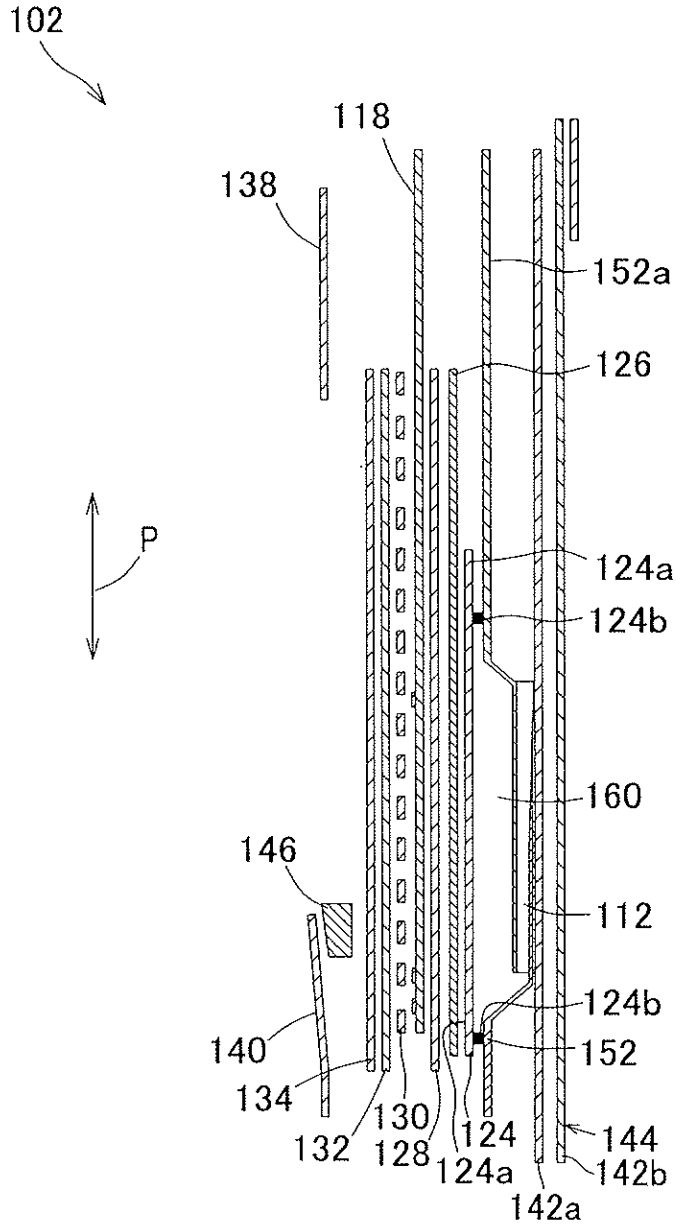

102
118
138
152a
126
P
124a
124b
160
146
112
124b
140
152
134
130
132
128
124
124a
144
142b
142a

