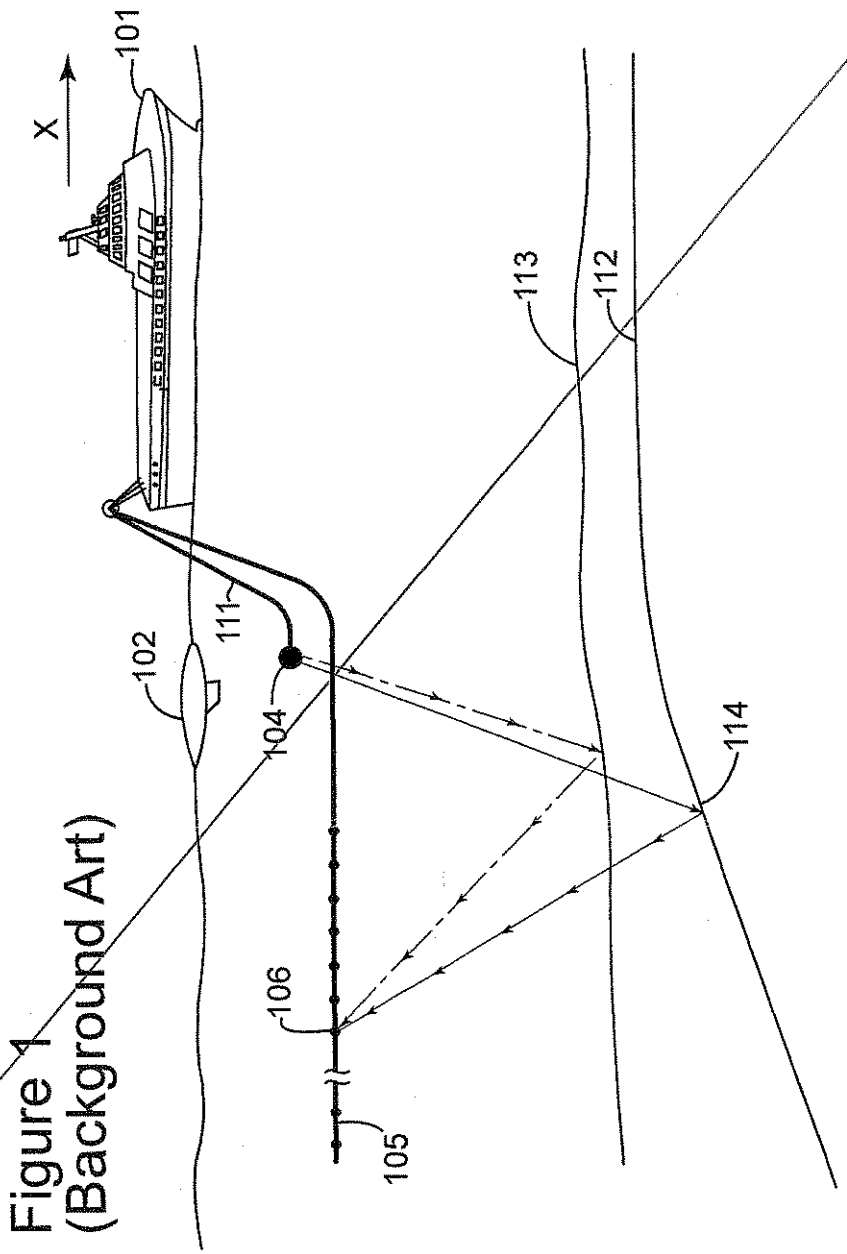


Figure 1
(Background Art)

