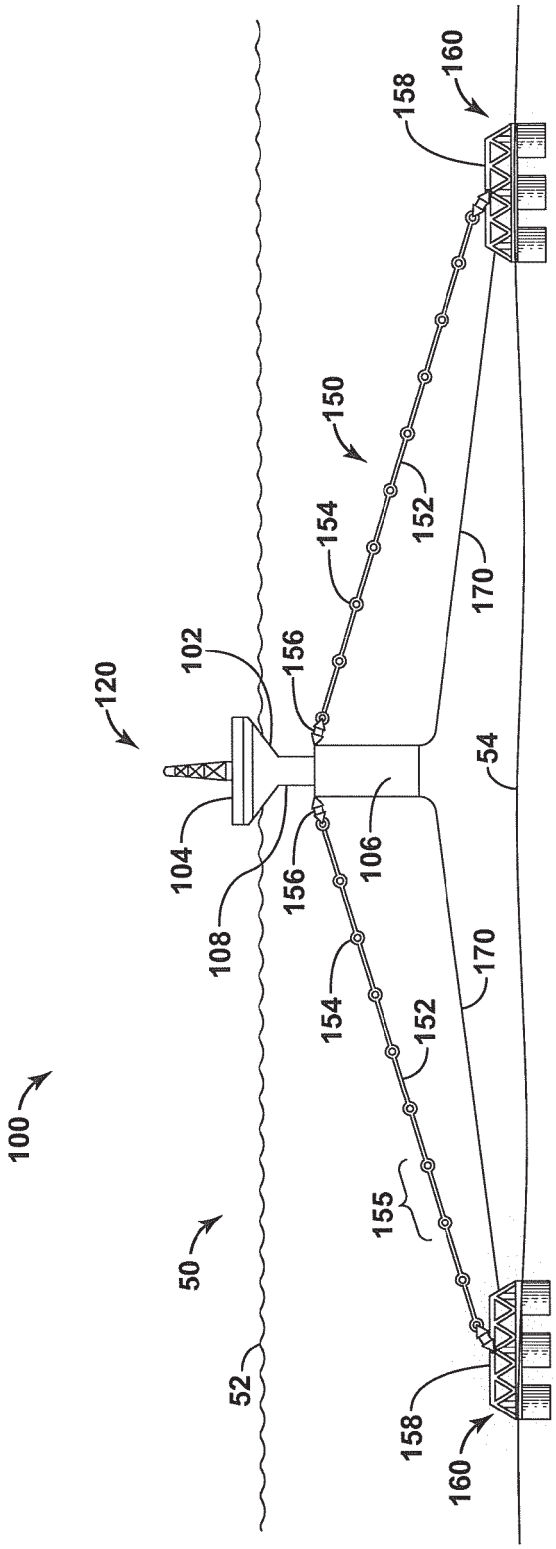


FIG. 1

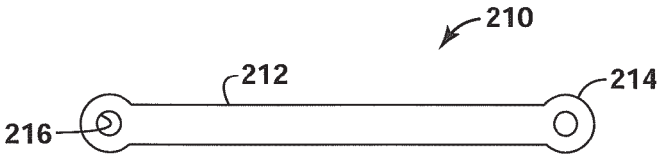


FIG. 2A

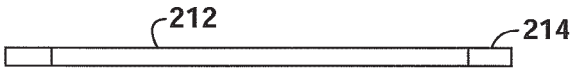


FIG. 2B

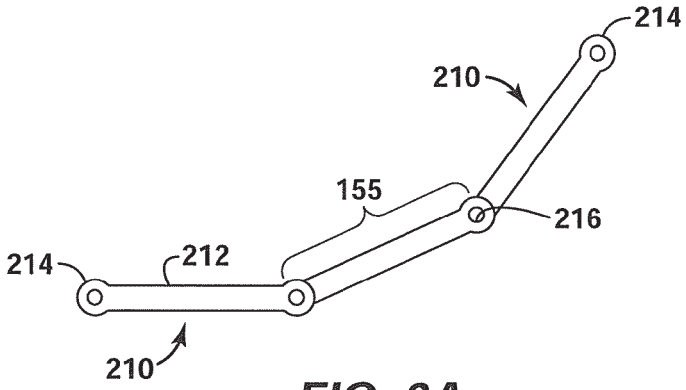


FIG. 3A

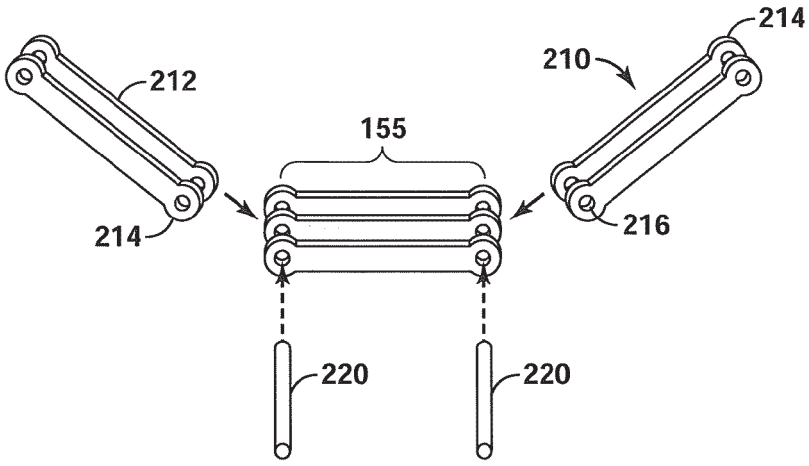


FIG. 3B

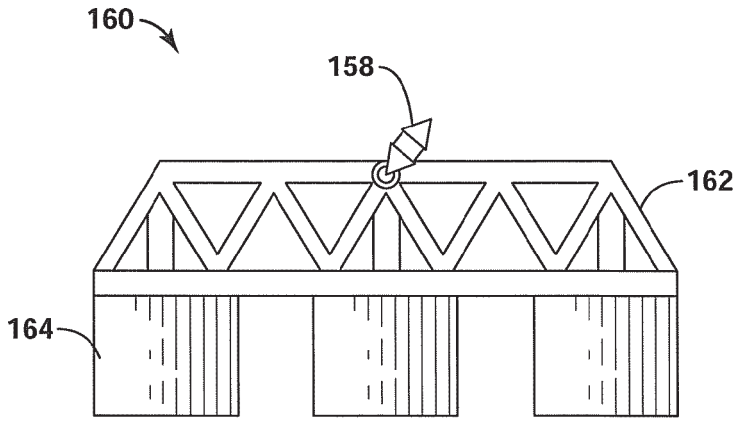


FIG. 4A

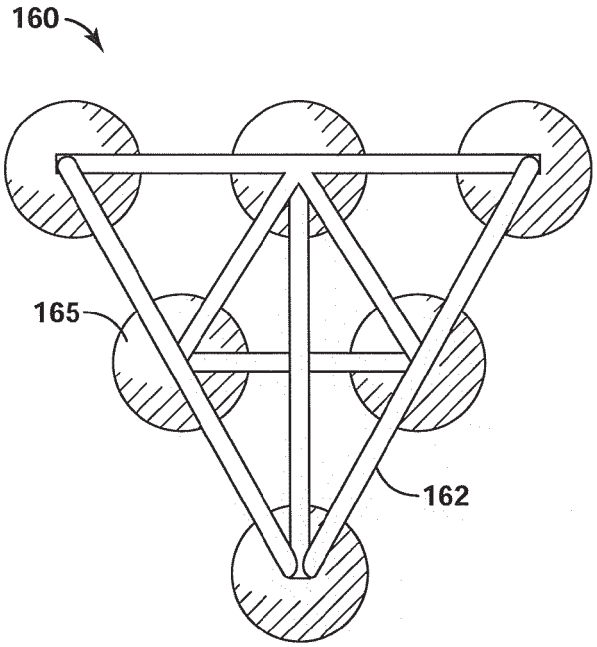


FIG. 4B

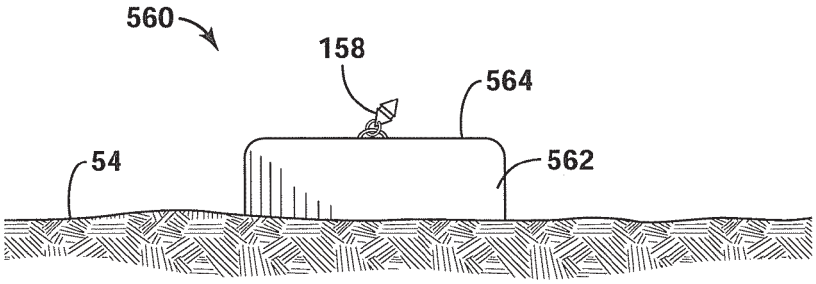


FIG. 5A

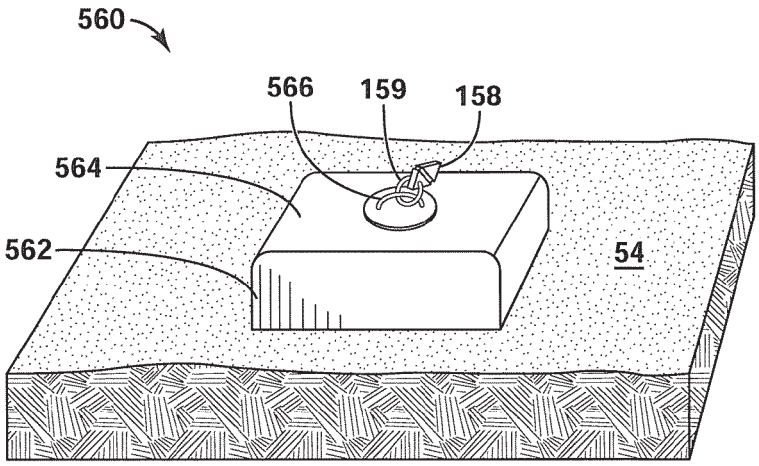


FIG. 5B

