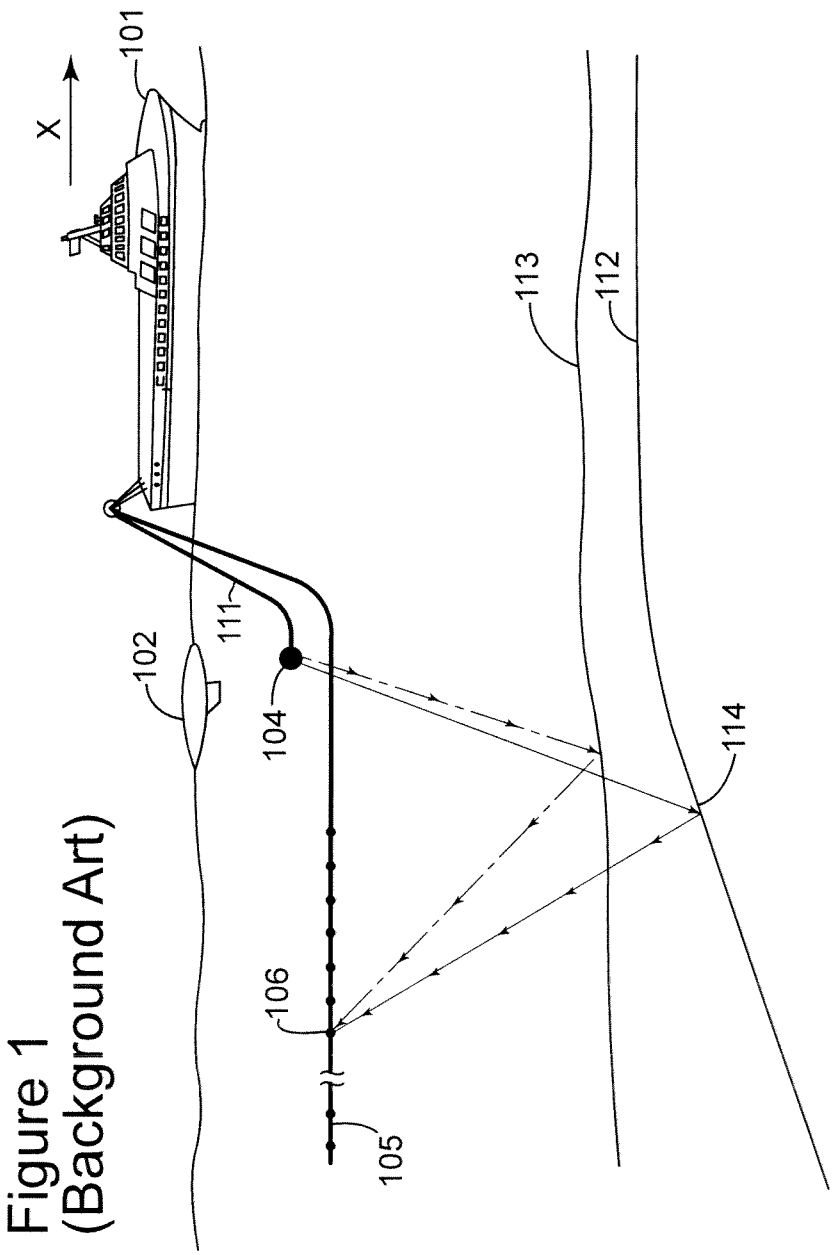


Figure 1
(Background Art)

