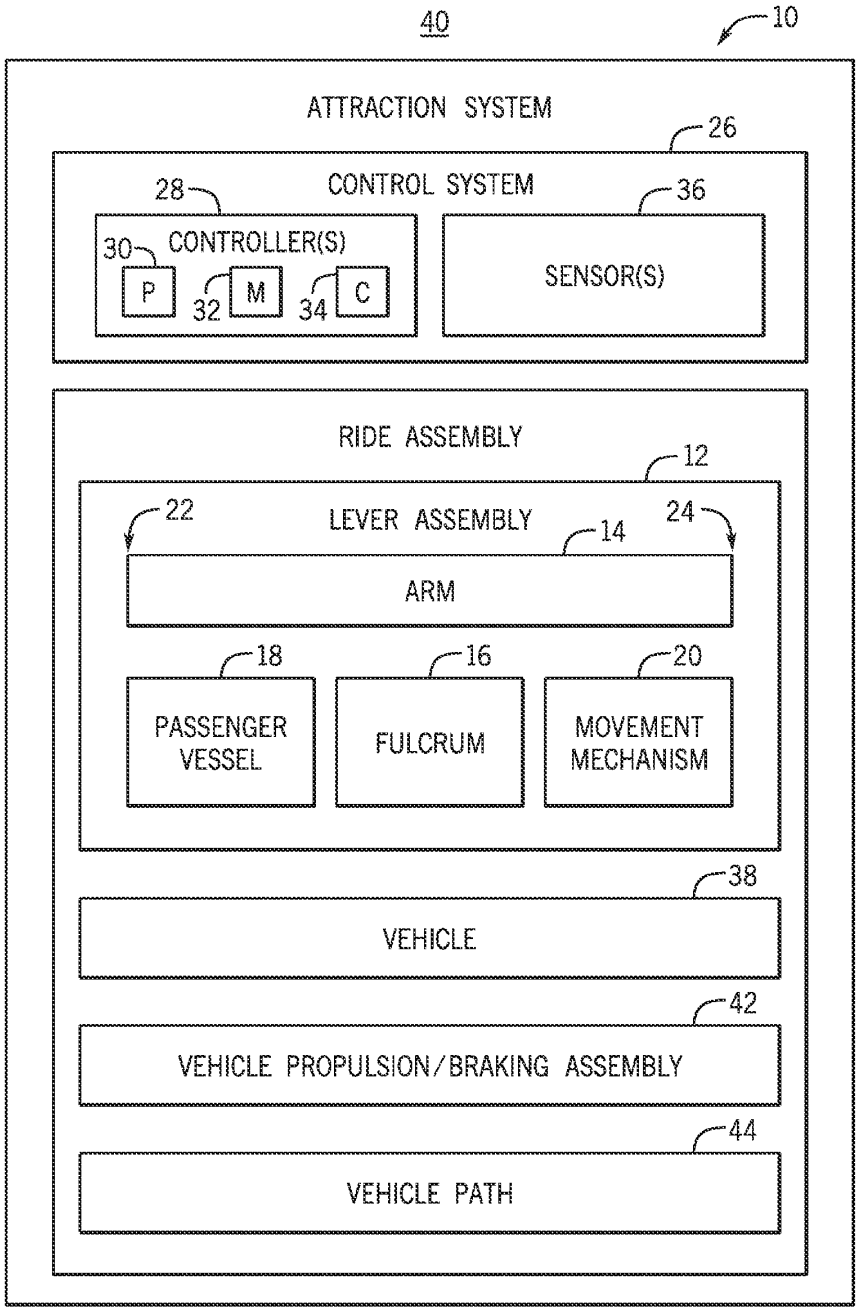

40
10
ATTRACTION SYSTEM
26
CONTROL SYSTEM
28
36
CONTROLLER(S)
30
P
32
M
34
C
SENSOR(S)
RIDE ASSEMBLY
12
22
LEVER ASSEMBLY
24
14
ARM
18
16
20
PASSENGER VESSEL
FULCRUM
MOVEMENT MECHANISM
38
VEHICLE
42
VEHICLE PROPULSION/BRAKING ASSEMBLY
44
VEHICLE PATH