FIG.13

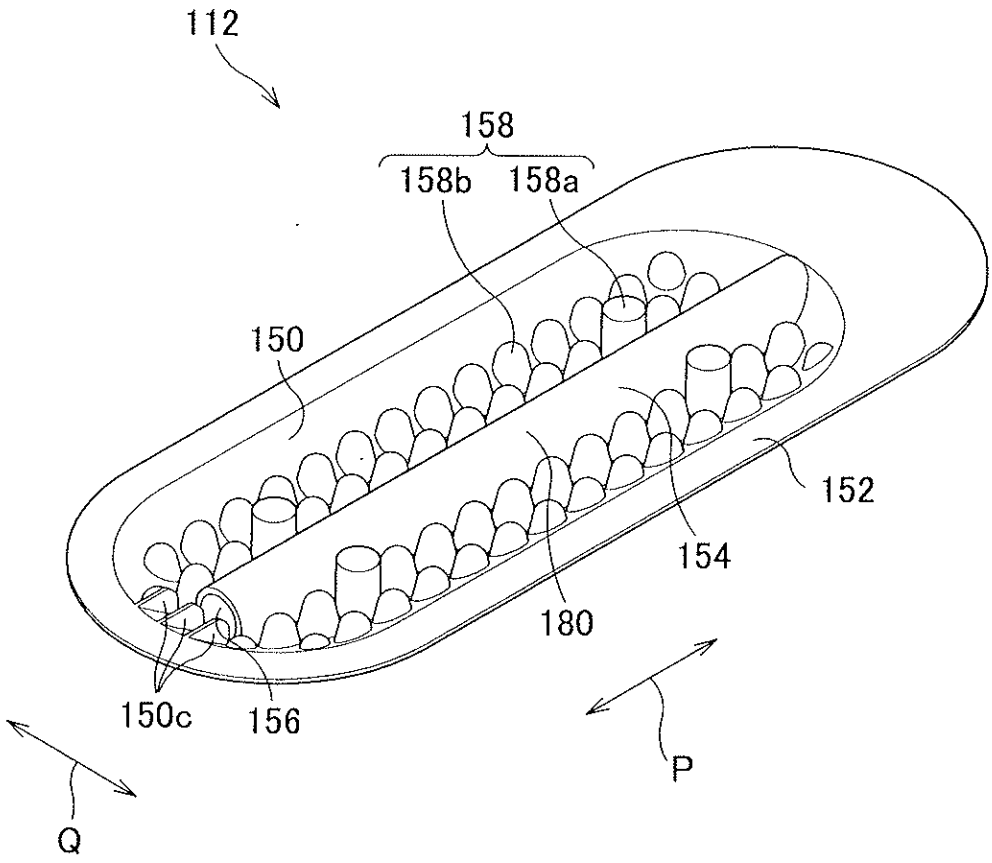


FIG.14

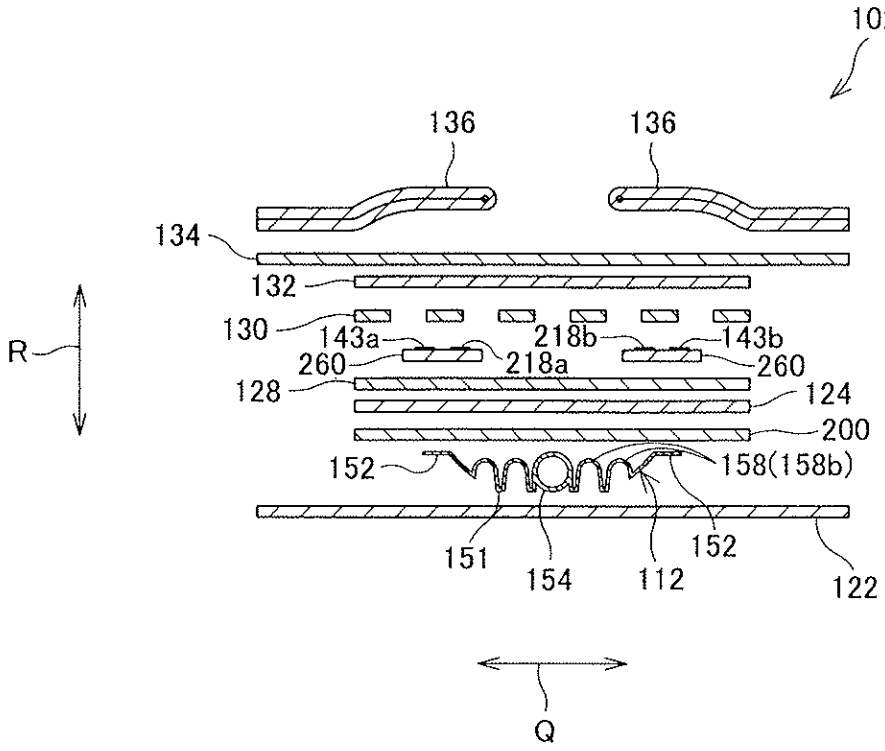

102
136
136
134
132
130
143a
218b
143b
260
218a
260
128
124
200
152
158(158b)
151
154
112
152
122
R
Q