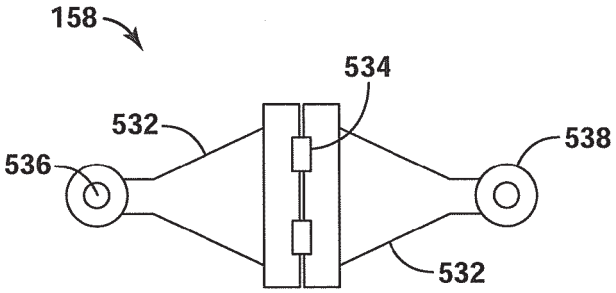


FIG. 5C

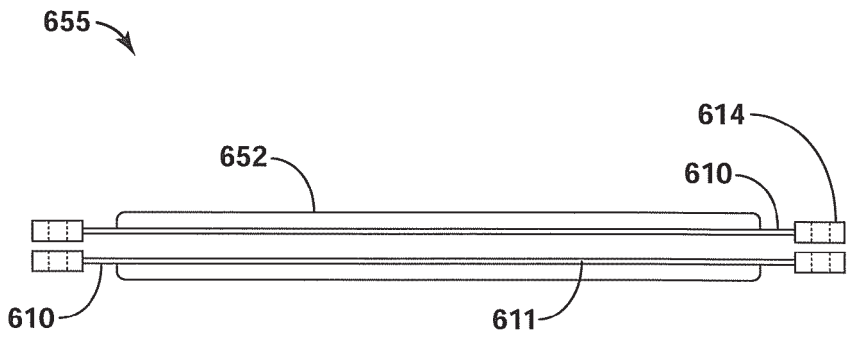


FIG. 6A

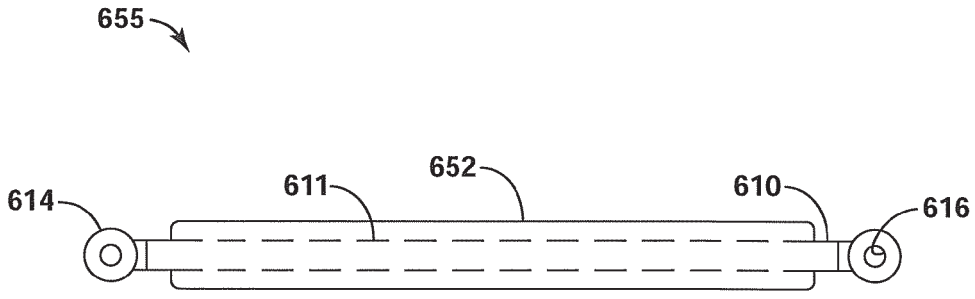


FIG. 6B

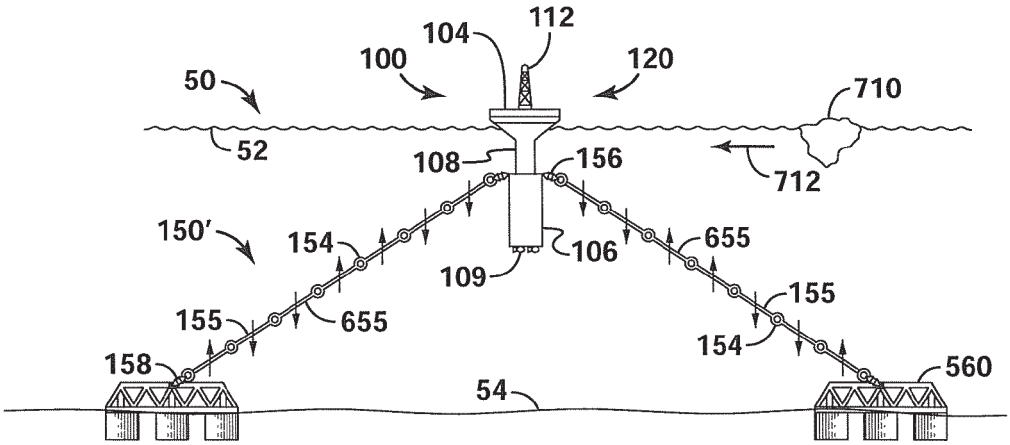

104
112
100
120
50
710
52
108
156
712
150'
154
106
655
109
155
155
655
154
158
560
54

FIG. 7A

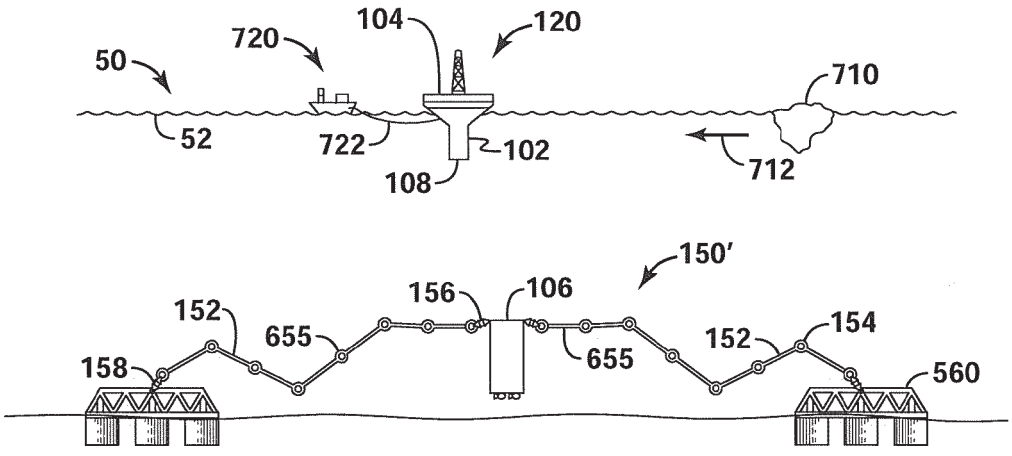

104
120
720
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710
52
722
102
712
108
150'
156
106
152
655
655
152
154
158
560