Figure 2

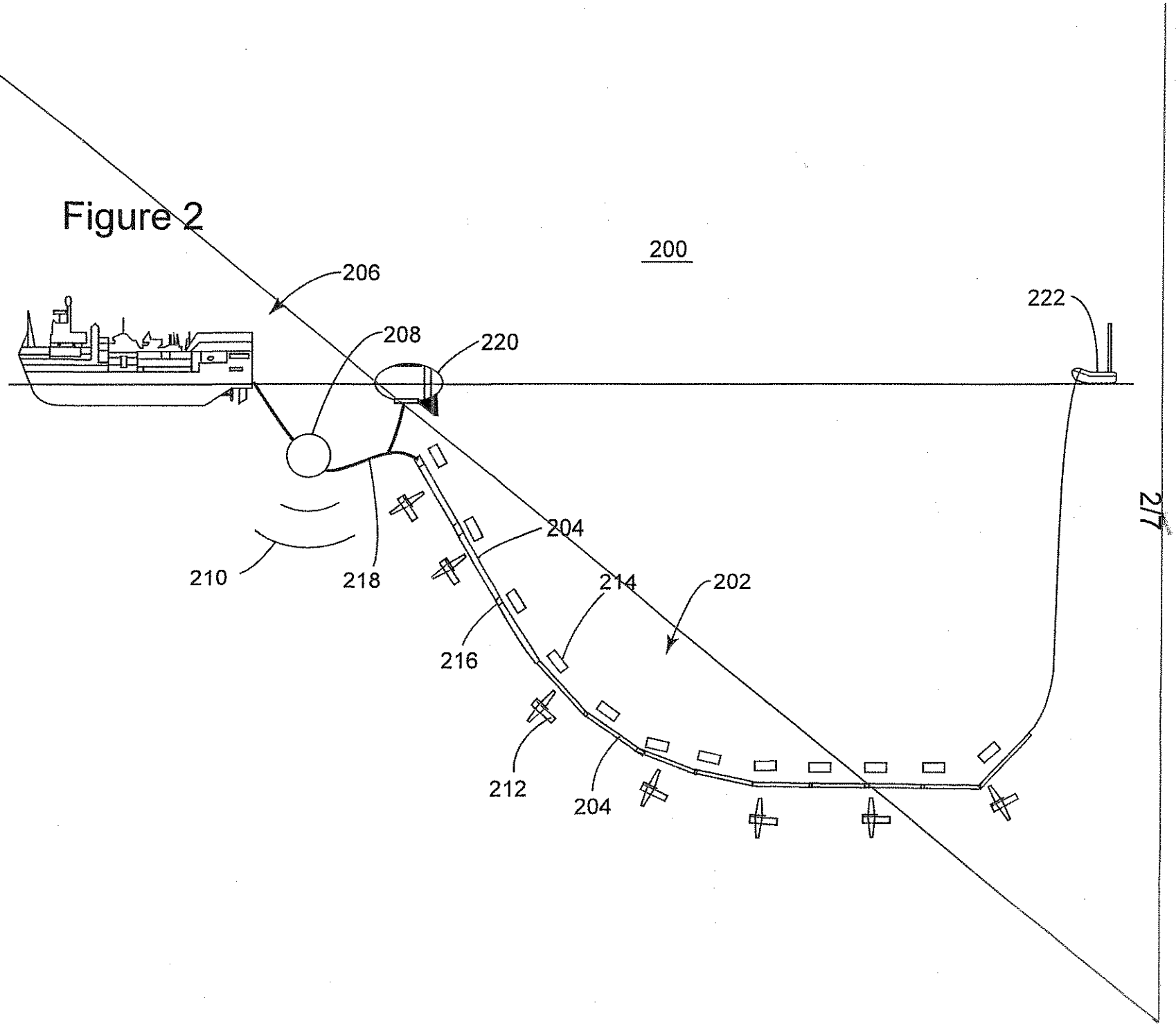


Figure. 3

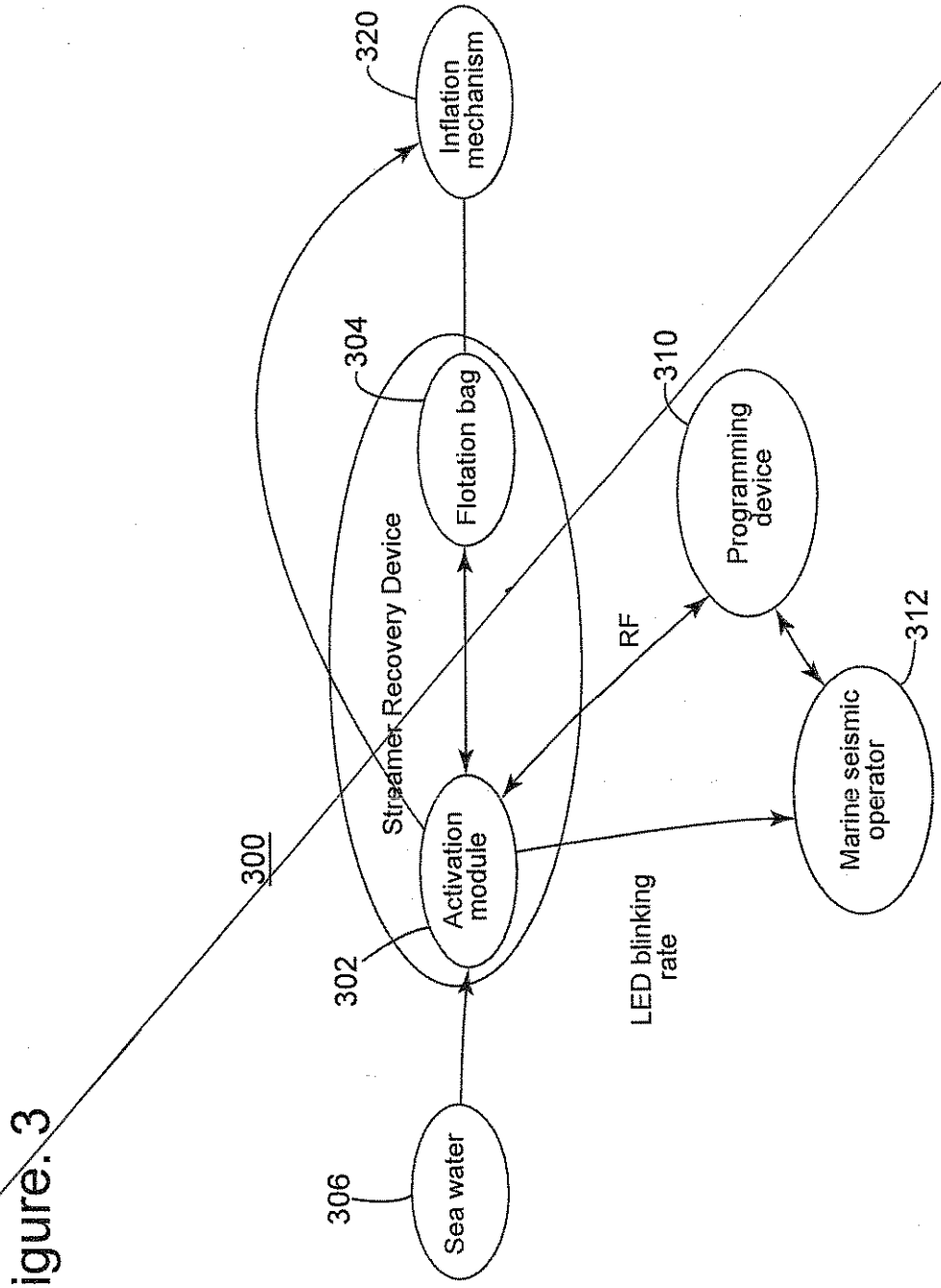

300
Streamer Recovery Device
Inflation mechanism
320
Flotation bag
304
Activation module
302
Sea water
306
Programming device
310
Marine seismic operator
312
RF
LED blinking rate

