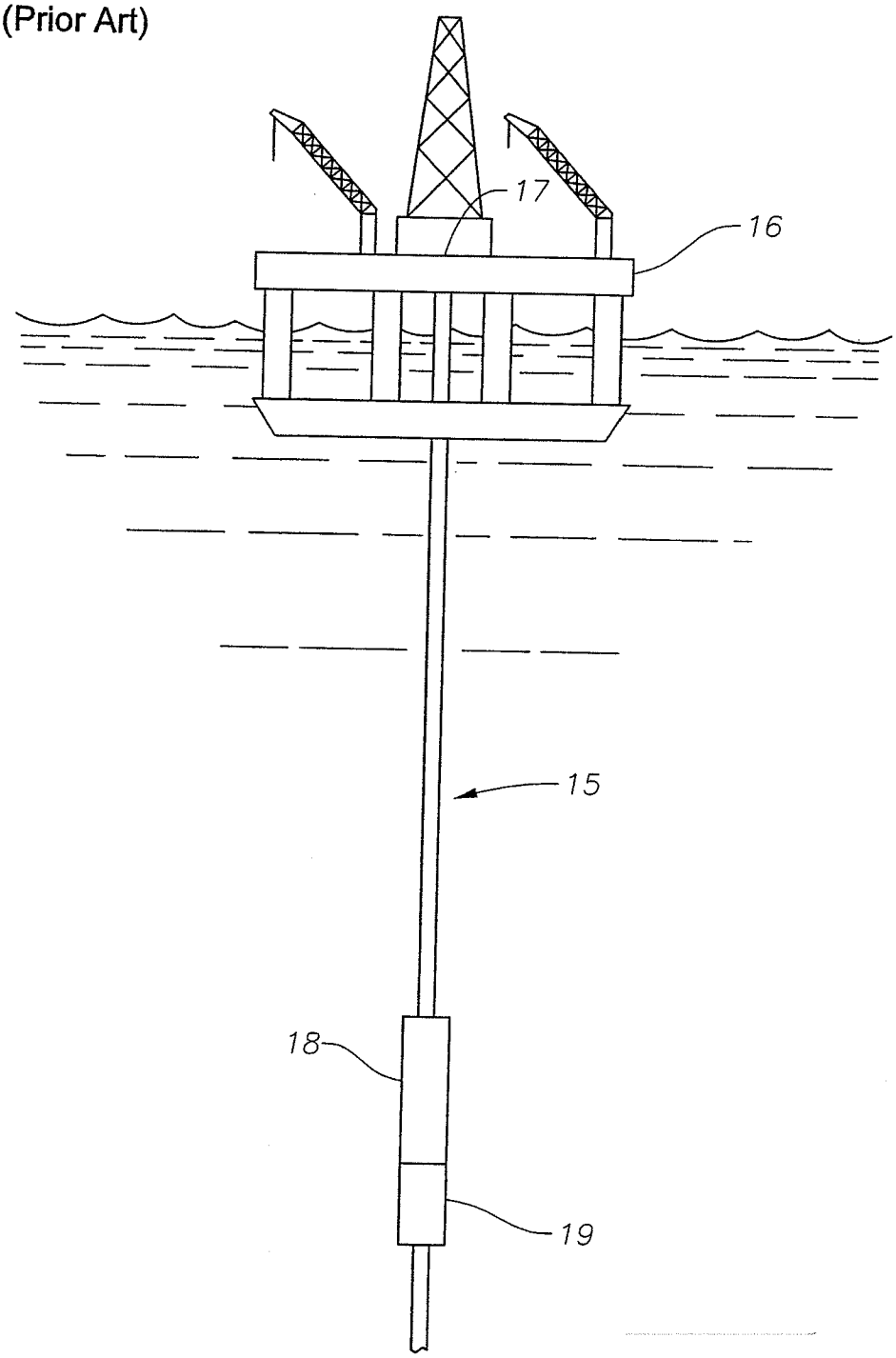
Fig. 1
(Prior Art)