FIG. 7B

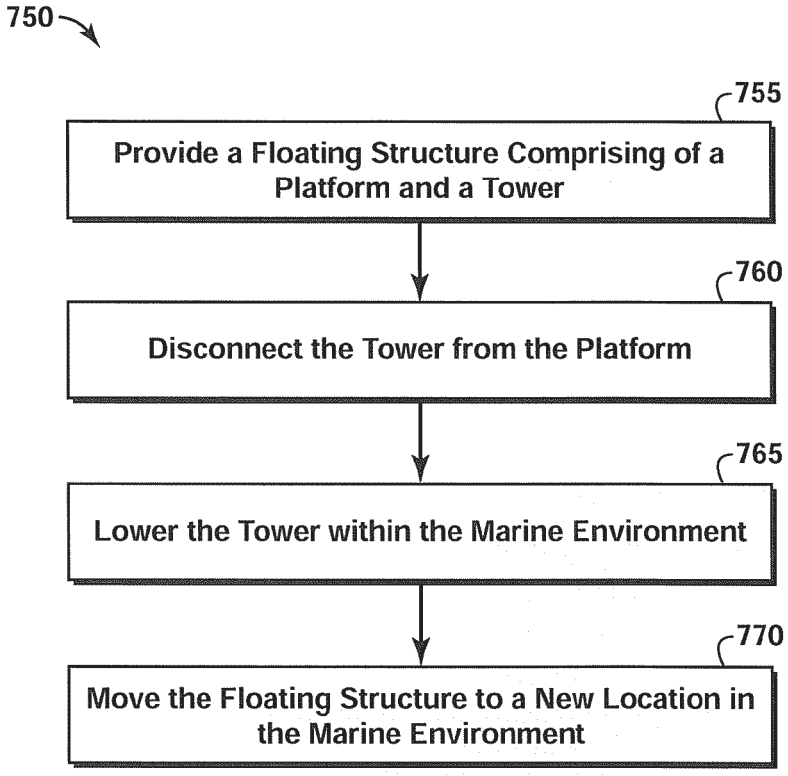

750
755
Provide a Floating Structure Comprising of a Platform and a Tower
760
Disconnect the Tower from the Platform
765
Lower the Tower within the Marine Environment
770
Move the Floating Structure to a New Location in the Marine Environment