Figure. 4

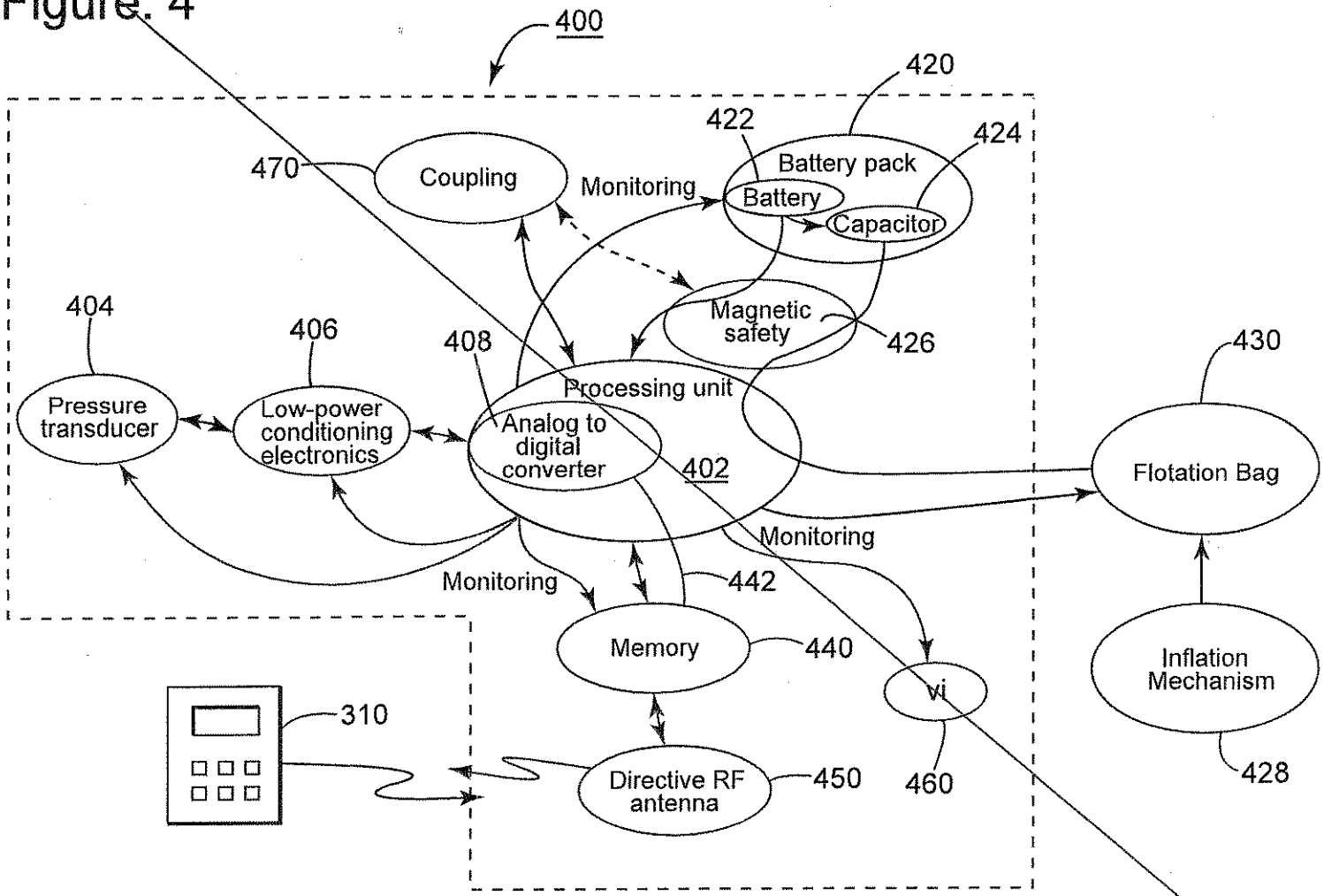

400
420
422
424
470
Coupling
Monitoring
Battery pack
Battery
Capacitor
Magnetic safety
426
404
406
408
Pressure transducer
Low-power conditioning electronics
Processing unit
Analog to digital converter
402
430
Flotation Bag
Monitoring
Monitoring
442
Memory
440
vi
Inflation Mechanism
310
Directive RF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