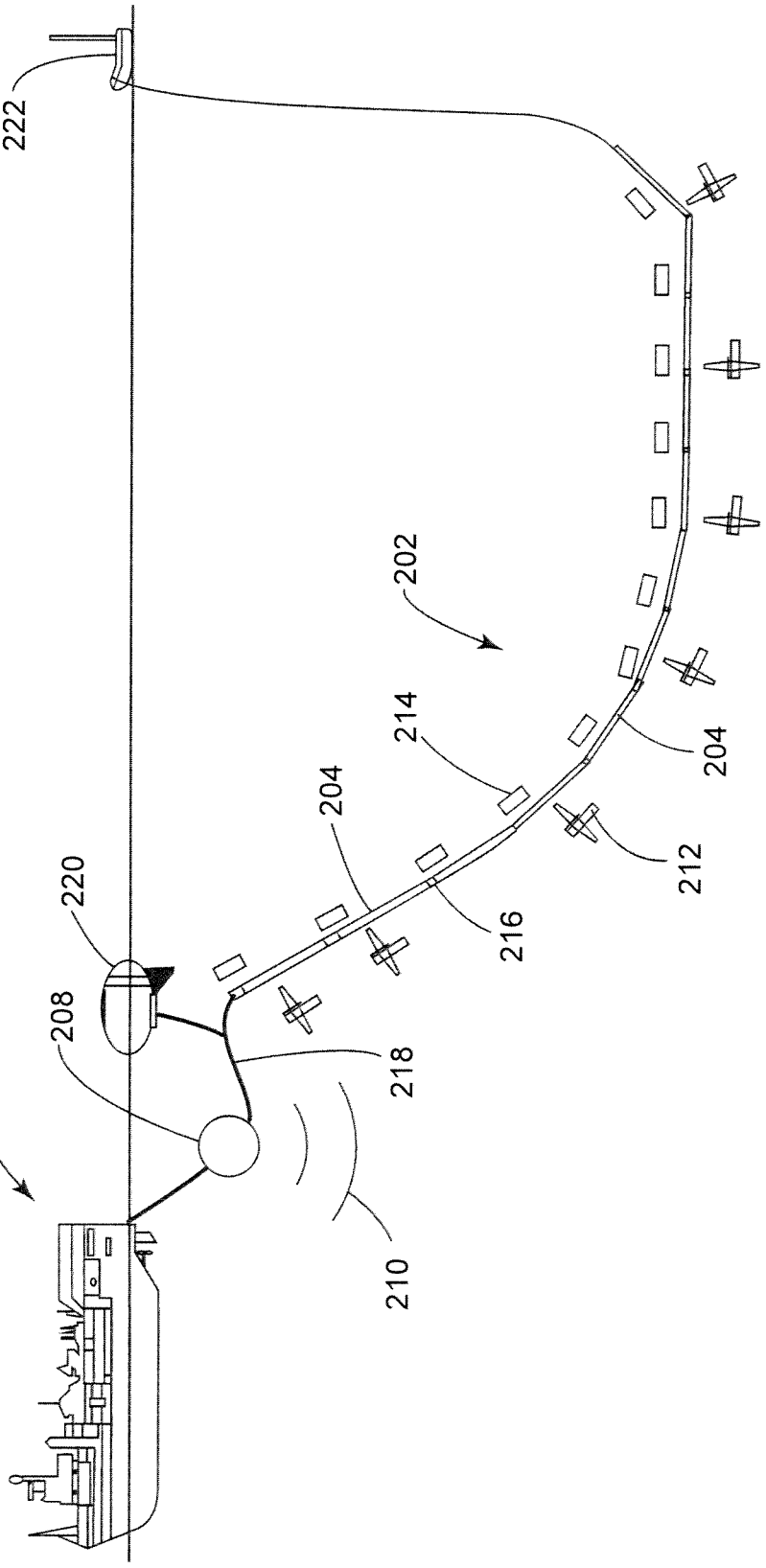


Figure 2