FIG. 1

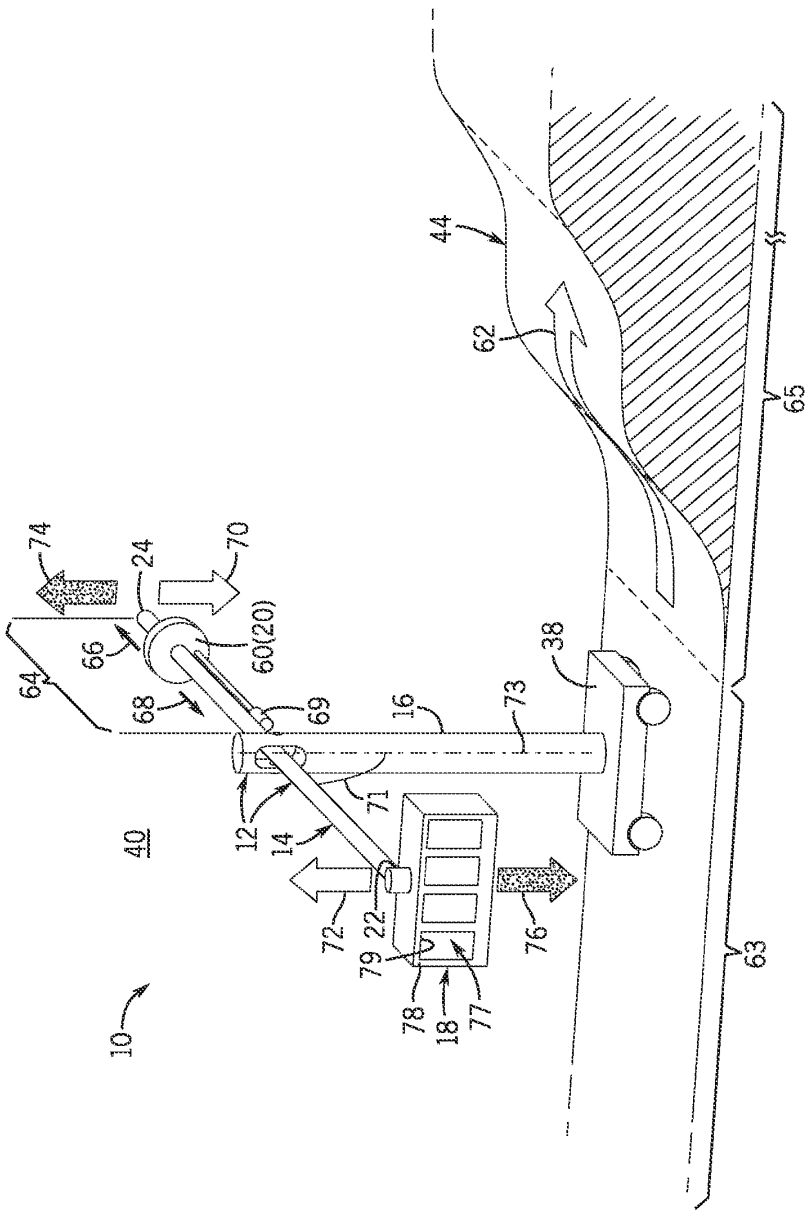

44
62
65
74
24
70
66
60(20)
64
68
69
16
73
38
71
12
14
40
72
22
79
78
18
77
76
63
10

