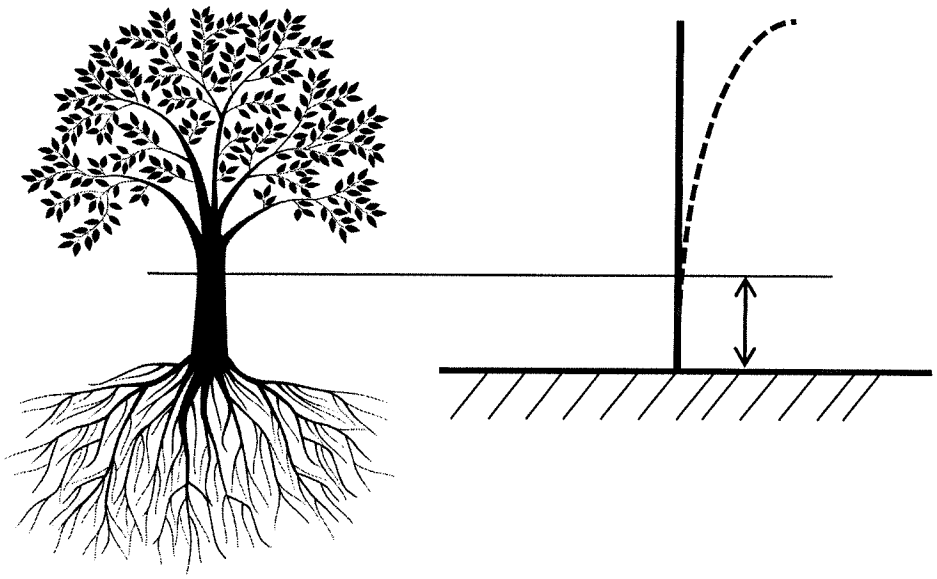


Fig. 1

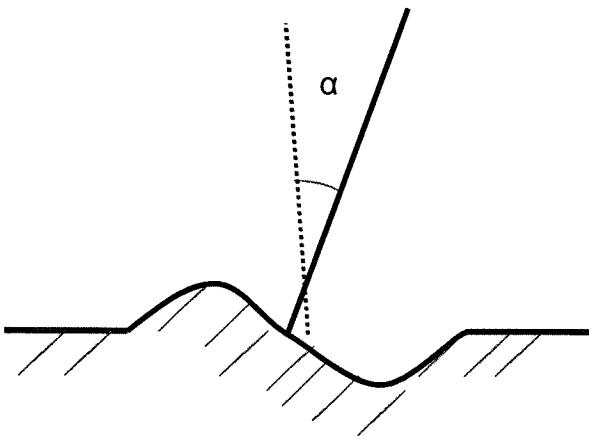


Fig. 2

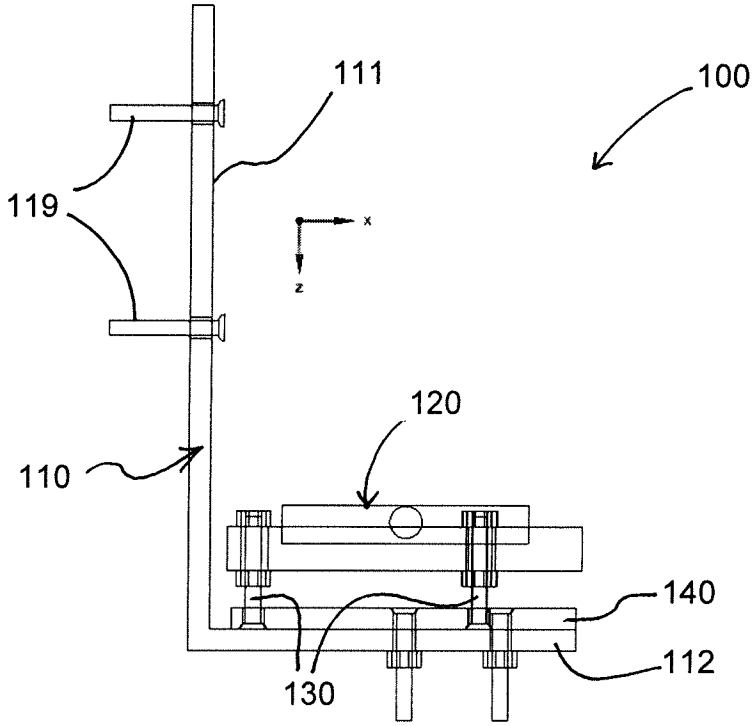


Fig. 3(a)