Figure. 3

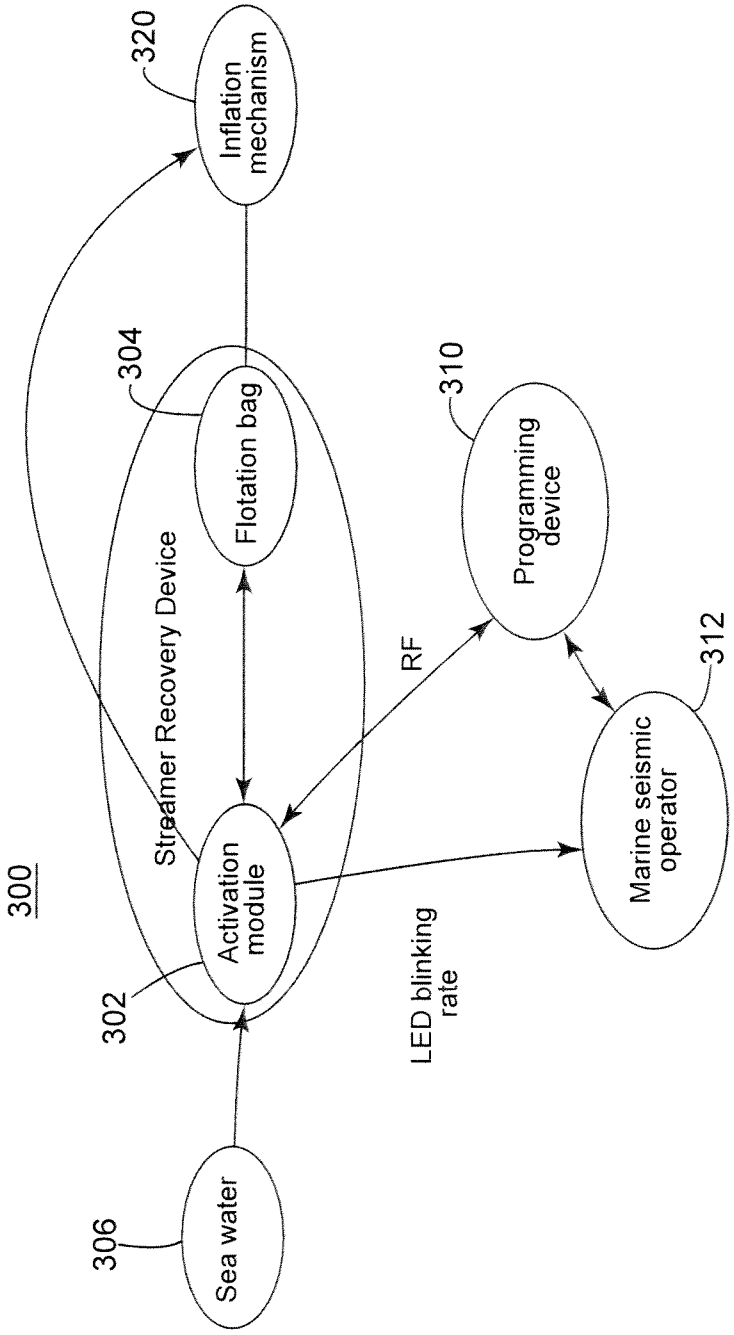