FIG. 7C

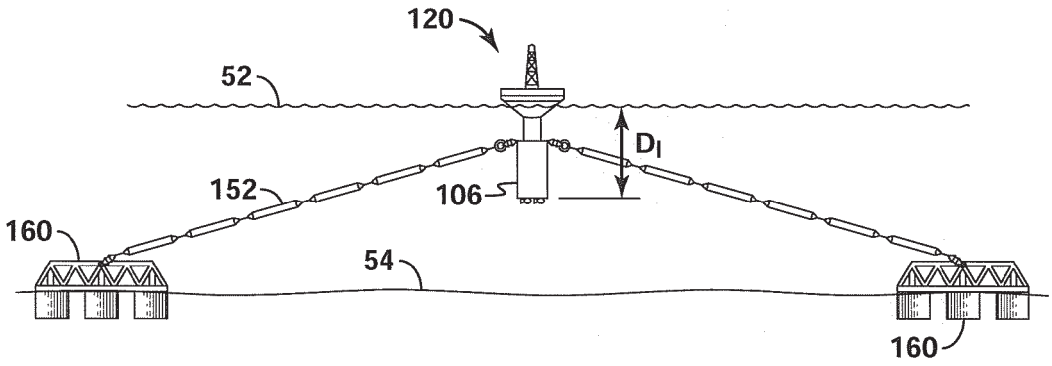


FIG. 8A

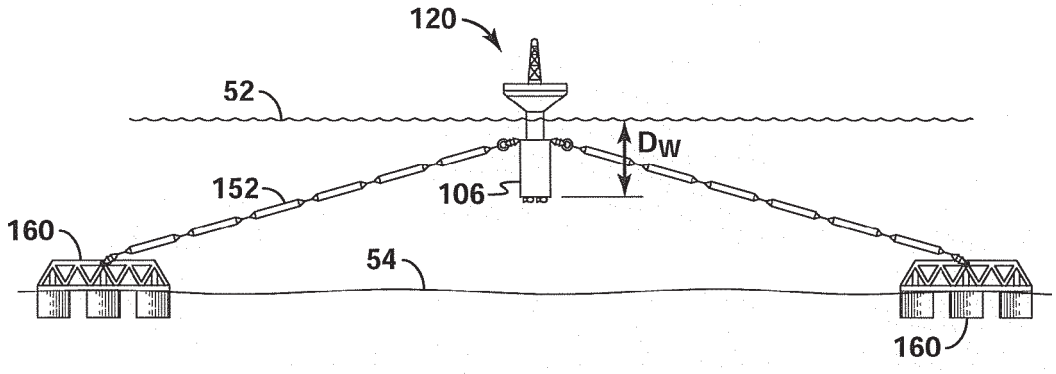


FIG. 8B

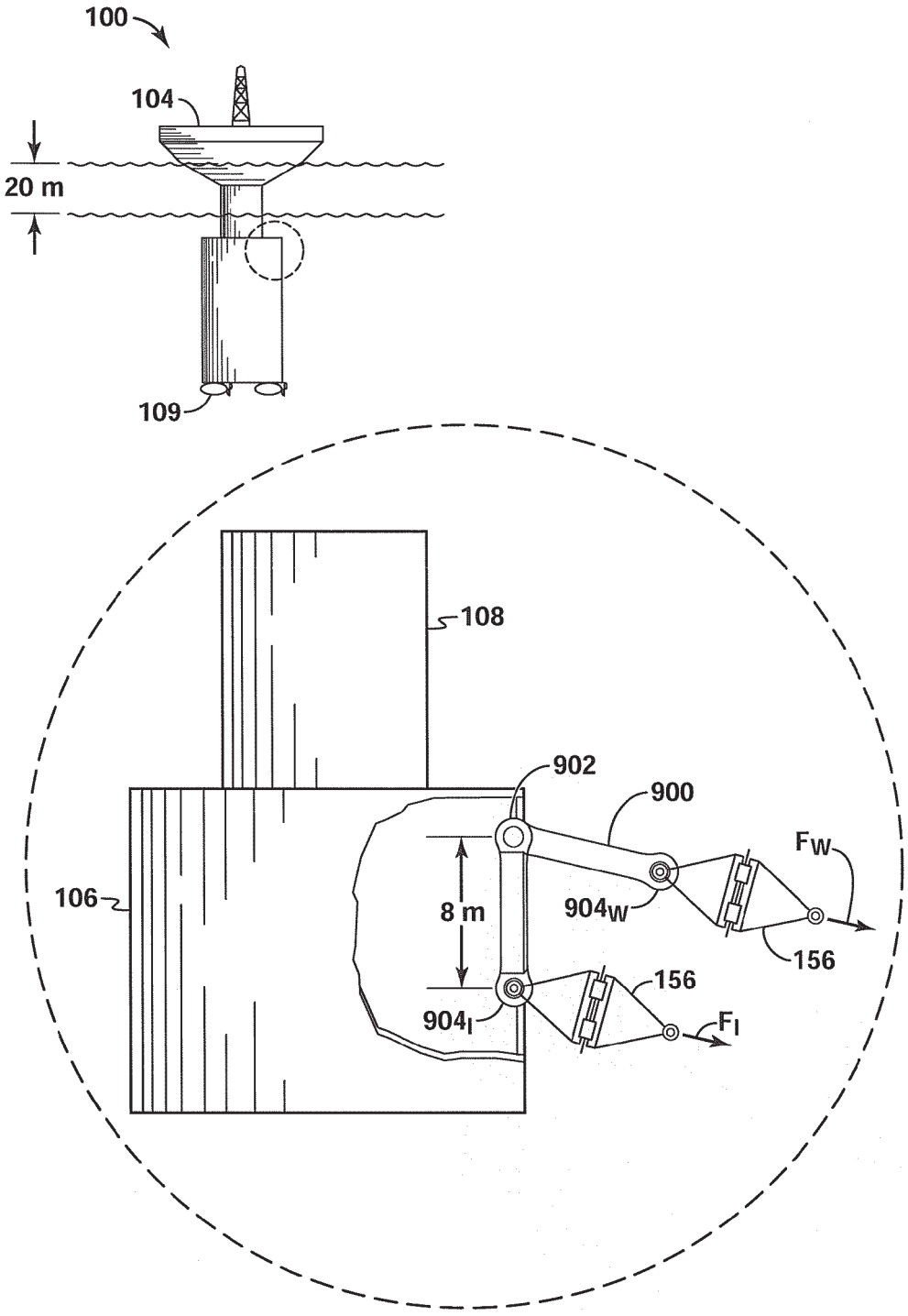


FIG. 9

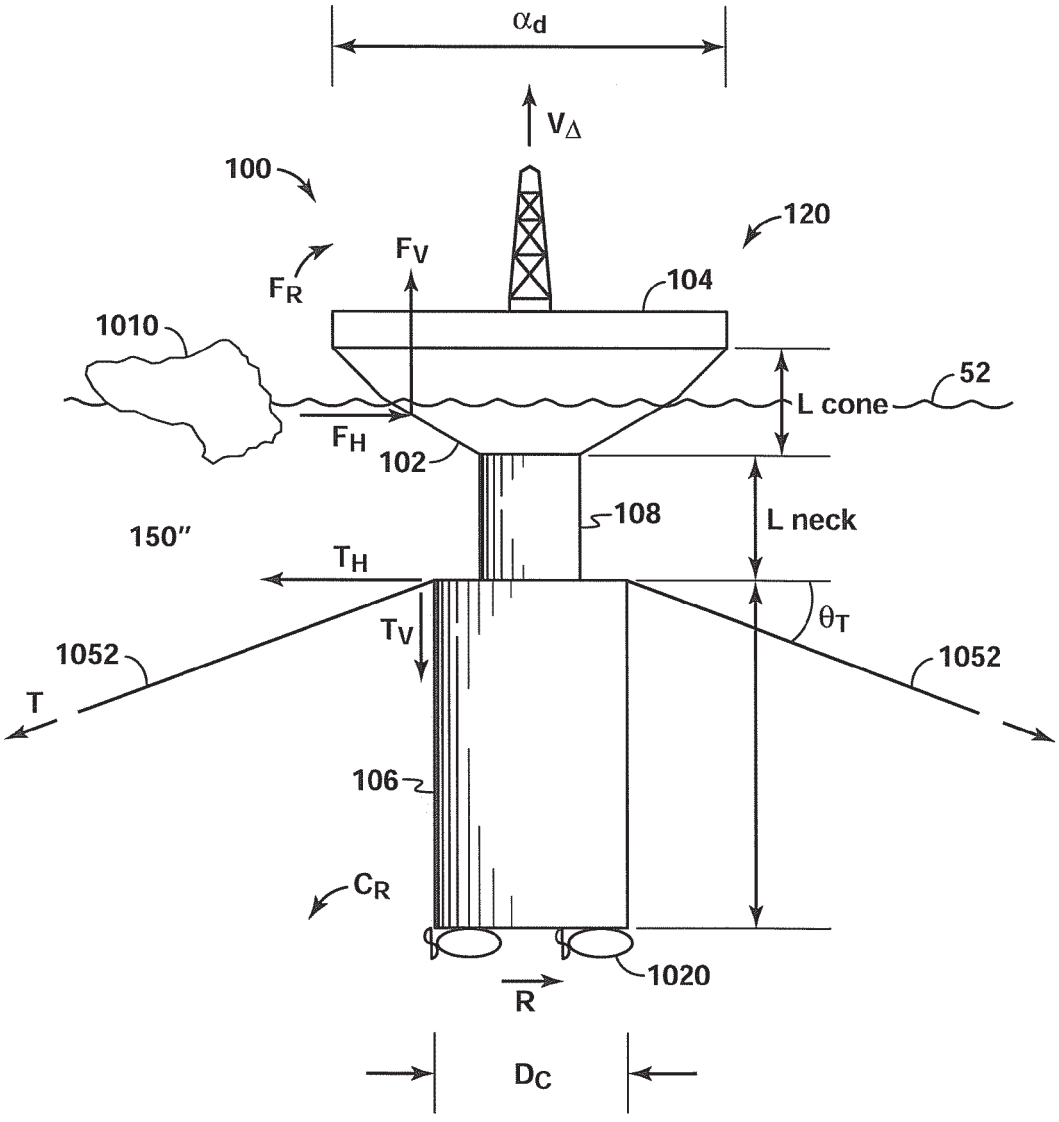

α_d
V_Δ
100
120
F_V
F_R
104
1010
52
L cone
F_H
102
108
L neck
150"
T_H
θ_T
T_V
1052
1052
T
106
C_R
1020
R
D_C