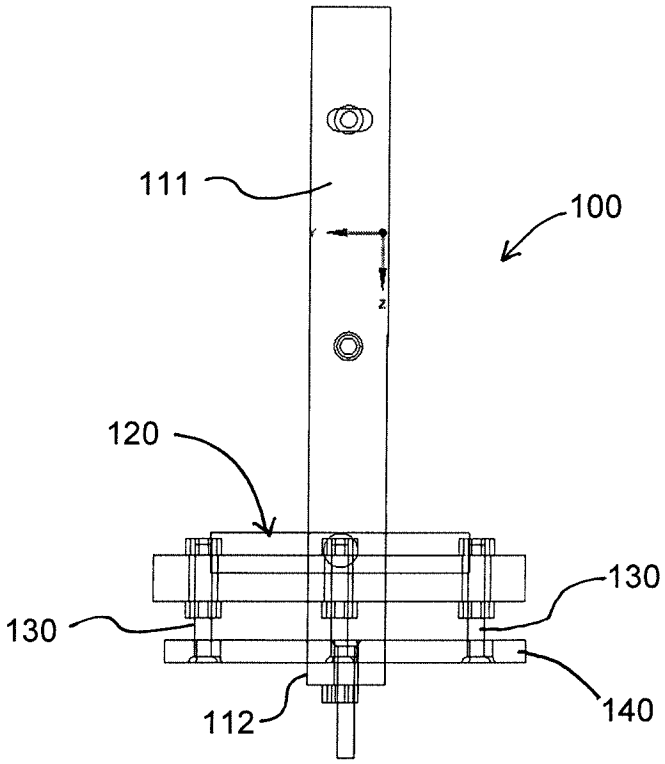


Fig. 3(b)

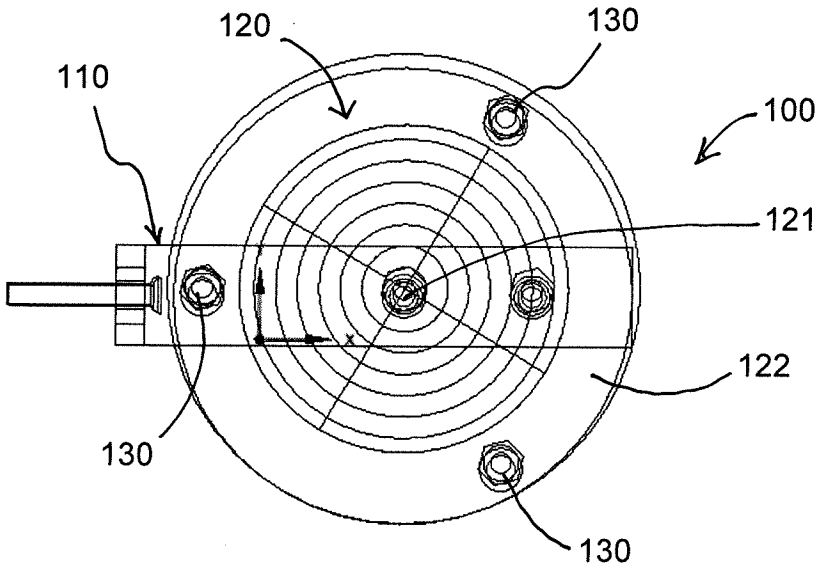

120
130
110
100
121
122
130
130

Fig. 3(c)