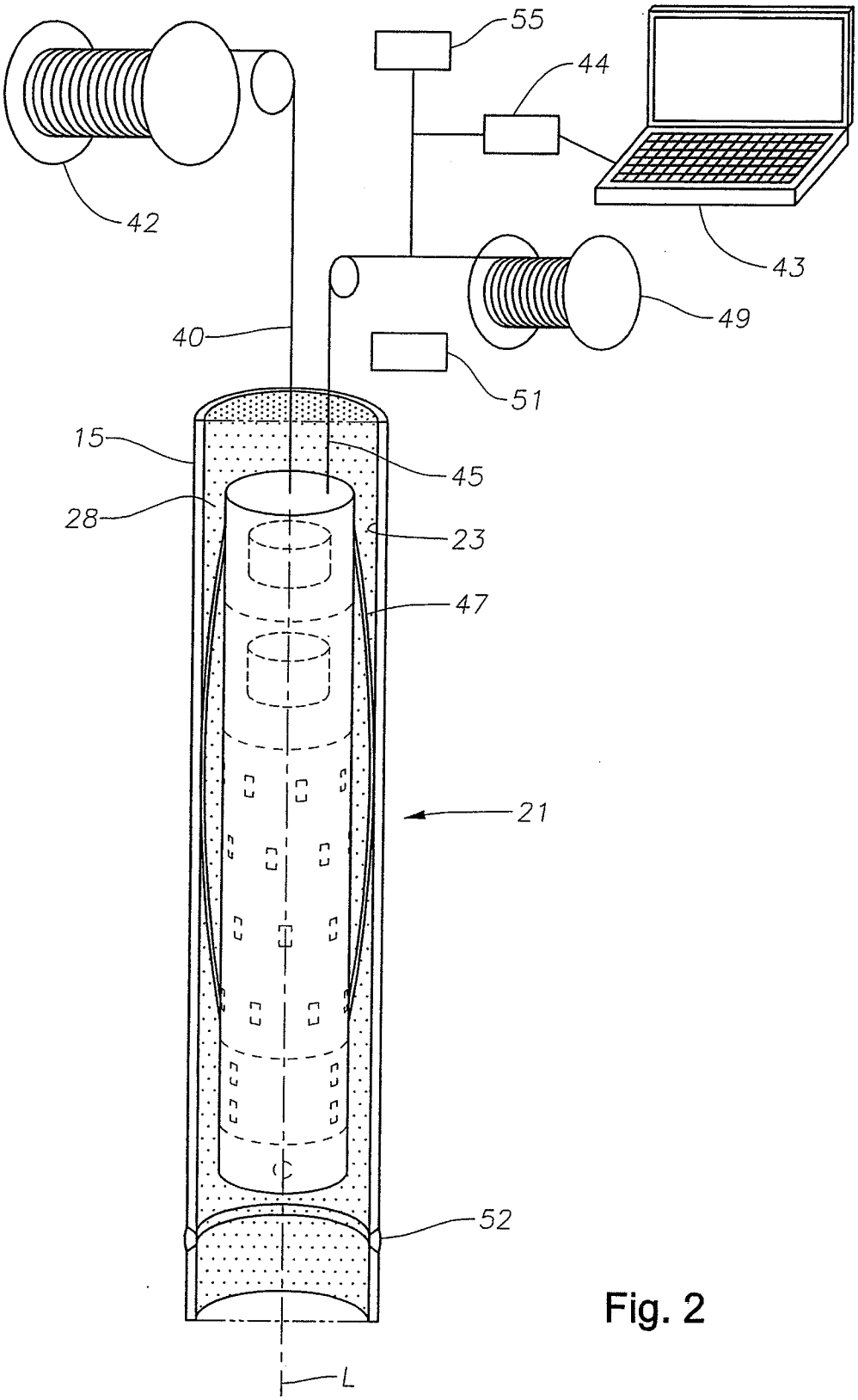


Fig. 2

Fig. 3