Figure. 5A

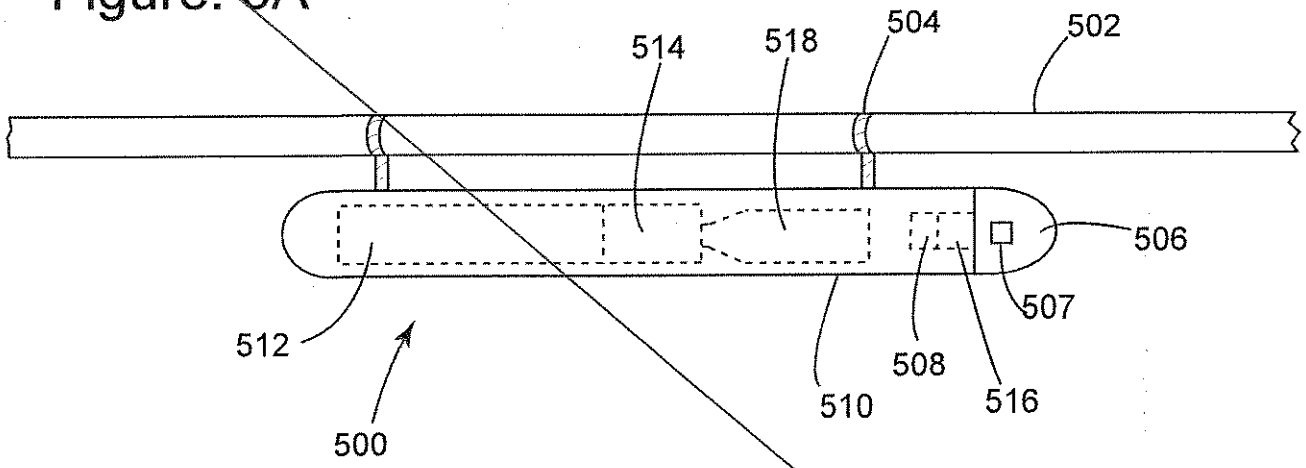


Figure. 5B

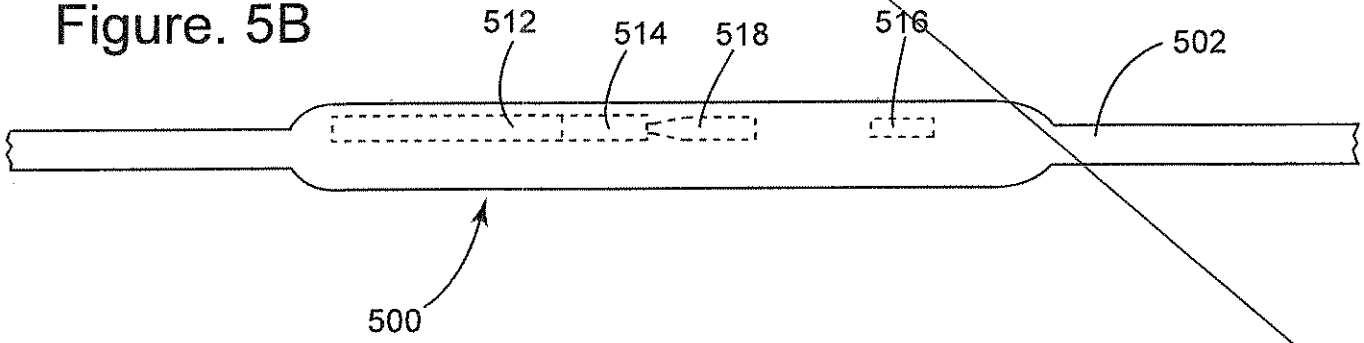
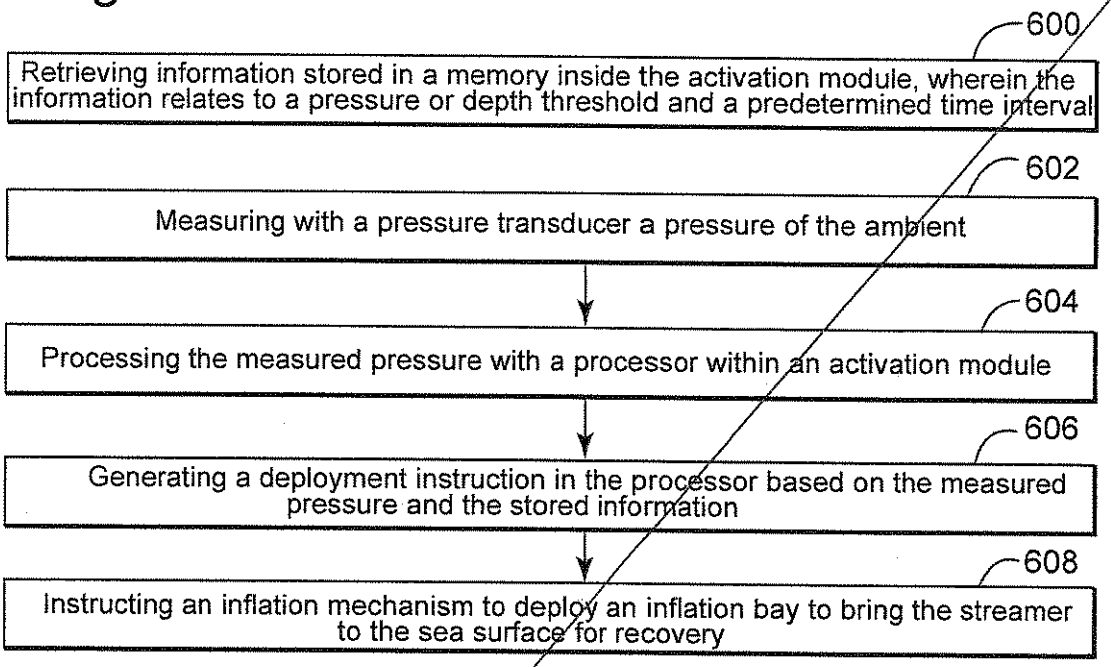