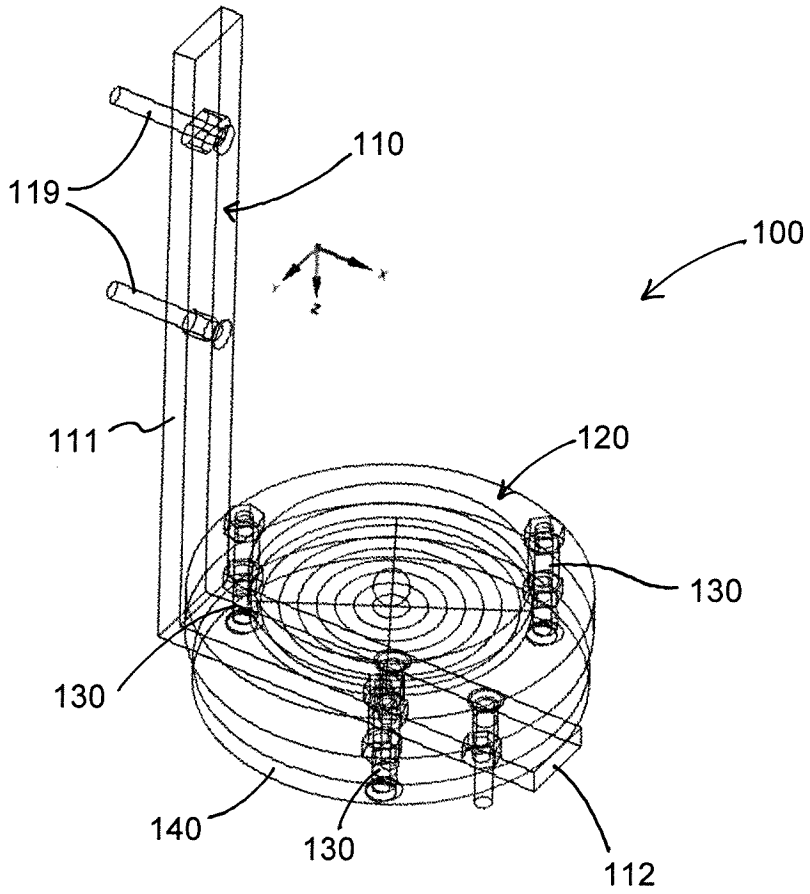

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119
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111
120
130
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140
130
112

Fig. 3(d)