FIG. 2

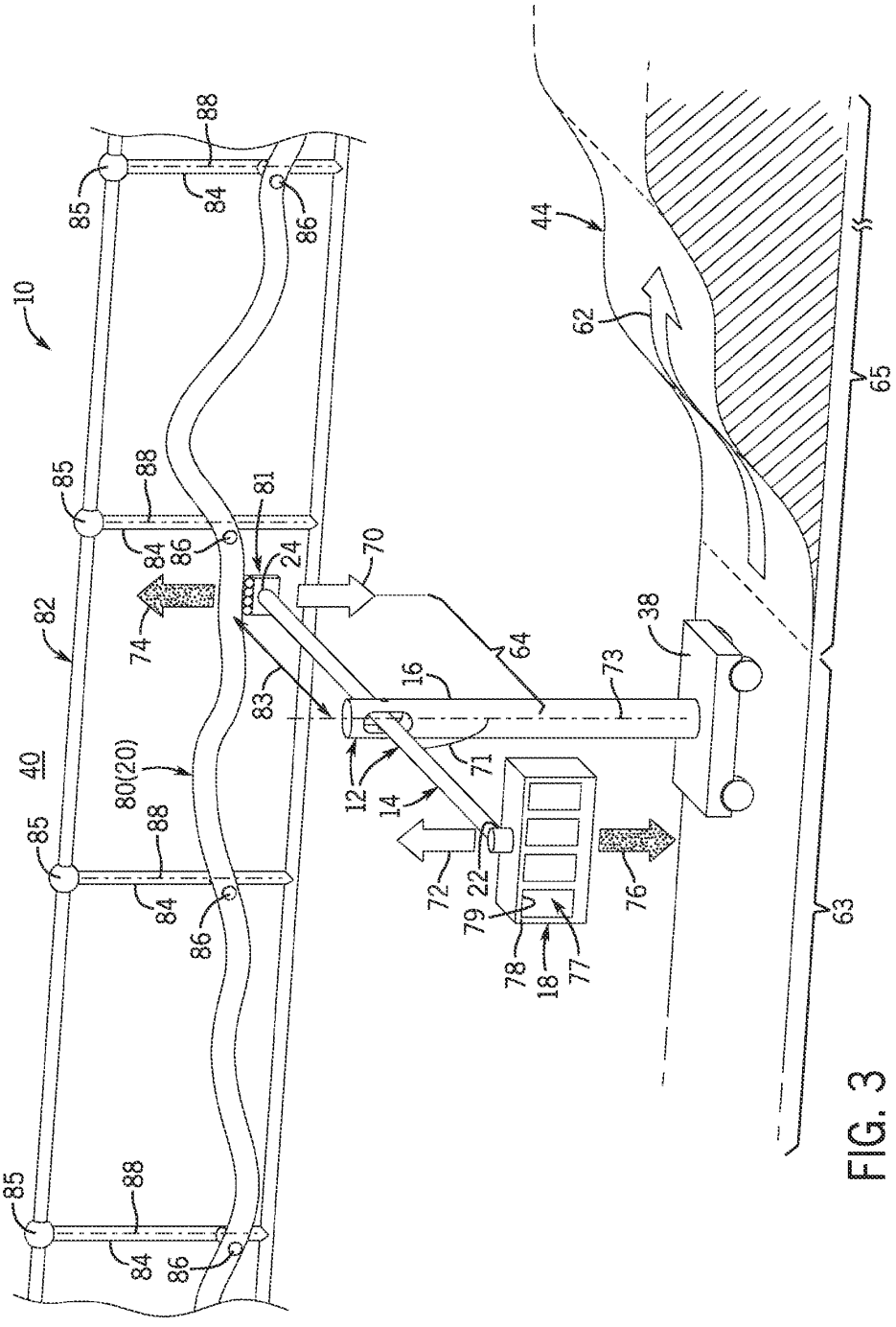

10
82
40
80(20)
85
88
84
86
81
24
70
74
83
16
64
73
38
71
12
14
72
22
79
78
18
77
76
44
62
65
63