FIG. 10

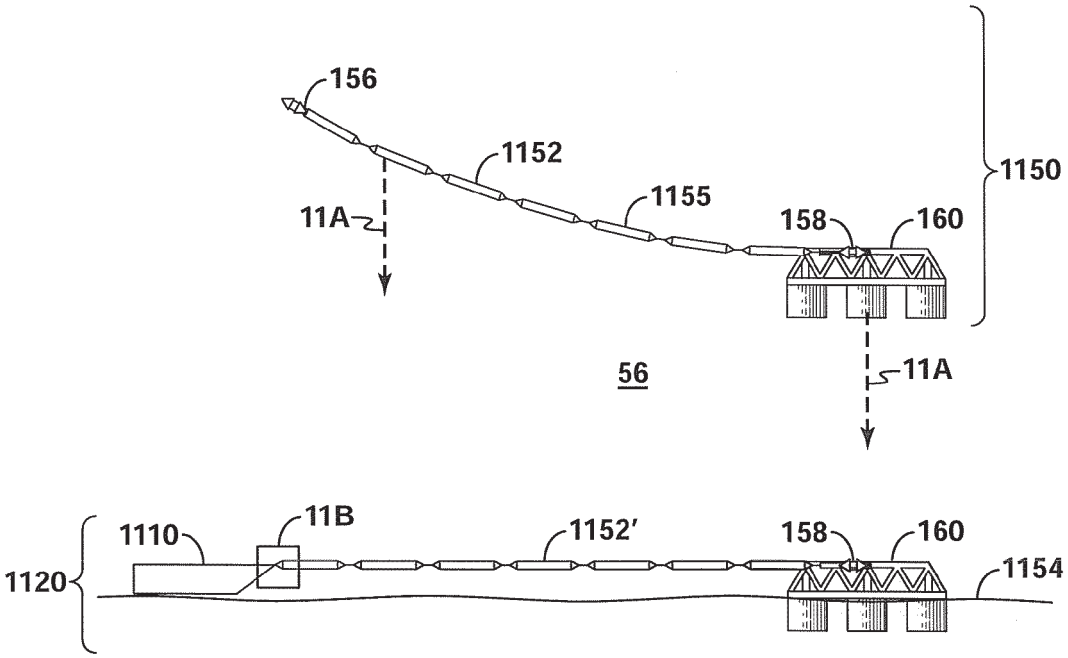


FIG. 11A

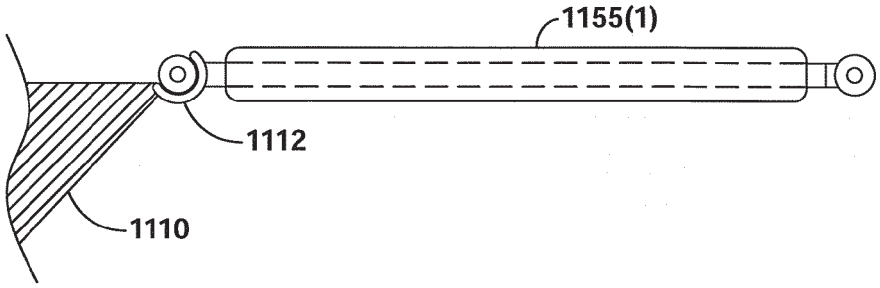


FIG. 11B

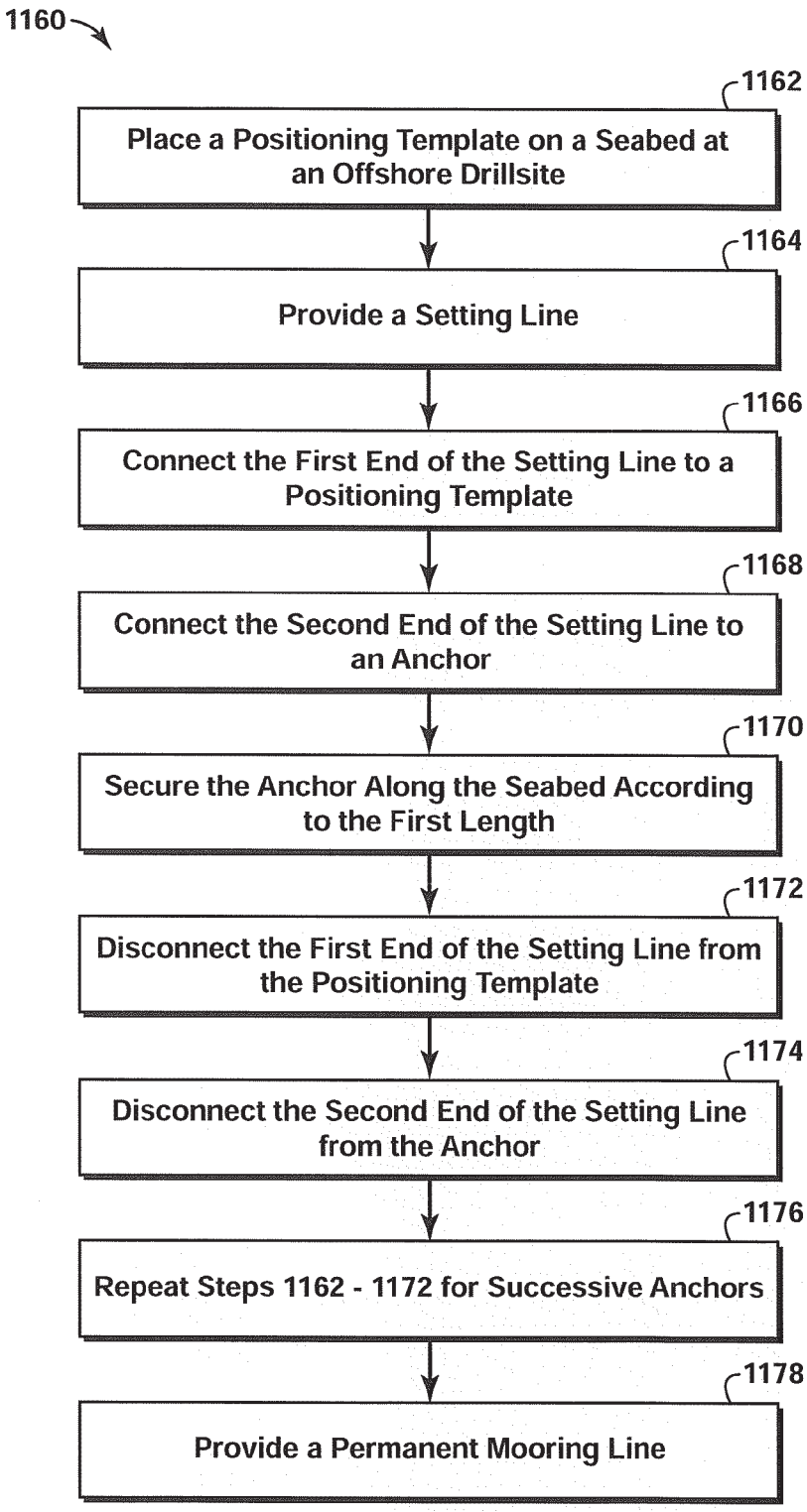

1160
1162
Place a Positioning Template on a Seabed at an Offshore Drillsite
1164
Provide a Setting Line
1166
Connect the First End of the Setting Line to a Positioning Template
1168
Connect the Second End of the Setting Line to an Anchor
1170
Secure the Anchor Along the Seabed According to the First Length
1172
Disconnect the First End of the Setting Line from the Positioning Template
1174
Disconnect the Second End of the Setting Line from the Anchor
1176
Repeat Steps 1162 - 1172 for Successive Anchors
1178
Provide a Permanent Mooring Line

FIG. 11C

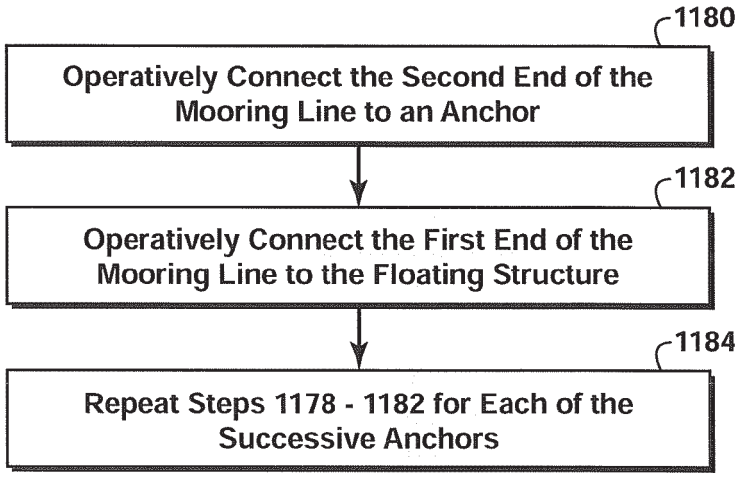

1180
Operatively Connect the Second End of the Mooring Line to an Anchor
1182
Operatively Connect the First End of the Mooring Line to the Floating Structure
1184
Repeat Steps 1178 - 1182 for Each of the Successive Anchors