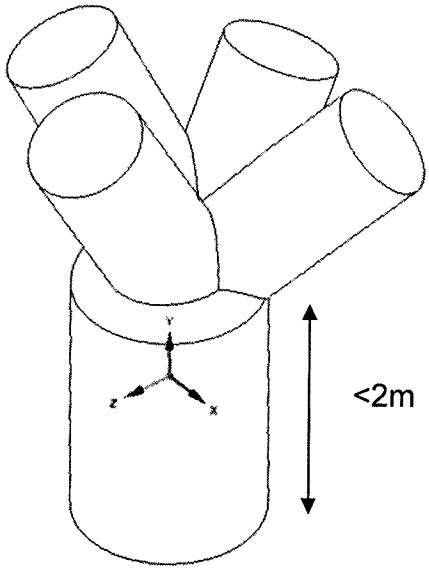


Fig. 4

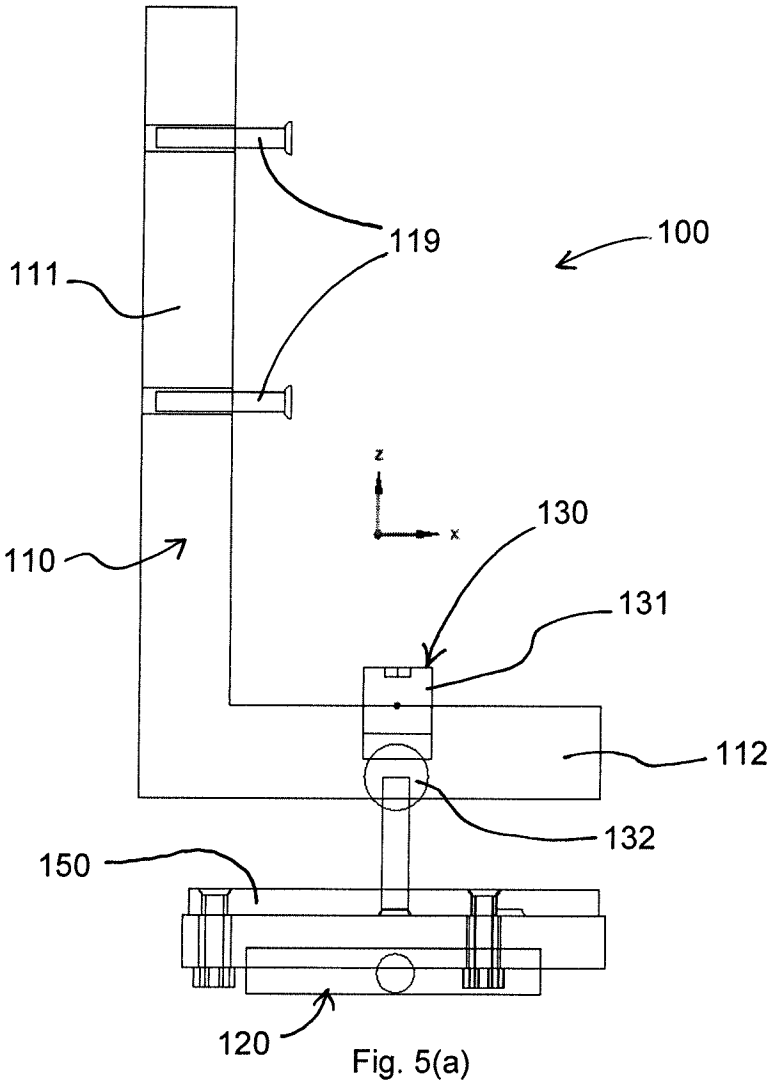


Fig. 5(a)

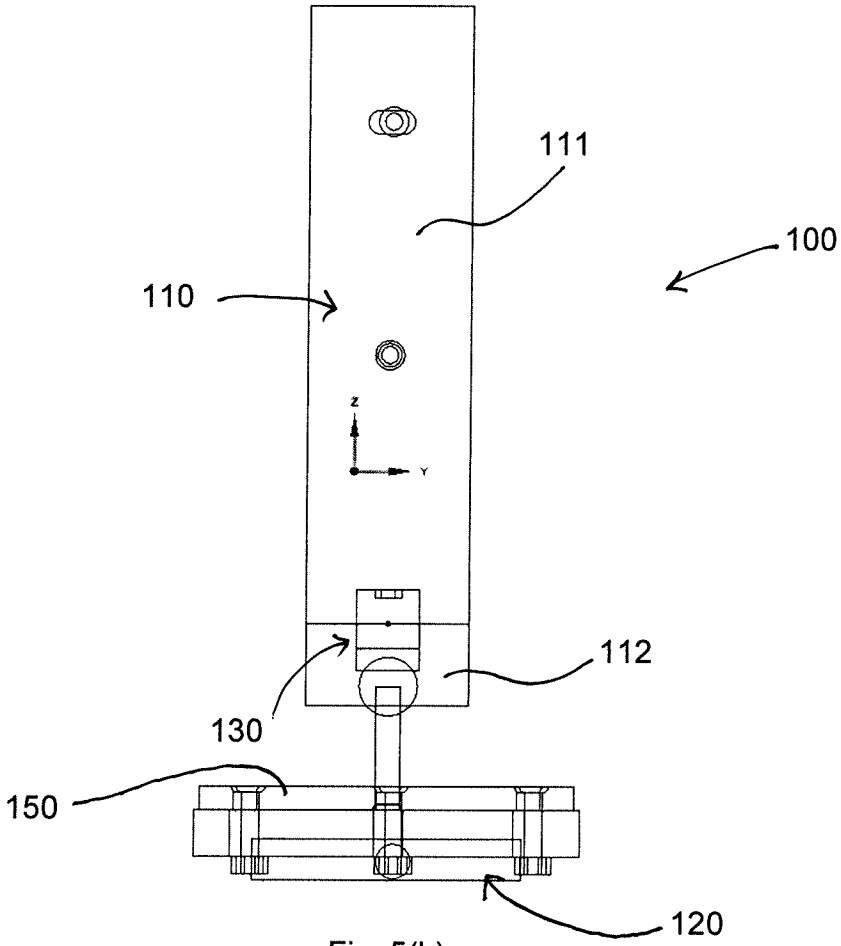


Fig. 5(b)