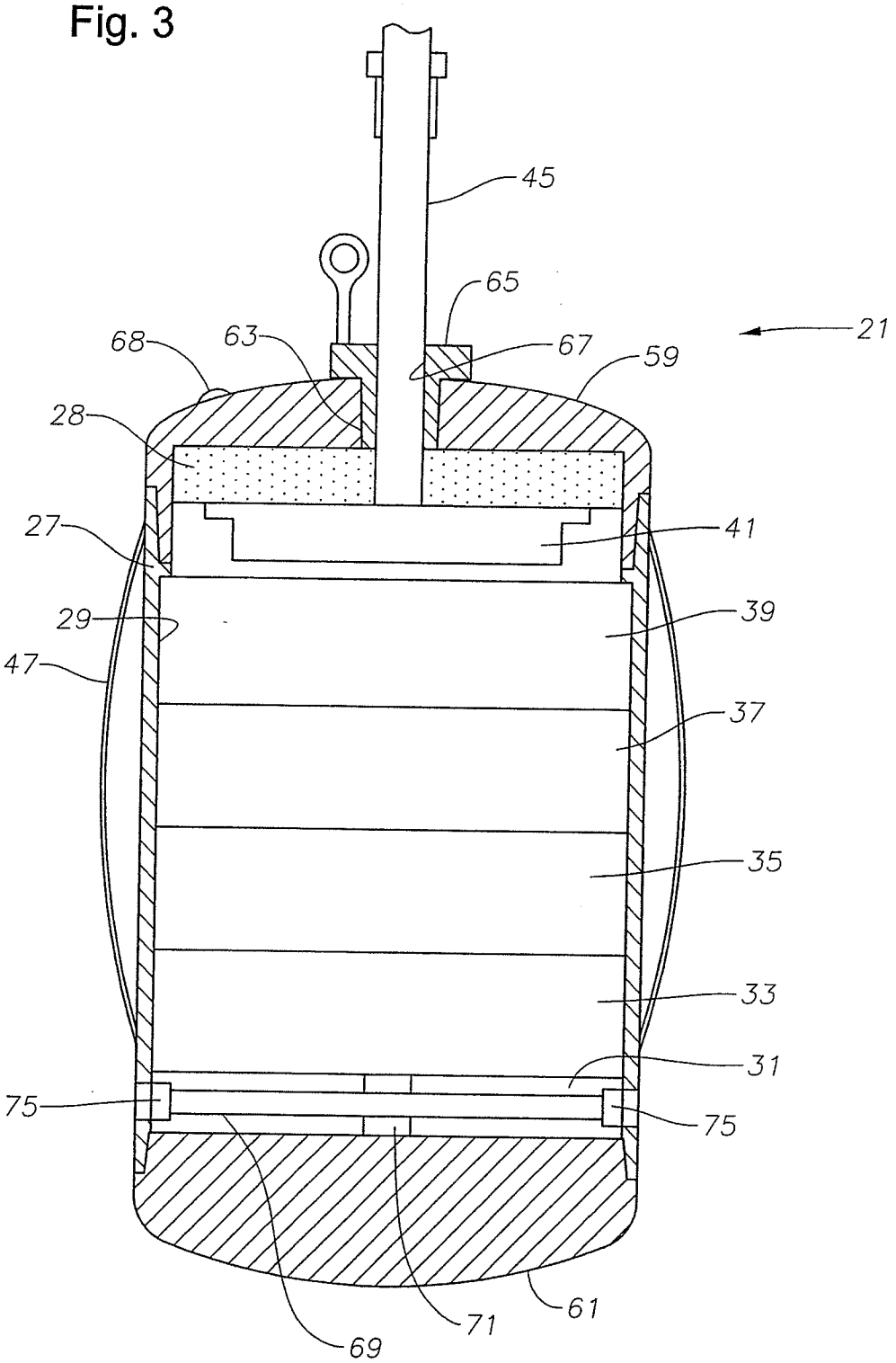


Fig. 4