Figure 6


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

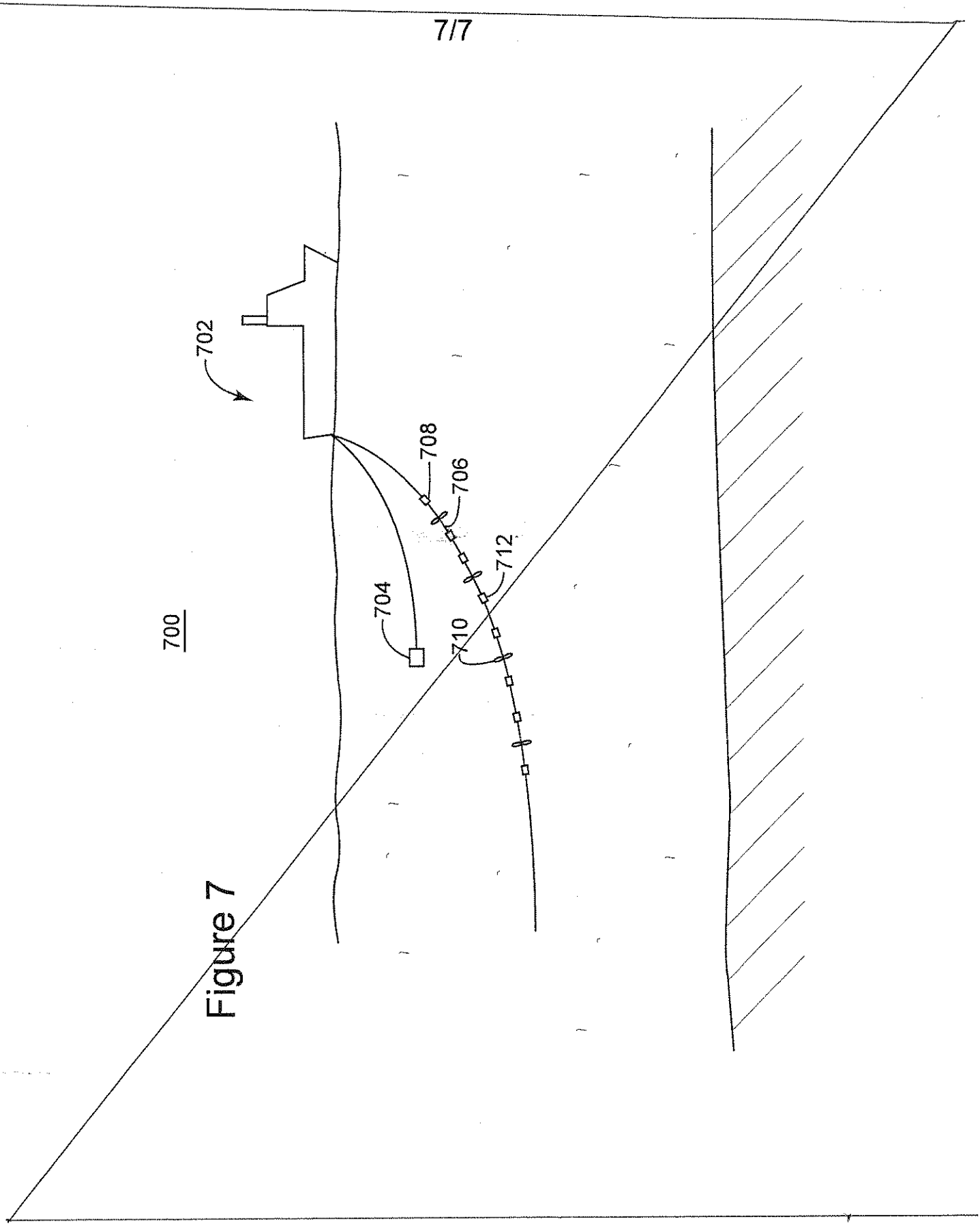