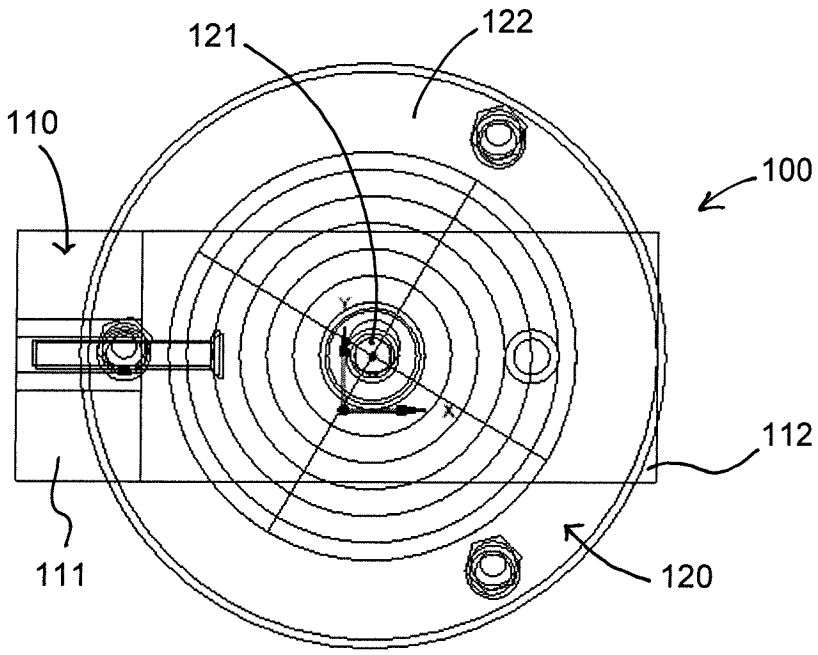


Fig. 5(c)

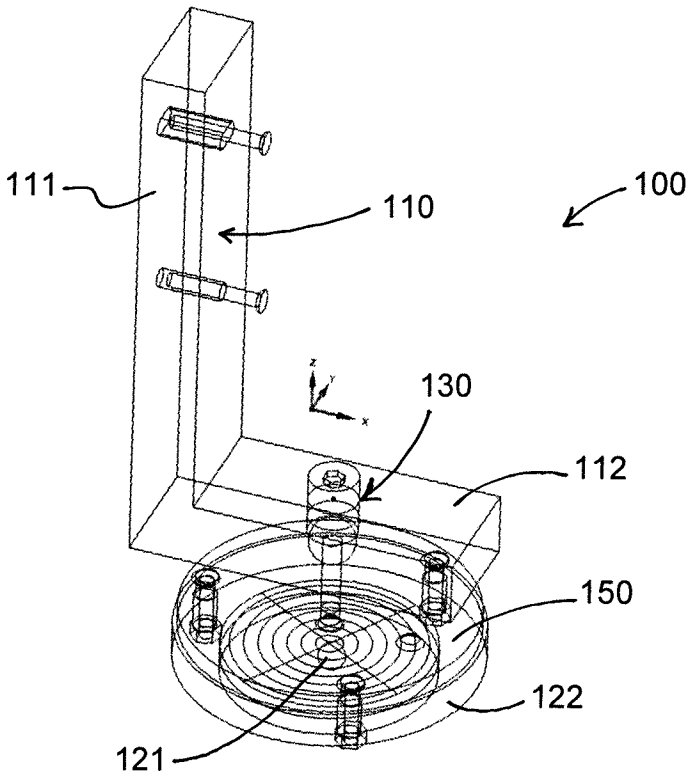


Fig. 5(d)