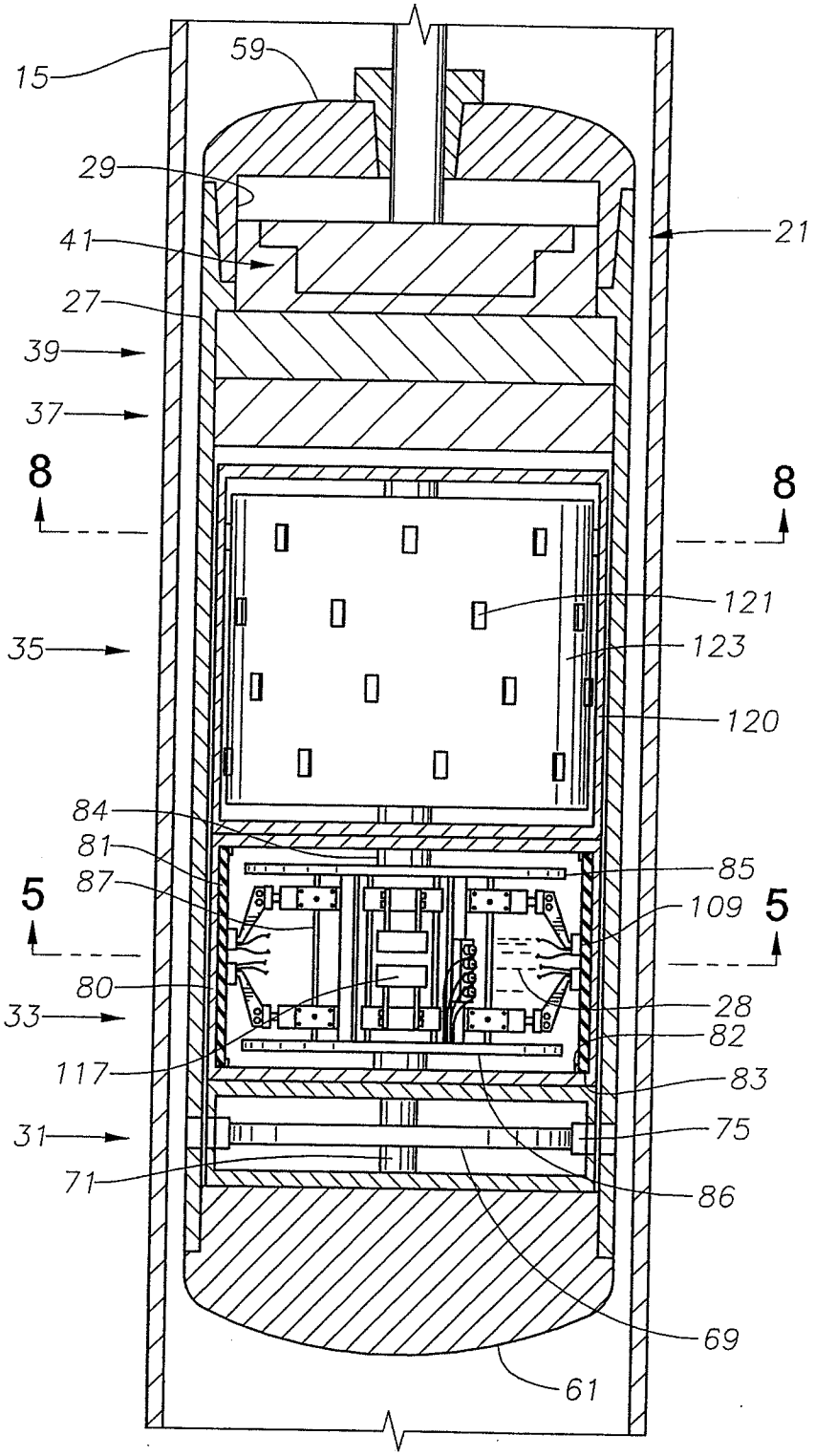
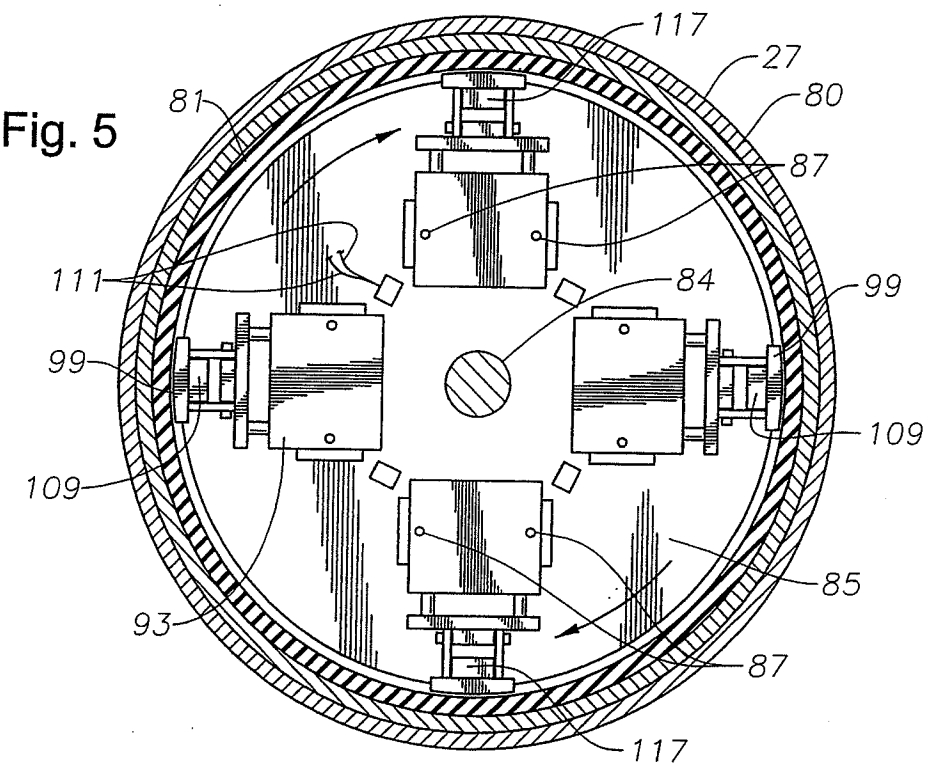