FIG. 11D

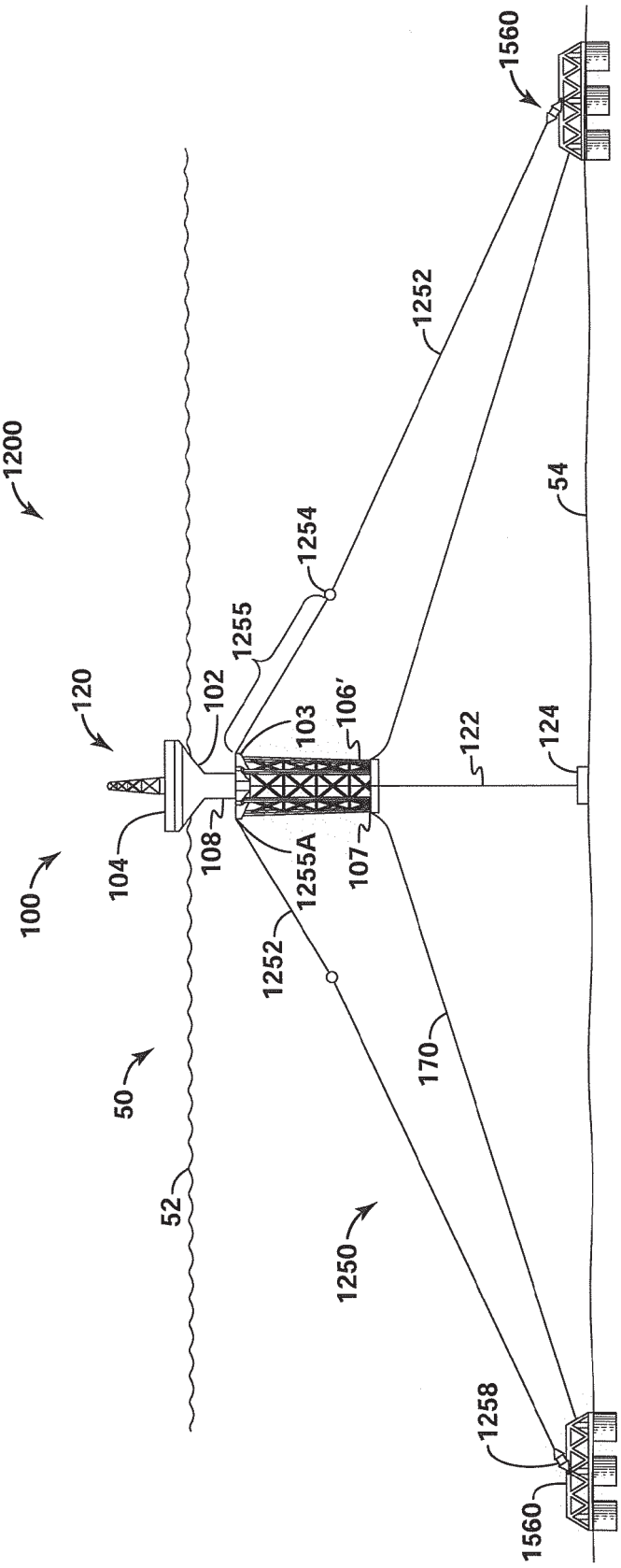

1560
1252
1200
54
1254
1255
120
102
103
106'
122
124
100
104
108
1255A
107
1252
170
50
52
1250
1258
1560

FIG. 12A

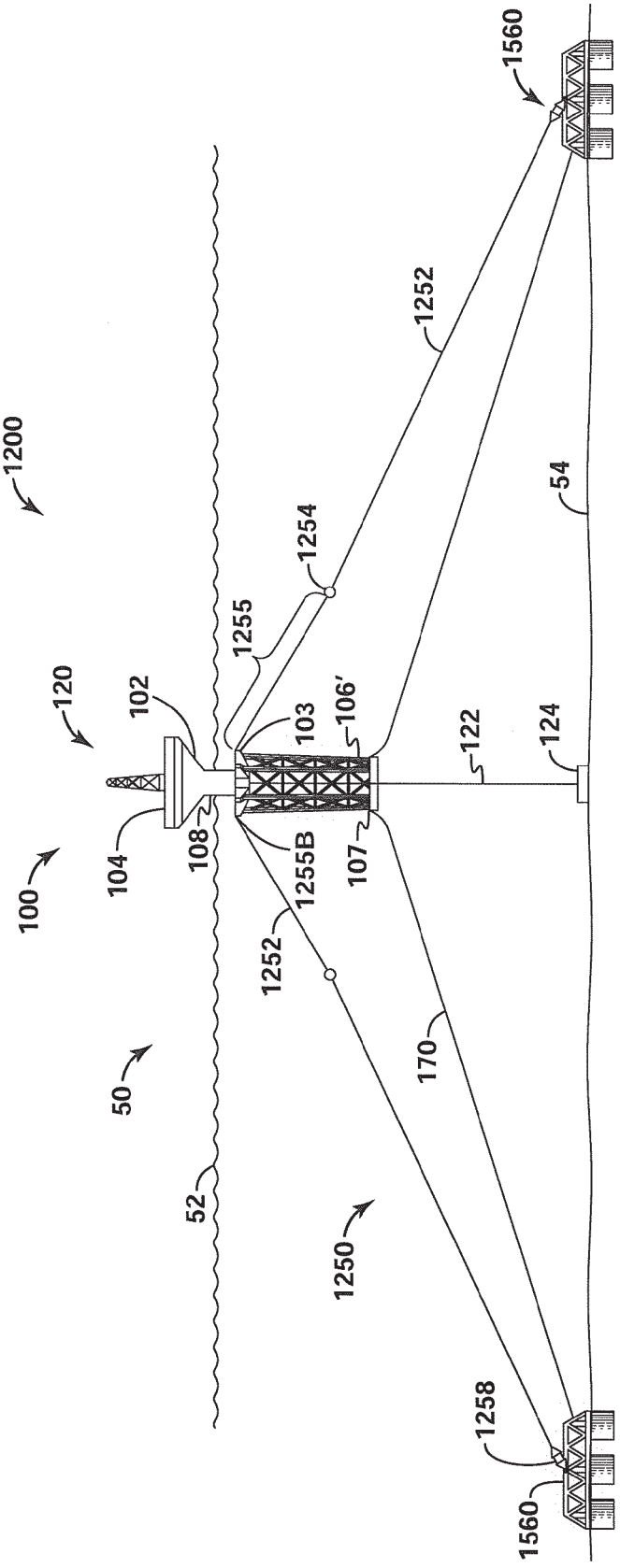

1560
1252
1200
54
1254
1255
120
102
103
106'
122
124
100
104
108
1255B
107
1252
170
50
52
1250
1258
1560

FIG. 12B