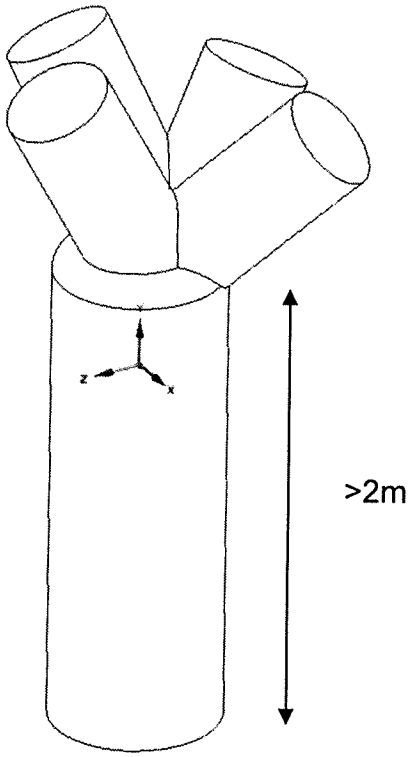


Fig. 6

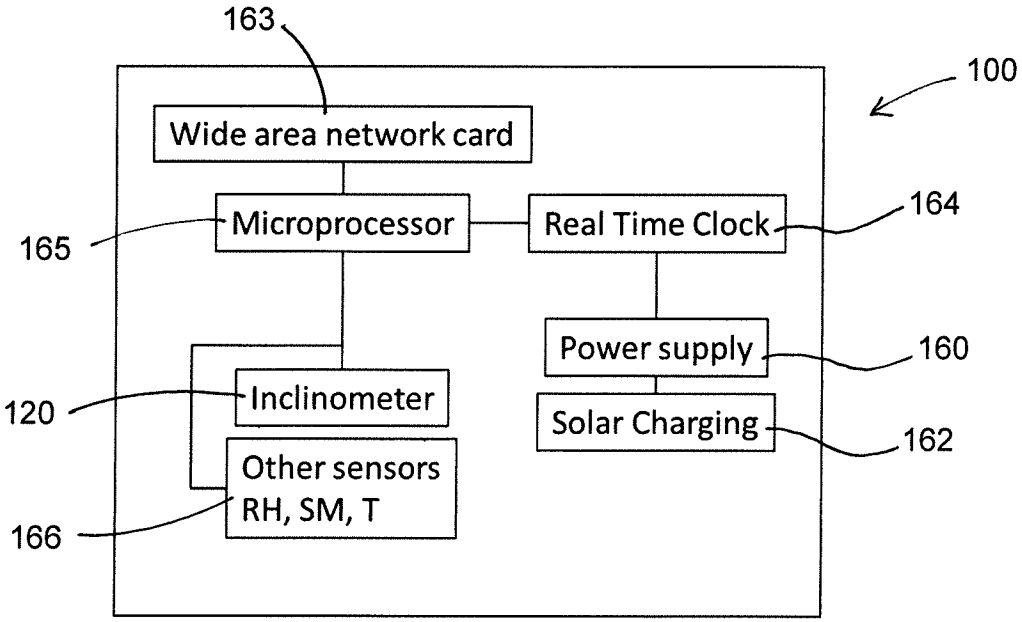

163
100
Wide area network card
Microprocessor
Real Time Clock
164
165
Power supply
160
120
Inclinometer
Solar Charging
162
Other sensors
RH, SM, T
166