FIG. 3

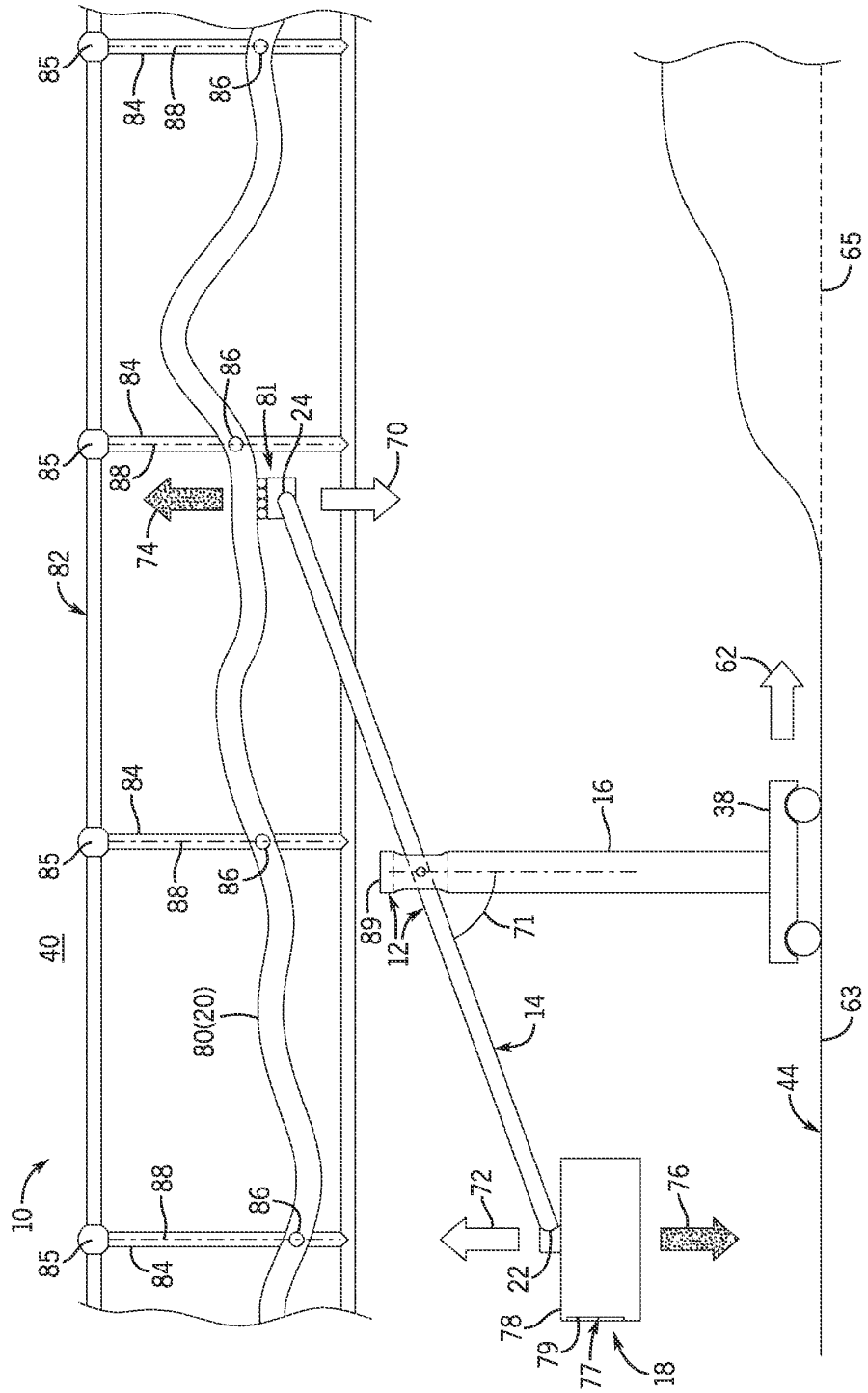

10
85
84
88
86
81
24
70
74
82
40
80(20)
16
38
89
12
71
14
72
22
76
78
79
77
18
62
65
63
44