FIG.15

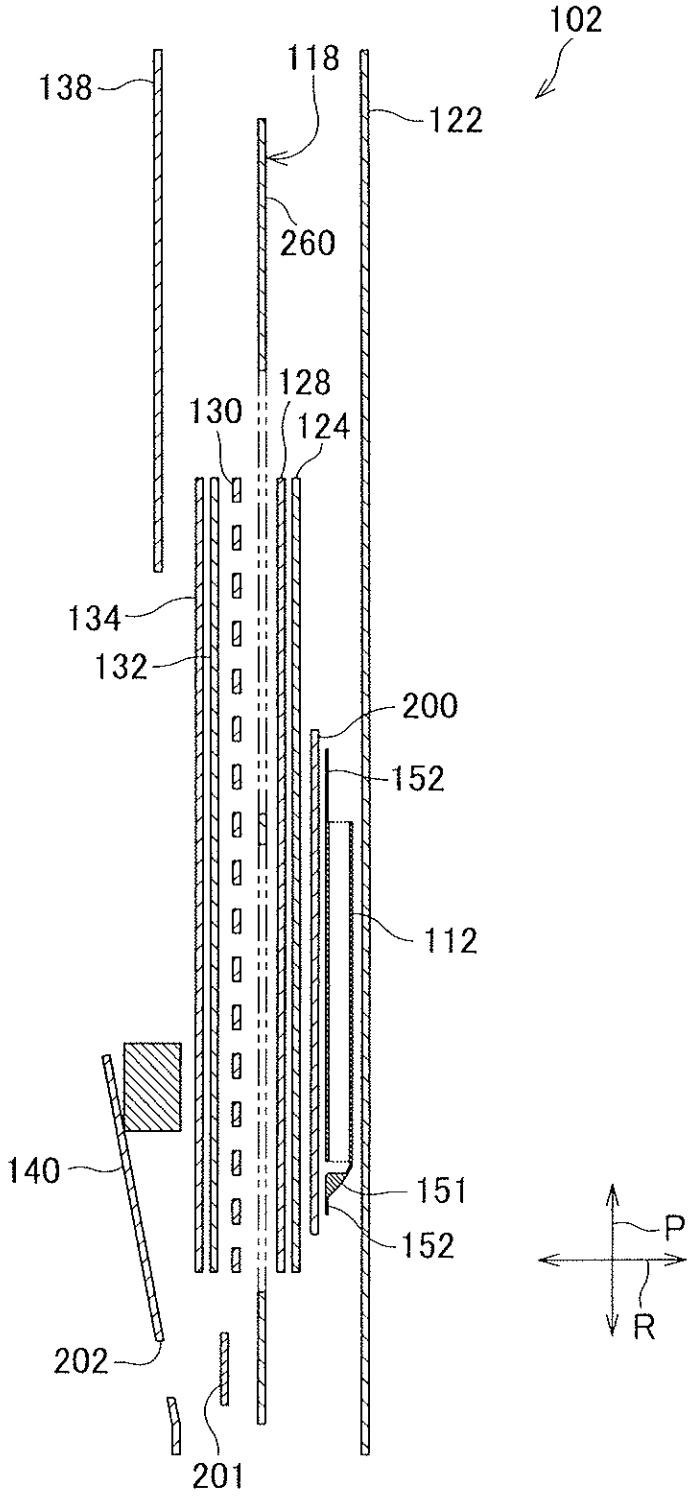
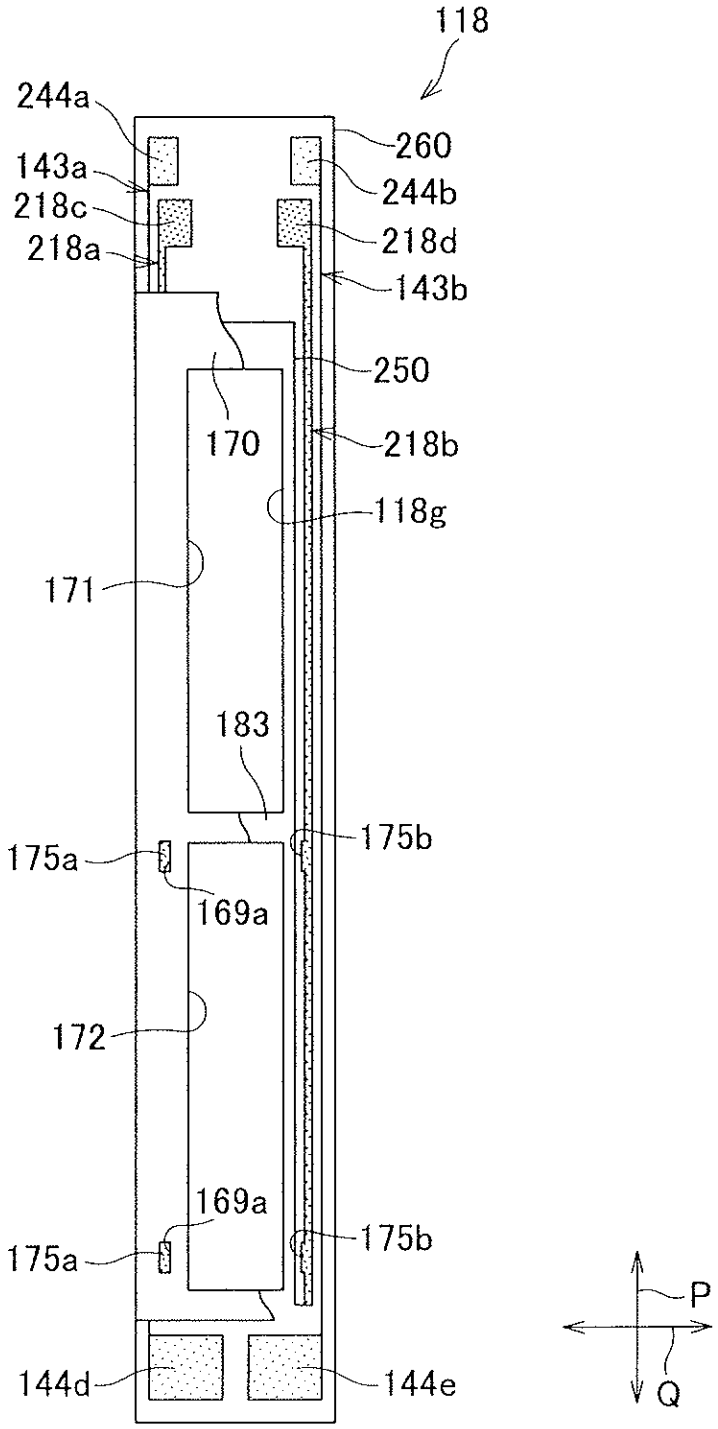

102
118
138
122
260
128
130
124
134
132
200
152
112
140
151
152
P
R
202
201

FIG.16


118
244a
143a
218c
218a
260
244b
218d
143b
250
170
218b
118g
171
183
175b
175a
169a
172
169a
175b
175a
144d
144e
P
Q