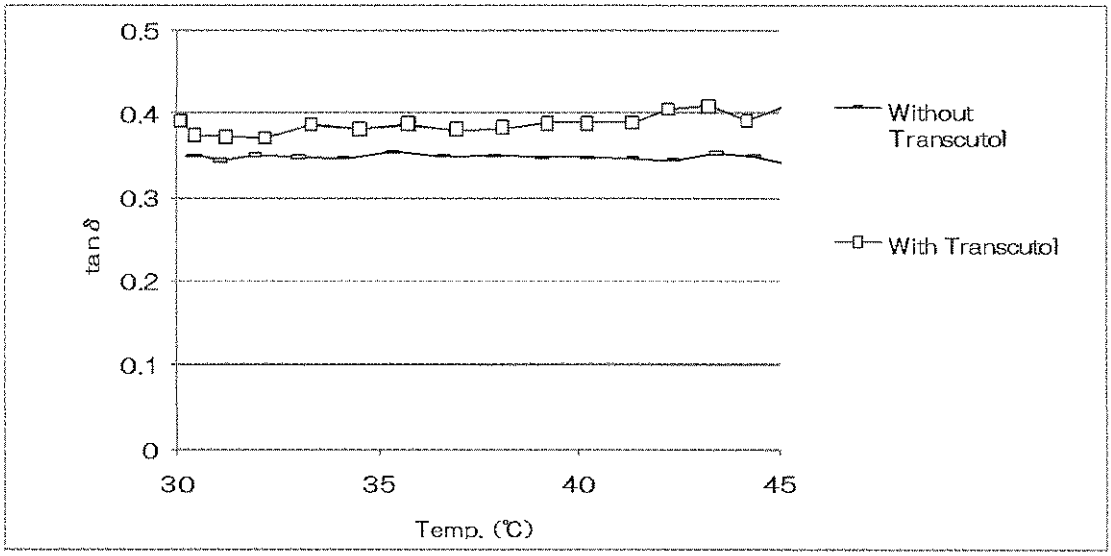
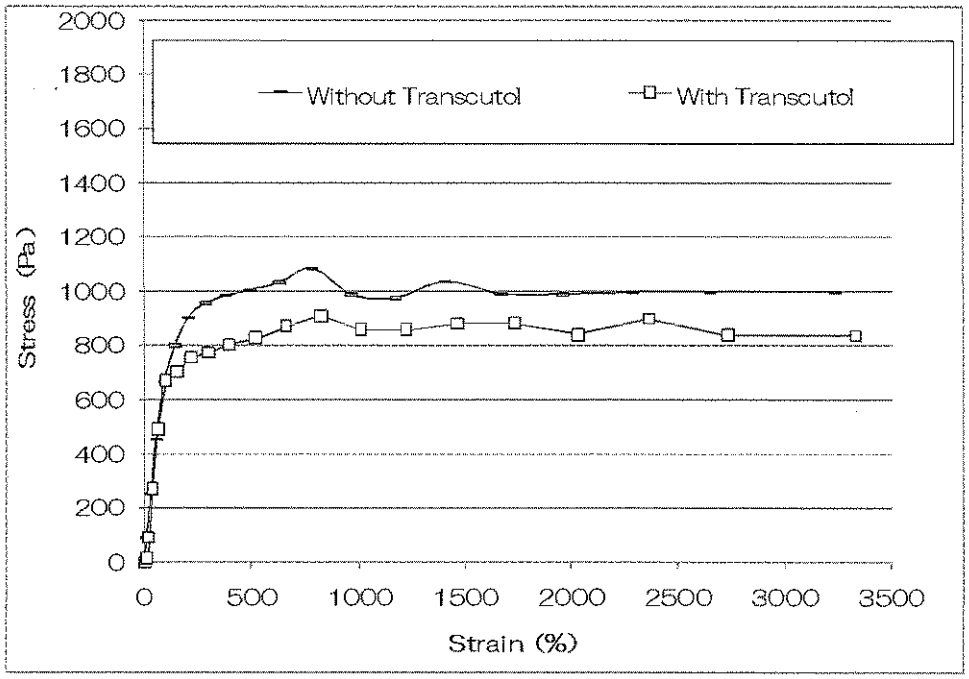