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Fig. 5


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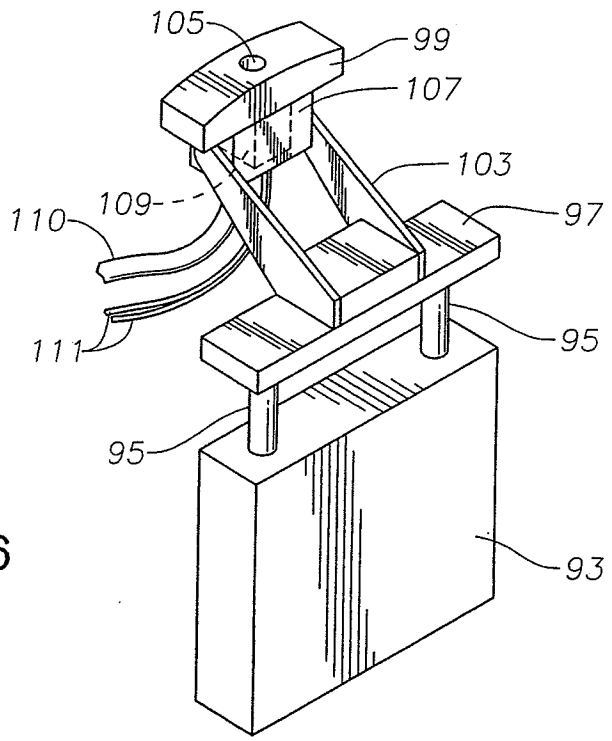
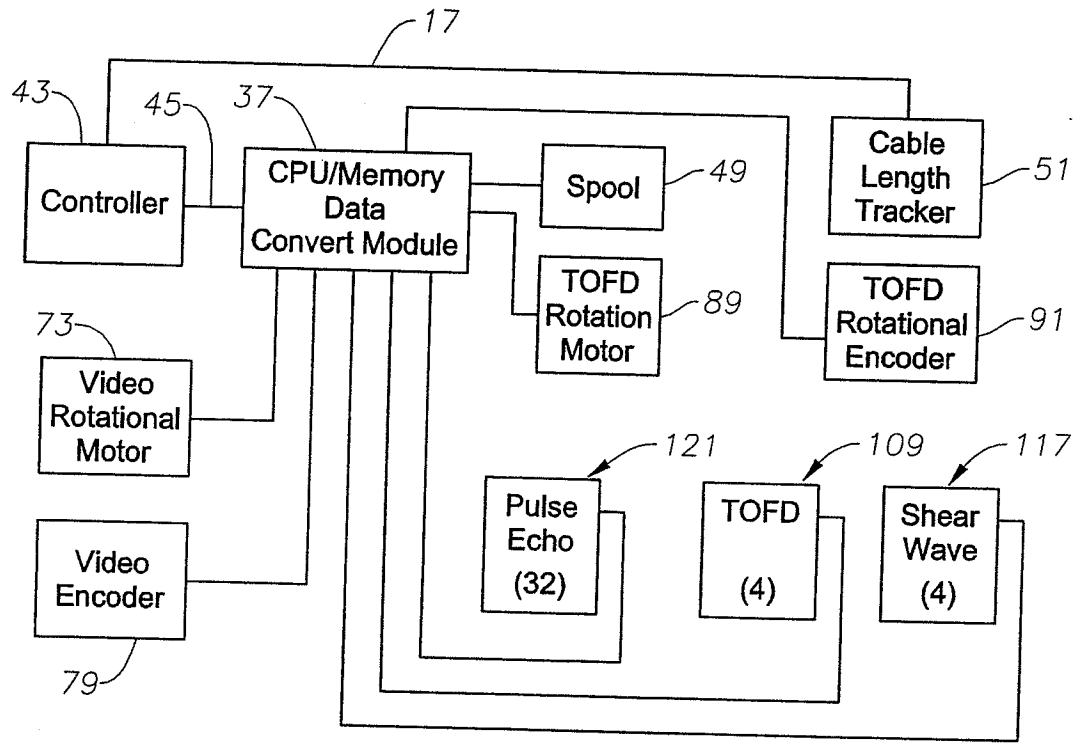