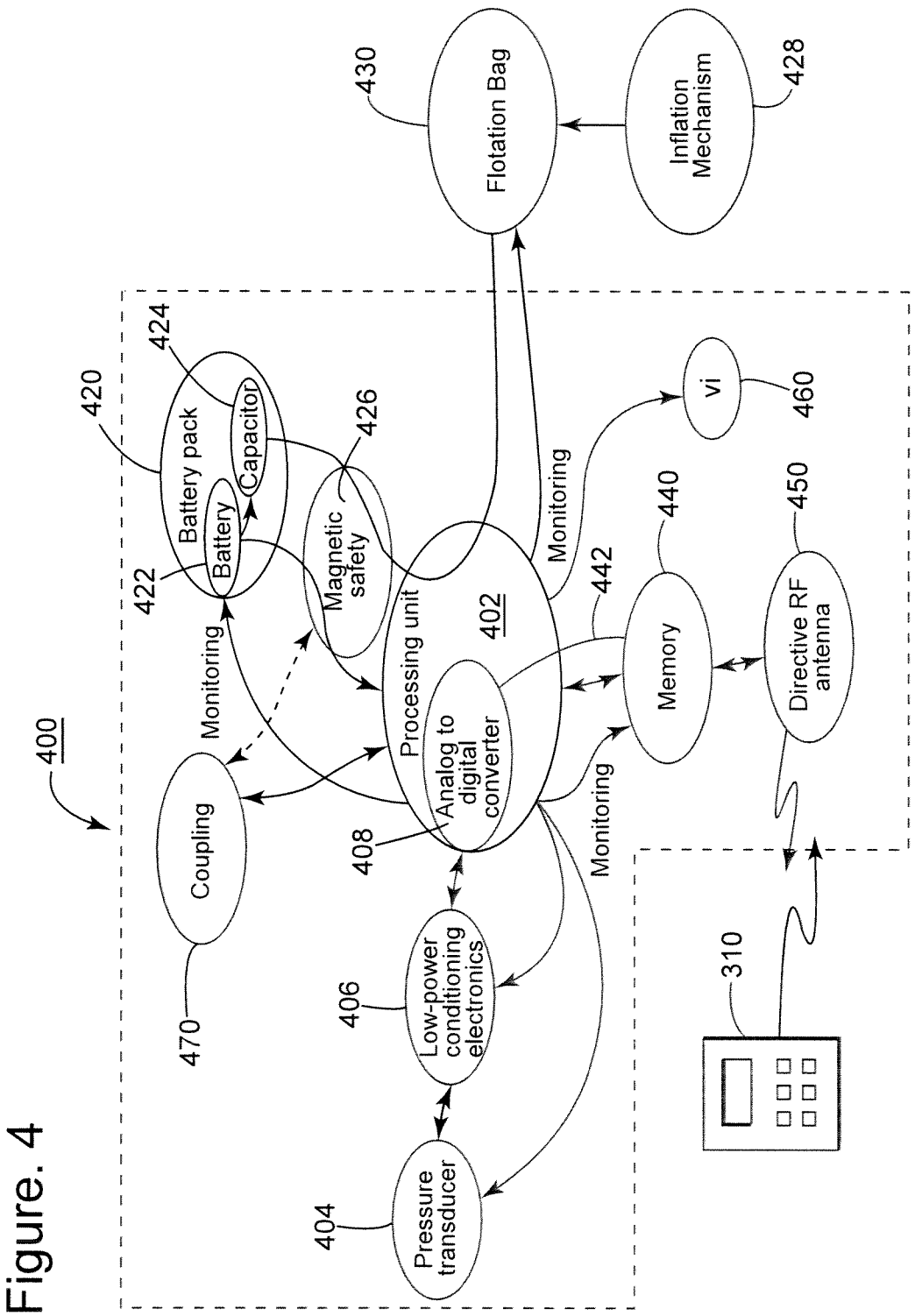