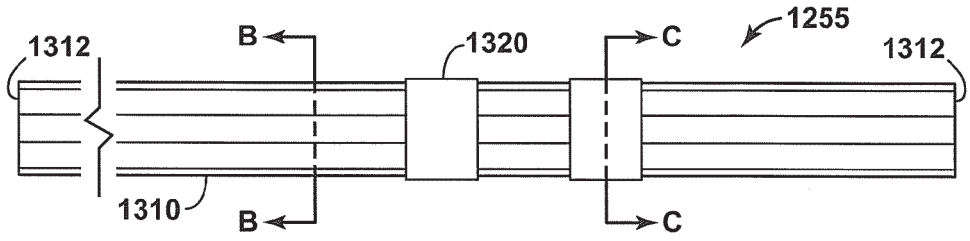


FIG. 13A

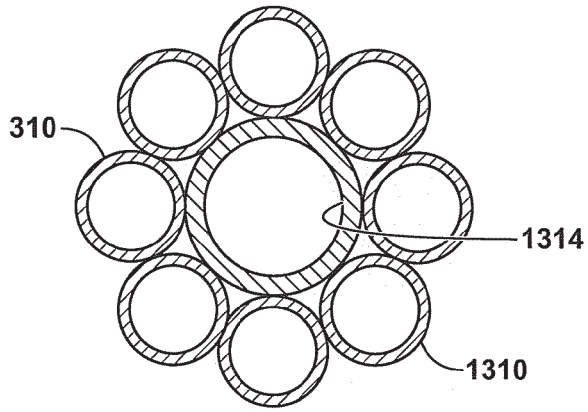


FIG. 13B

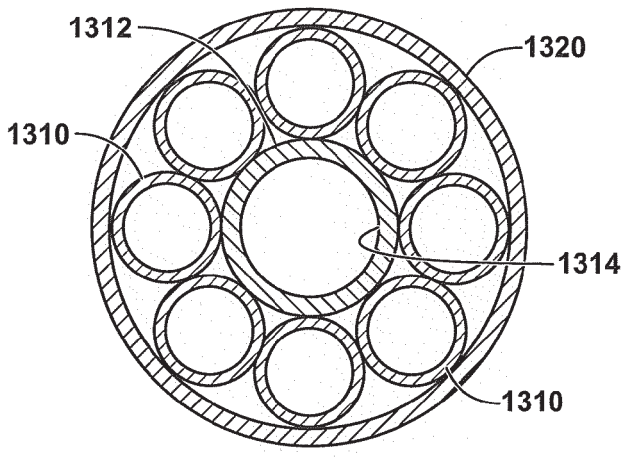


FIG. 13C

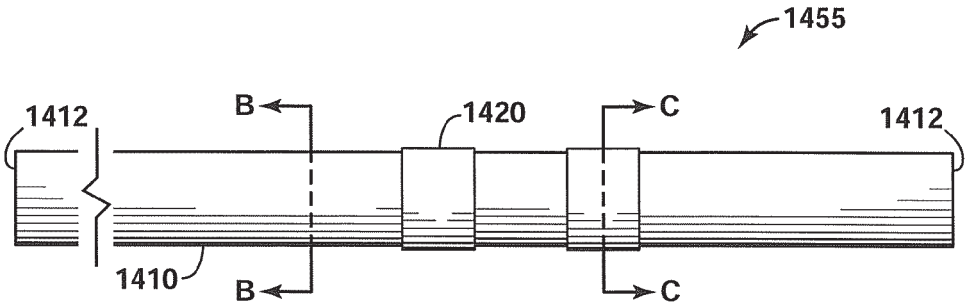


FIG. 14A

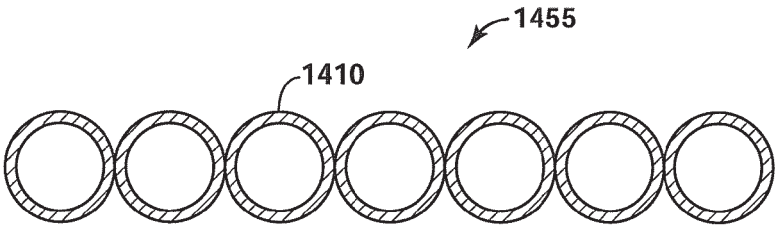


FIG. 14B

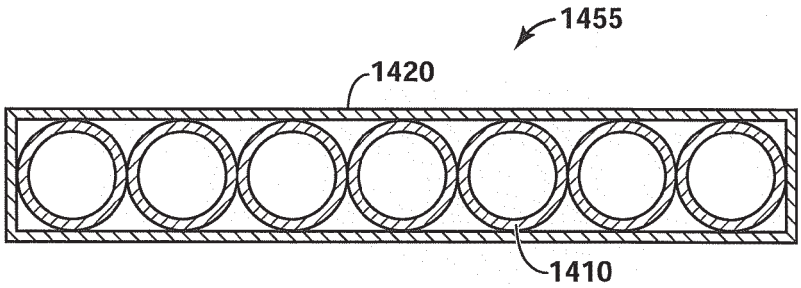


FIG. 14C