FIG. 4

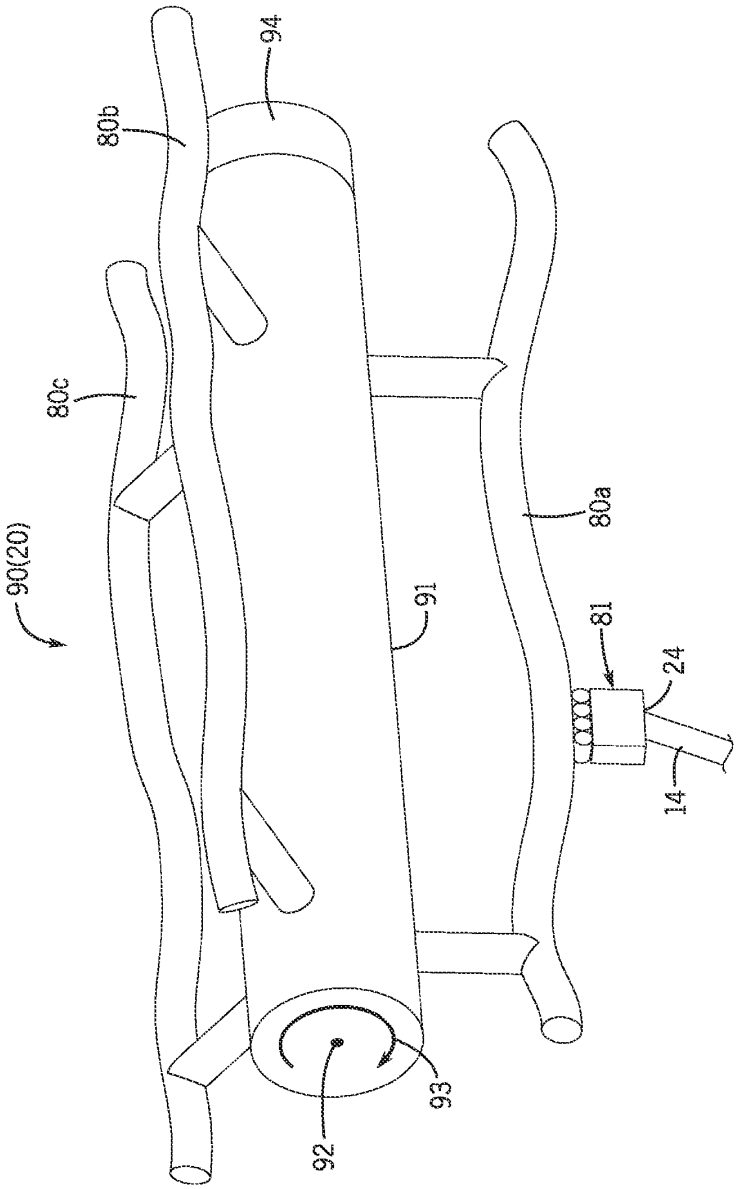


FIG. 5

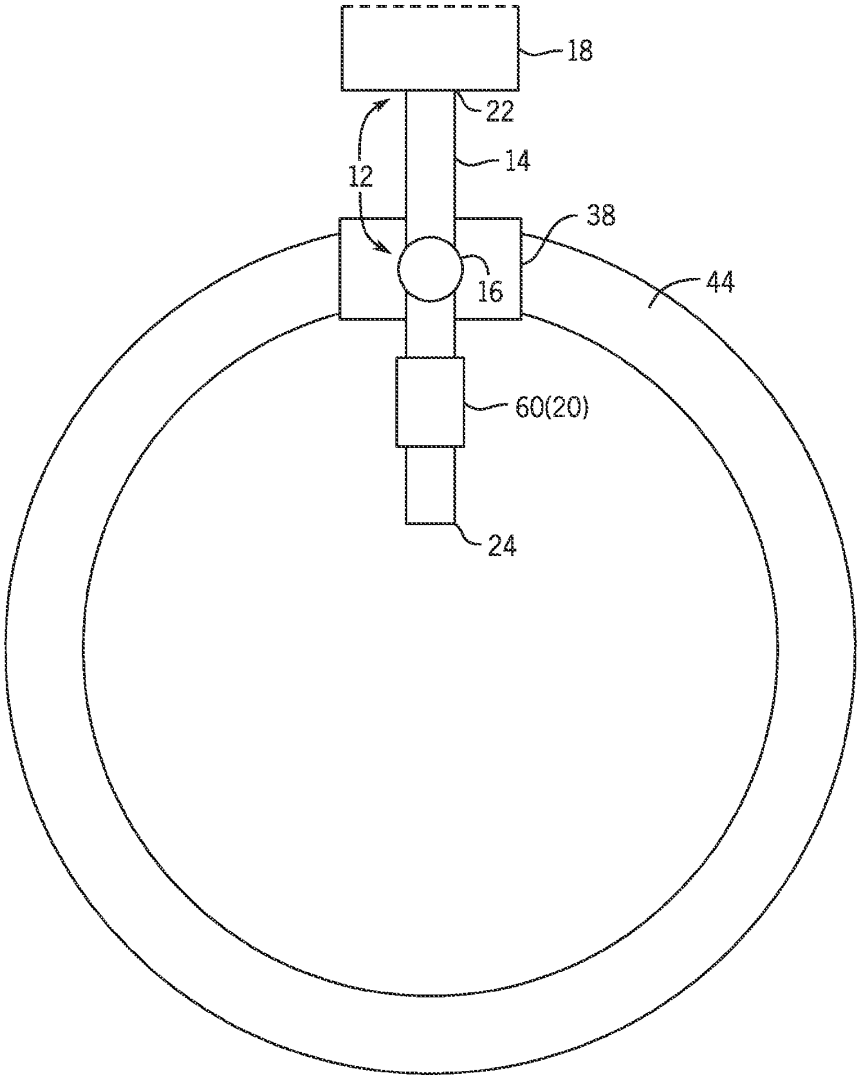