300
Streamer Recovery Device
Inflation mechanism
320
304
Flotation bag
310
Programming device
RF
312
Marine seismic operator
Activation module
302
LED blinking rate
Sea water
306

Figure. 4


400
420
424
Battery pack
Capacitor
Battery
422
426
Magnetic safety
Monitoring
Coupling
470
Processing unit
402
Analog to digital converter
408
Low-power conditioning electronics
406
Pressure transducer
404
Monitoring
Monitoring
Flotation Bag
430
Inflation Mechanism
428
vi
460
Memory
440
442
Directive RF antenna
450
310

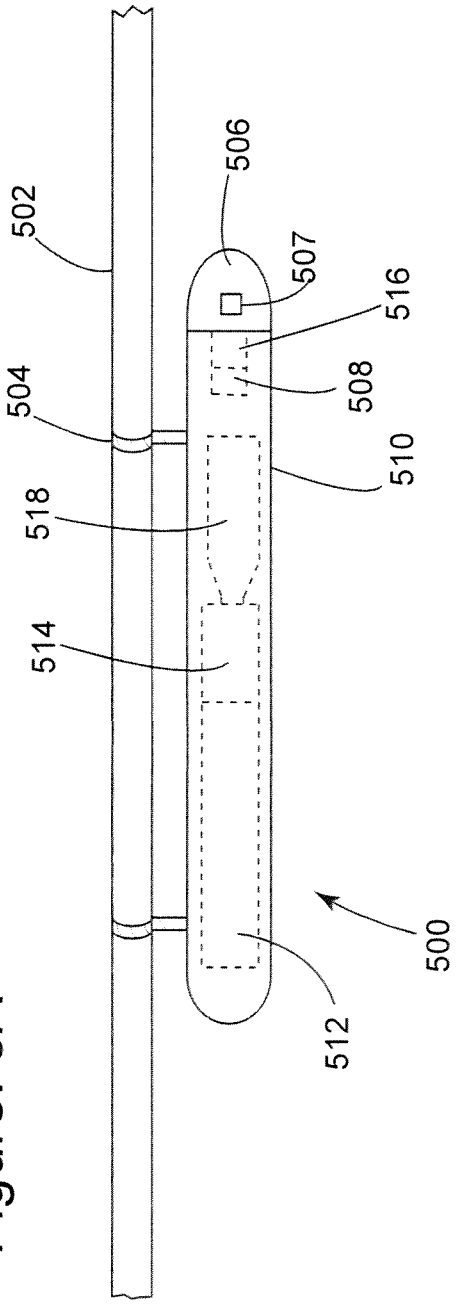


Figure. 5A

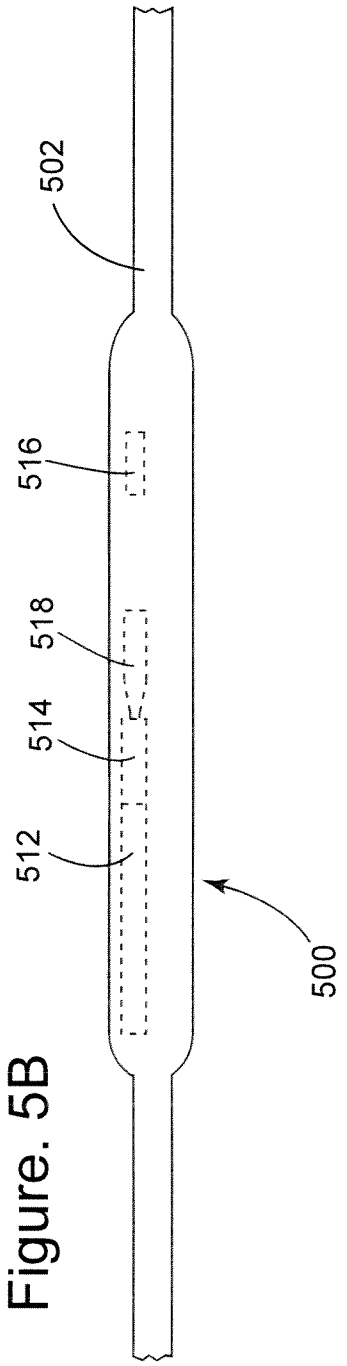
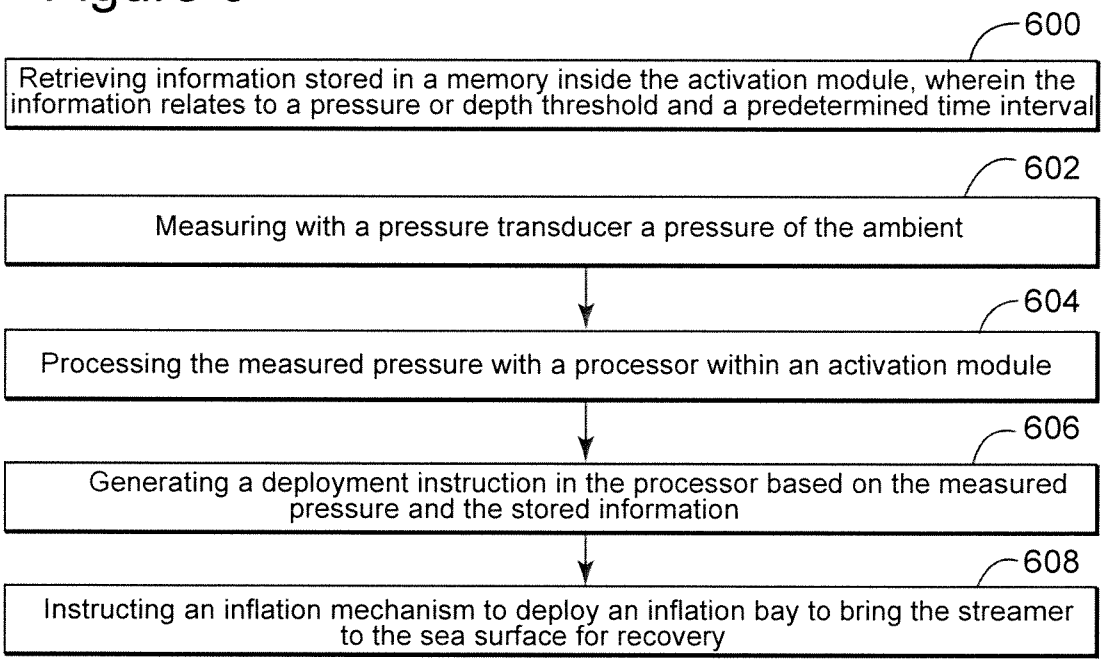