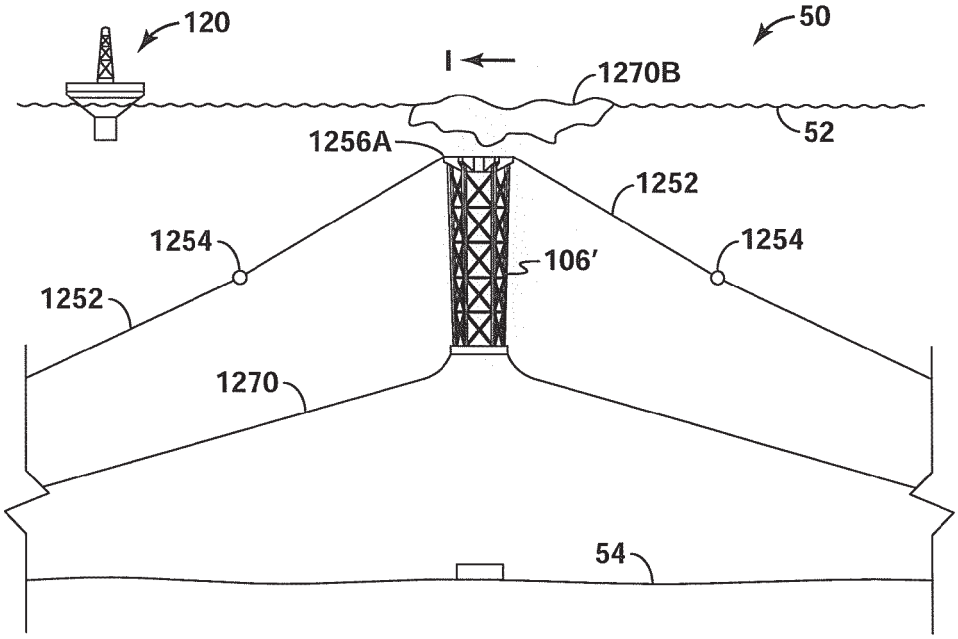


FIG. 15A

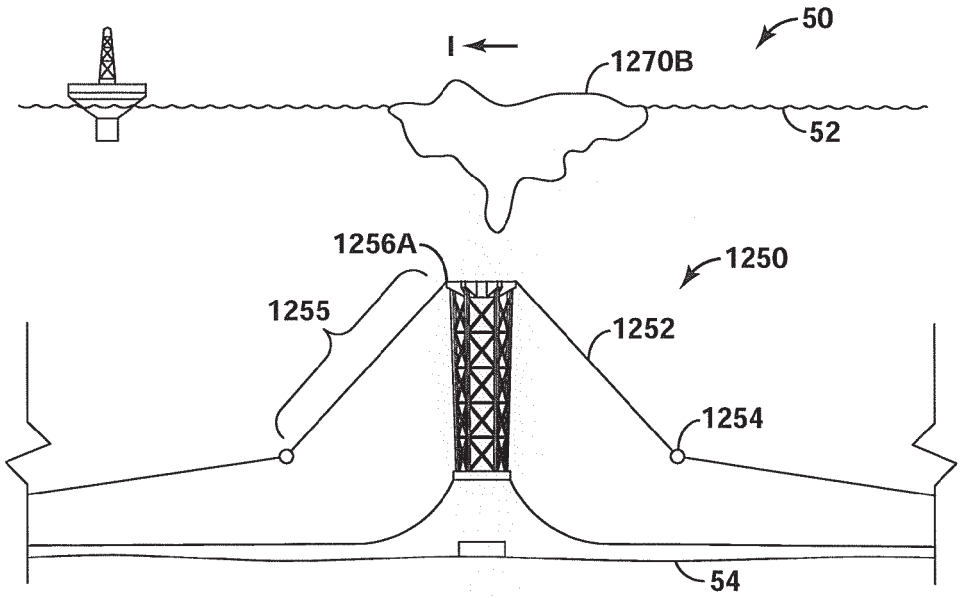


FIG. 15B

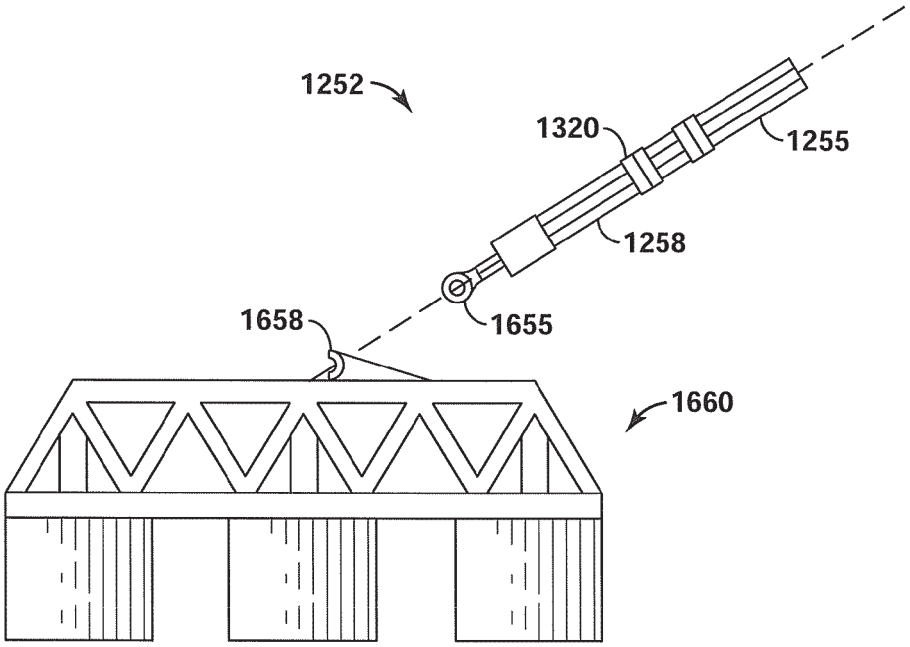


FIG. 16A

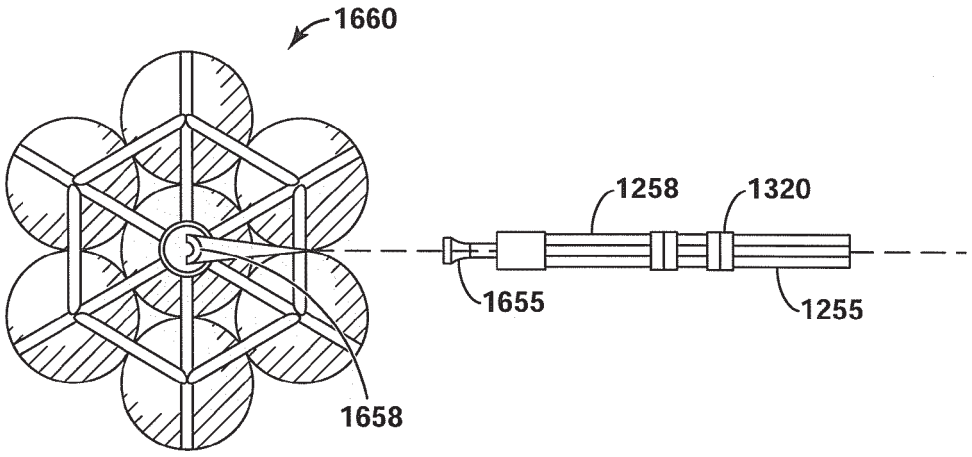


FIG. 16B

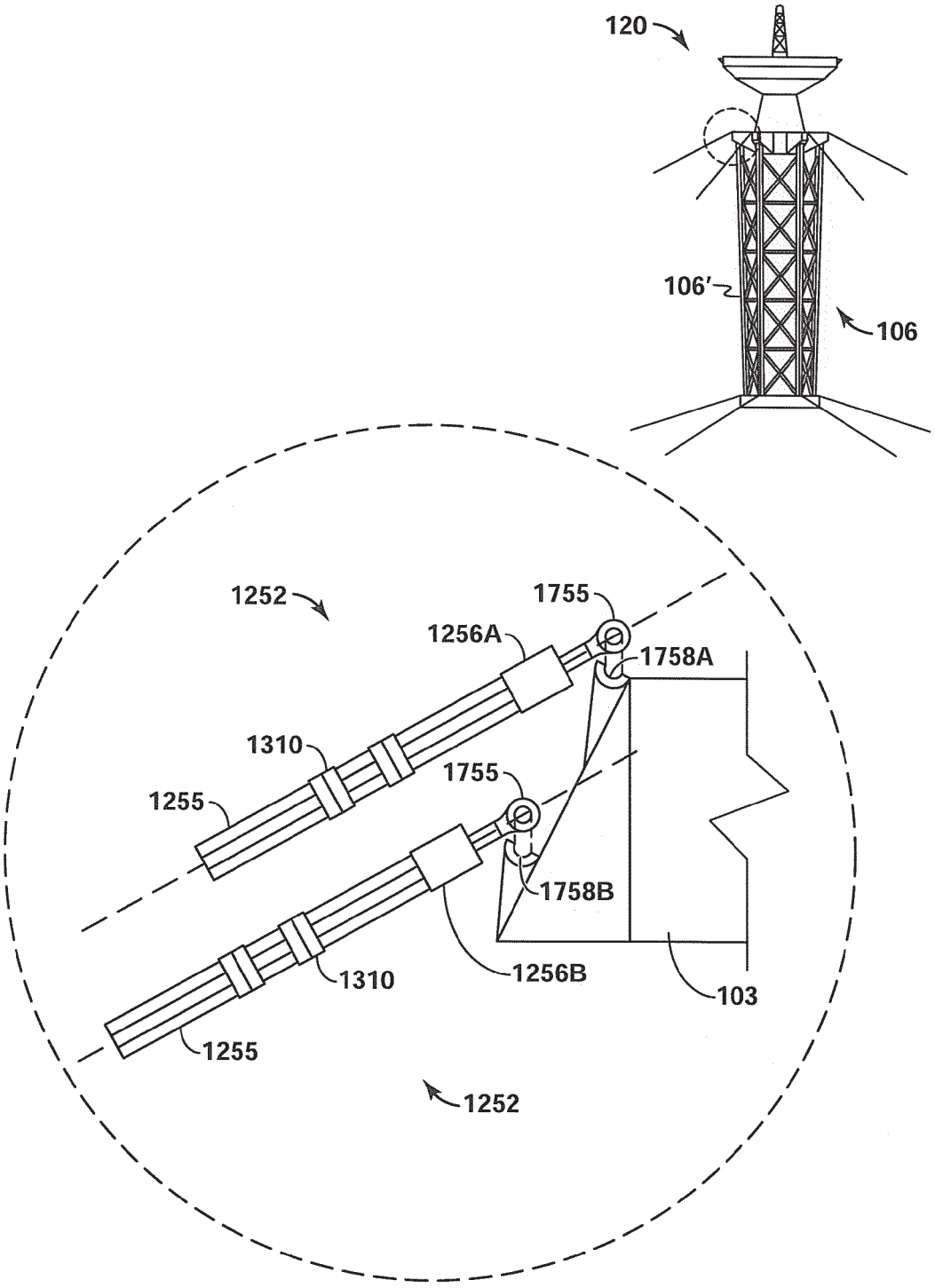

120
106'
106
1252
1755
1256A
1758A
1310
1755
1255
1758B
1310
1256B
103
1255
1252

FIG. 17