FIG. 6

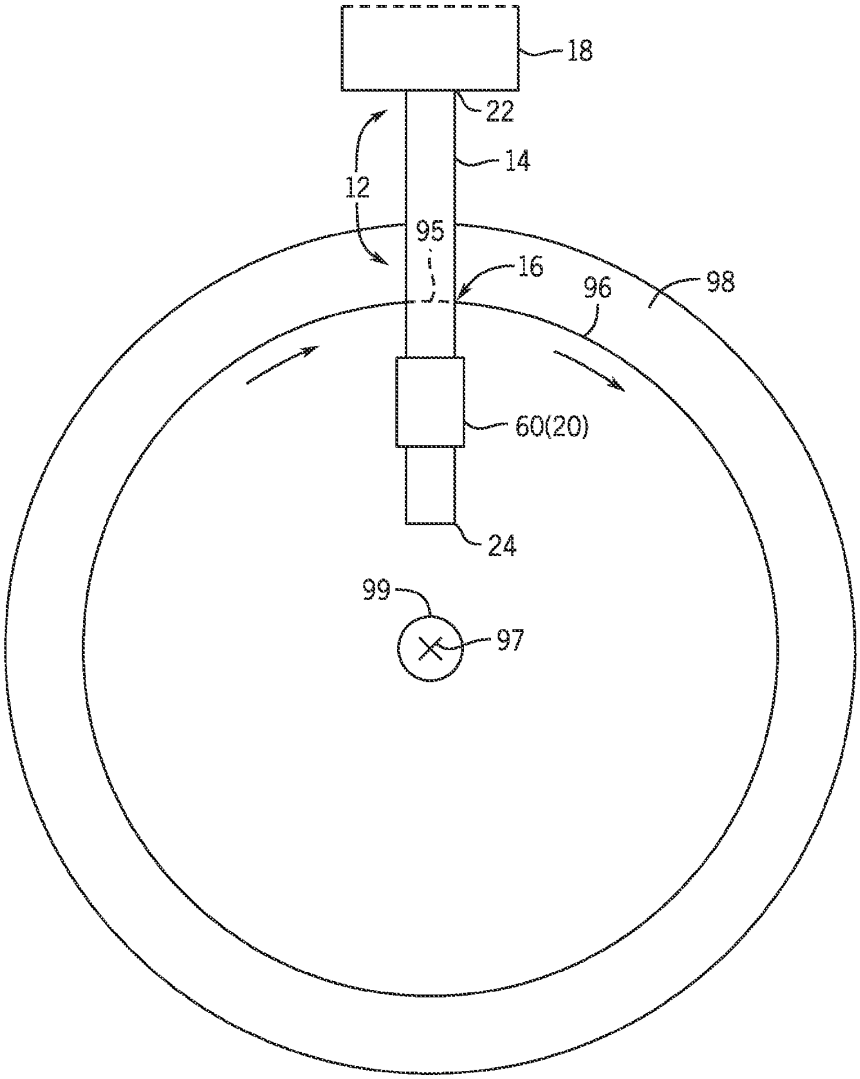


FIG. 7