Figure. 5B

Figure 6


600
Retrieving information stored in a memory inside the activation module, wherein the information relates to a pressure or depth threshold and a predetermined time interval
602
Measuring with a pressure transducer a pressure of the ambient
604
Processing the measured pressure with a processor within an activation module
606
Generating a deployment instruction in the processor based on the measured pressure and the stored information
608
Instructing an inflation mechanism to deploy an inflation bay to bring the streamer to the sea surface for recovery

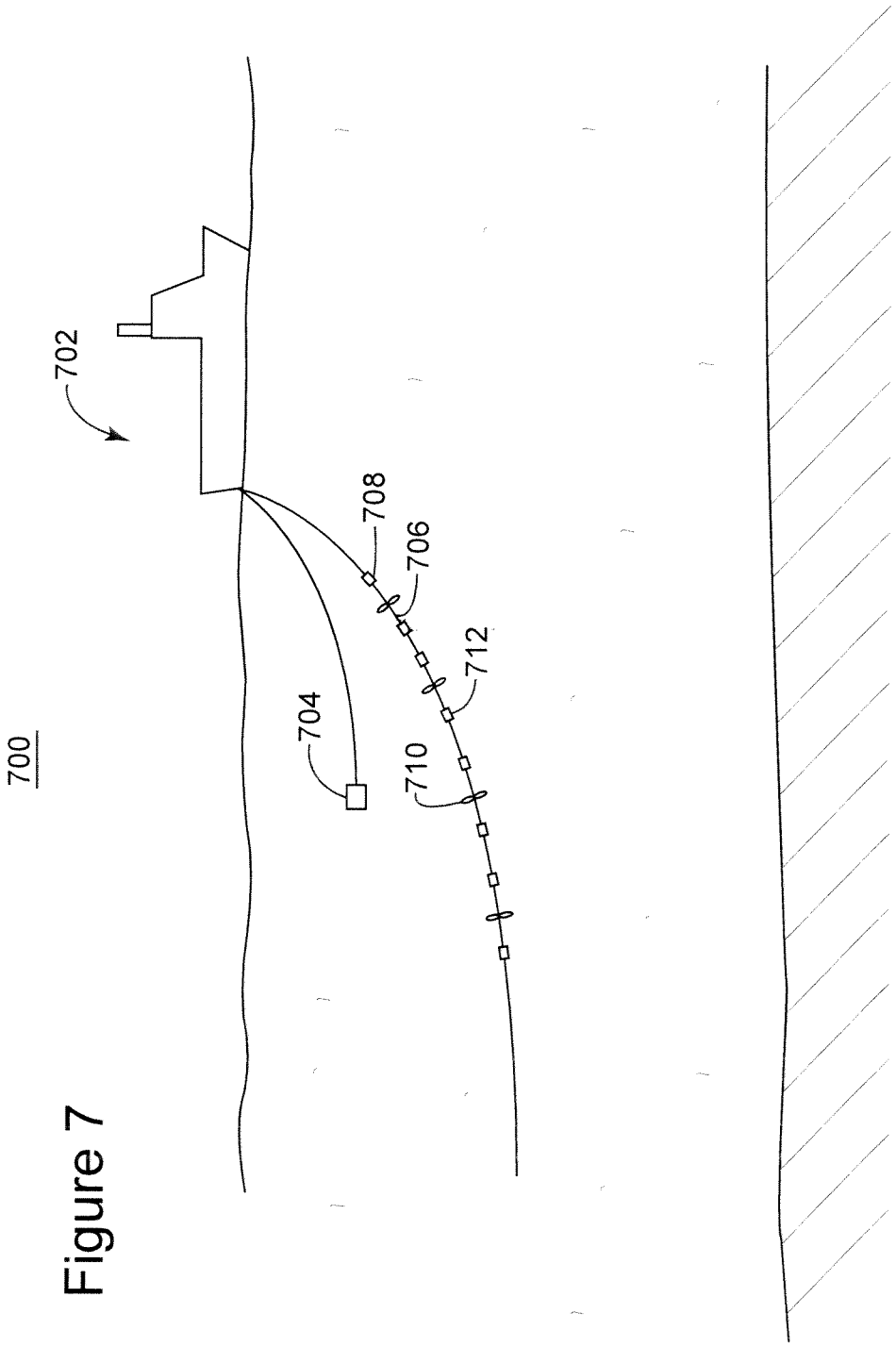


Figure 7