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Fig. 6

Fig. 7


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Controller
CPU/Memory
Data
Convert Module
Spool
49
Cable
Length
Tracker
51
TOFD
Rotation
Motor
89
TOFD
Rotational
Encoder
91
73
Video
Rotational
Motor
121
109
117
Pulse
Echo
(32)
TOFD
(4)
Shear
Wave
(4)
Video
Encoder
79

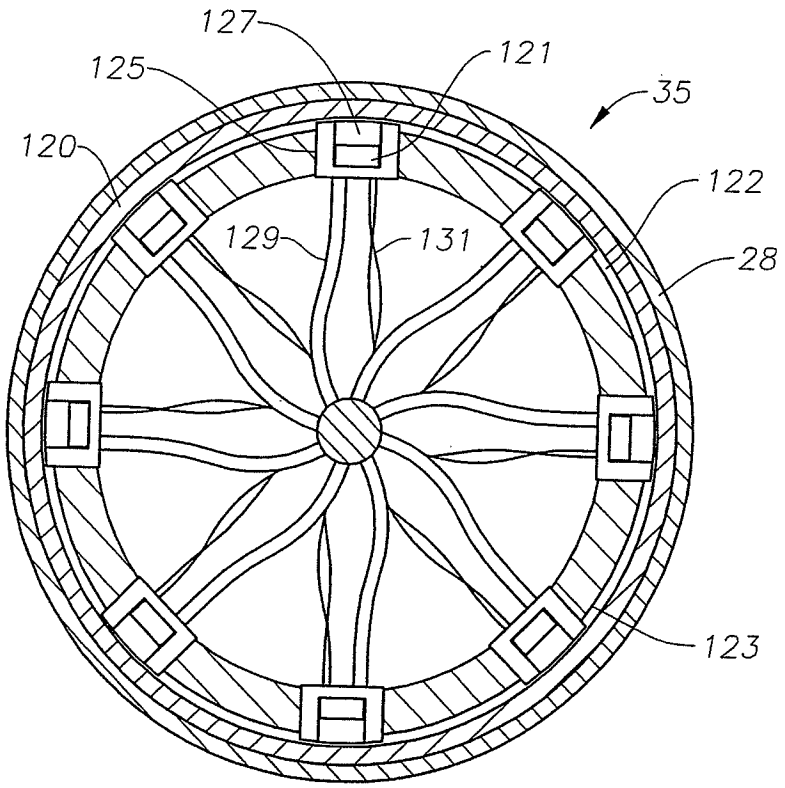

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Fig. 8

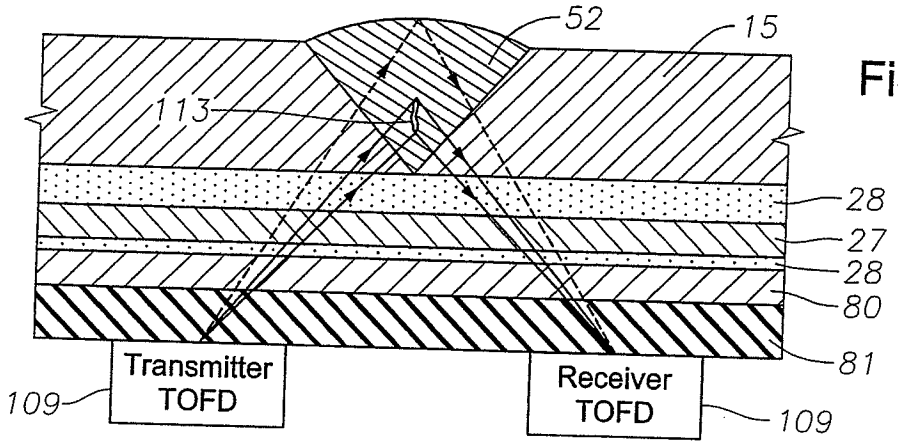


Fig. 9

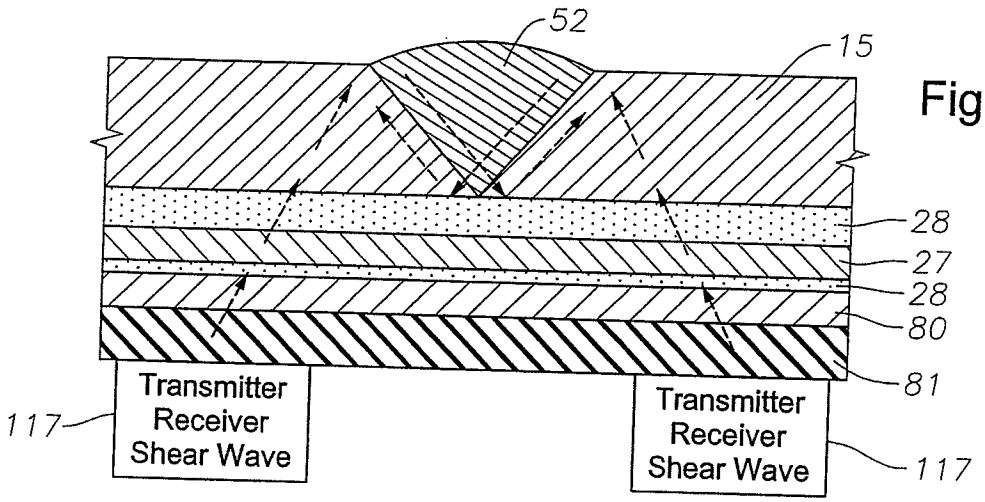


Fig. 10

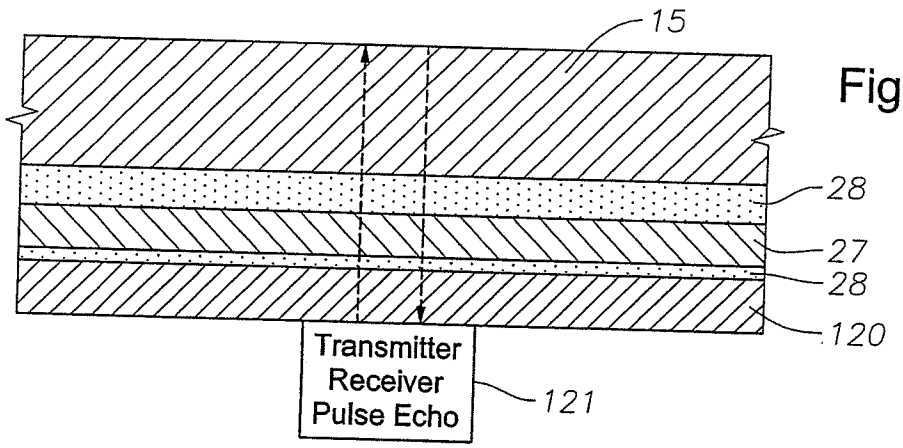


Fig. 11