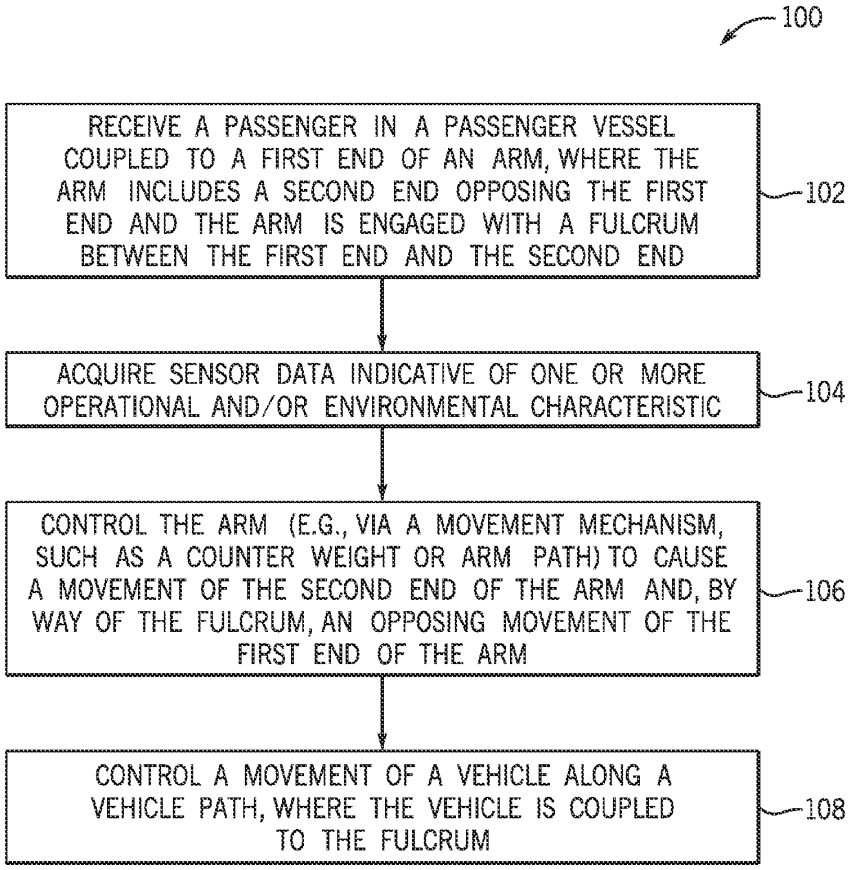
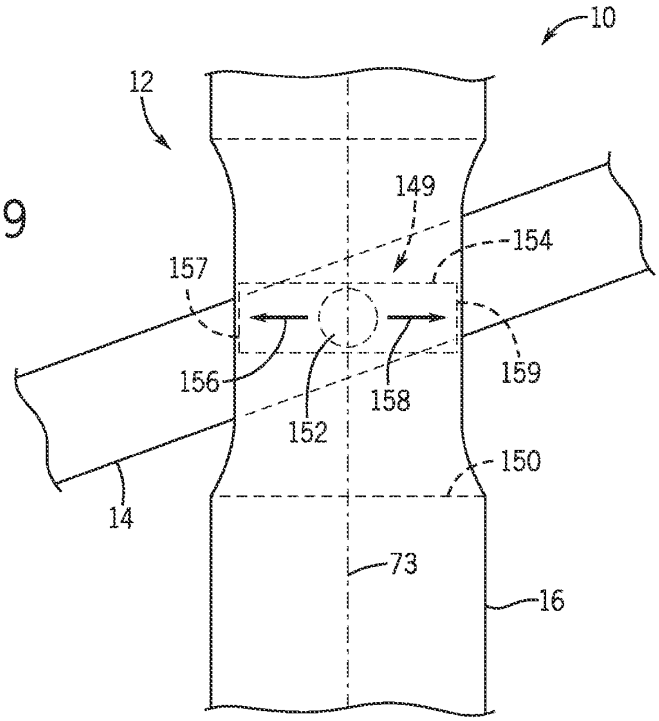