Figure 7

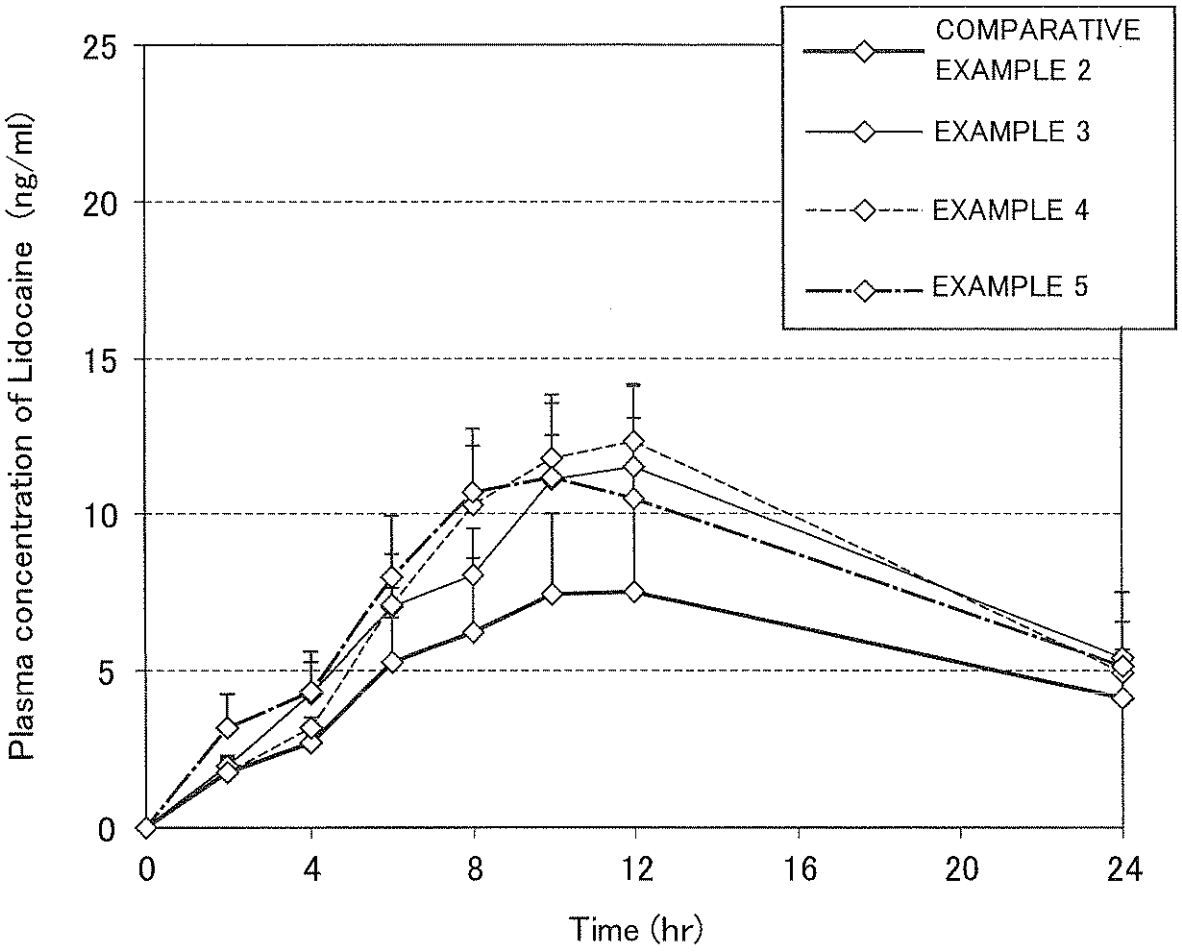
[FIG. 1]