100
RECEIVE A PASSENGER IN A PASSENGER VESSEL COUPLED TO A FIRST END OF AN ARM, WHERE THE ARM INCLUDES A SECOND END OPPOSING THE FIRST END AND THE ARM IS ENGAGED WITH A FULCRUM BETWEEN THE FIRST END AND THE SECOND END
102
ACQUIRE SENSOR DATA INDICATIVE OF ONE OR MORE OPERATIONAL AND/OR ENVIRONMENTAL CHARACTERISTIC
104
CONTROL THE ARM (E.G., VIA A MOVEMENT MECHANISM, SUCH AS A COUNTER WEIGHT OR ARM PATH) TO CAUSE A MOVEMENT OF THE SECOND END OF THE ARM AND, BY WAY OF THE FULCRUM, AN OPPOSING MOVEMENT OF THE FIRST END OF THE ARM
106
CONTROL A MOVEMENT OF A VEHICLE ALONG A VEHICLE PATH, WHERE THE VEHICLE IS COUPLED TO THE FULCRUM
108

FIG. 8

FIG. 9


10
12
149
154
157
156
152
158
159
150
14
73
16

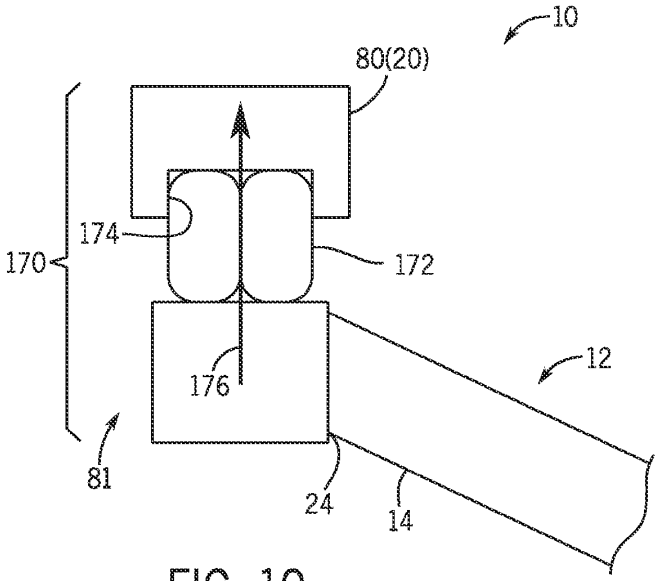

10
80(20)
174
170
172
176
12
81
24
14

FIG. 10