0.5
0.4
0.3
0.2
0.1
0
tanδ
30
35
40
45
Temp. (℃)
Without Transcutol
With Transcutol

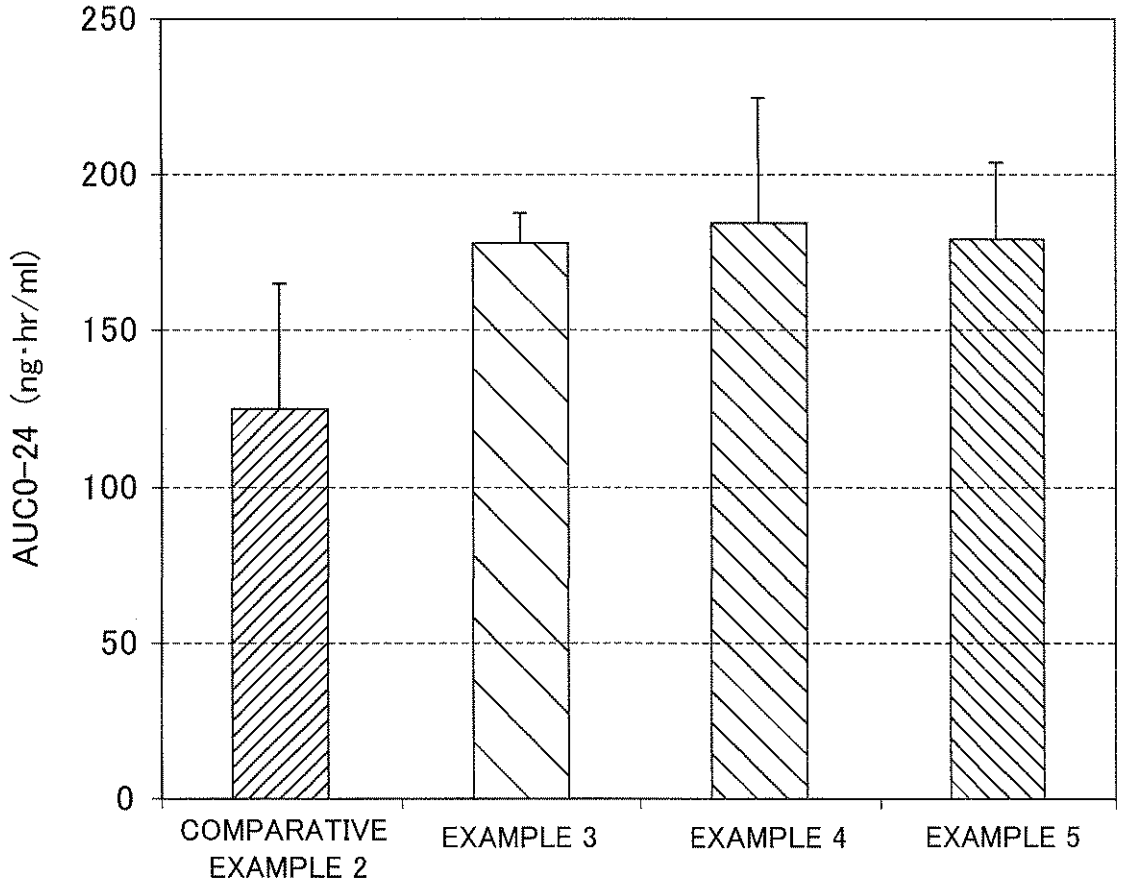
[FIG. 2]


2000
1800
1600
1400
1200
1000
800
600
400
200
0
Stress (Pa)
0
500
1000
1500
2000
2500
3000
3500
Strain (%)
Without Transcutol
With Transcutol

[FIG. 3]


COMPARATIVE EXAMPLE 2
EXAMPLE 3
EXAMPLE 4
EXAMPLE 5
Plasma concentration of Lidocaine (ng/ml)
25
20
15
10
5
0
0
4
8
12
16
20
24
Time (hr)

[FIG. 4]


250
200
150
100
50
0
AUC0-24 (ng·hr/ml)
COMPARATIVE EXAMPLE 2
EXAMPLE 3
EXAMPLE 4
EXAMPLE 5