Fig. 7

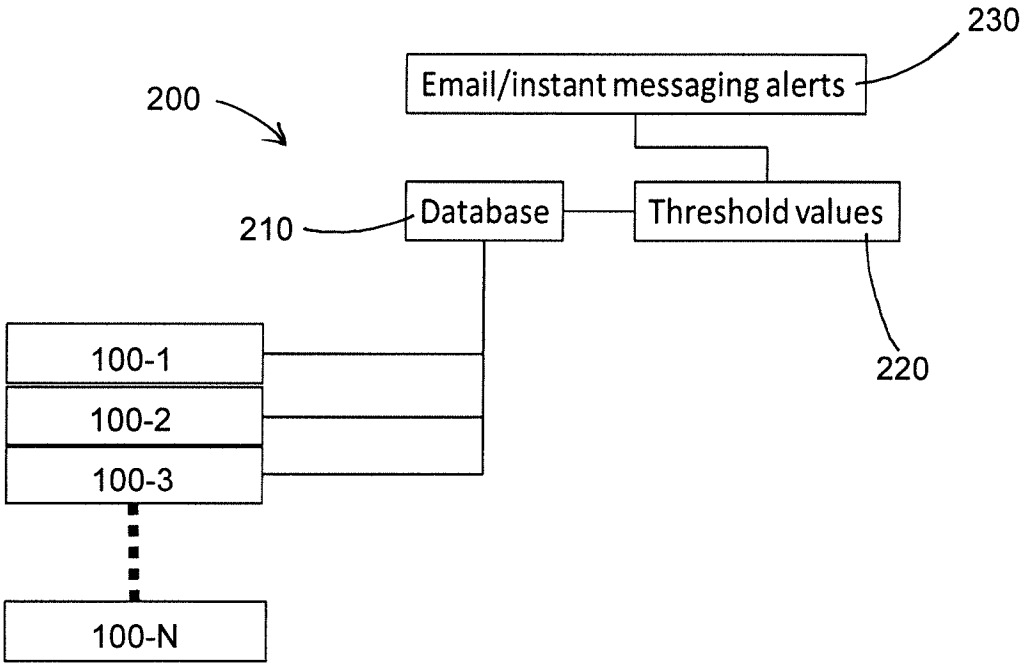

230
Email/instant messaging alerts
200
Database
Threshold values
210
220
100-1
100-2
100-3
100-N

Fig. 8

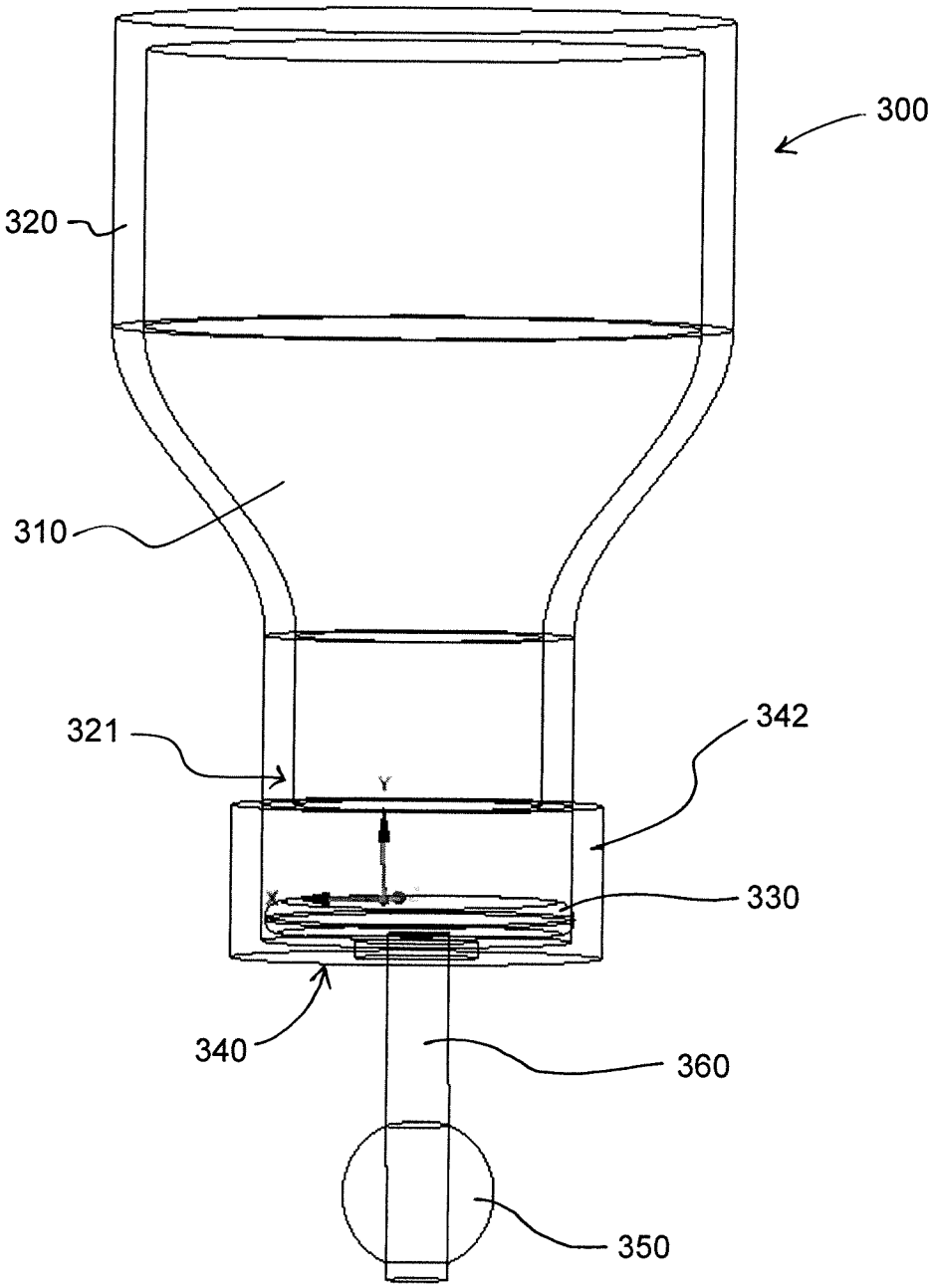


Fig. 9

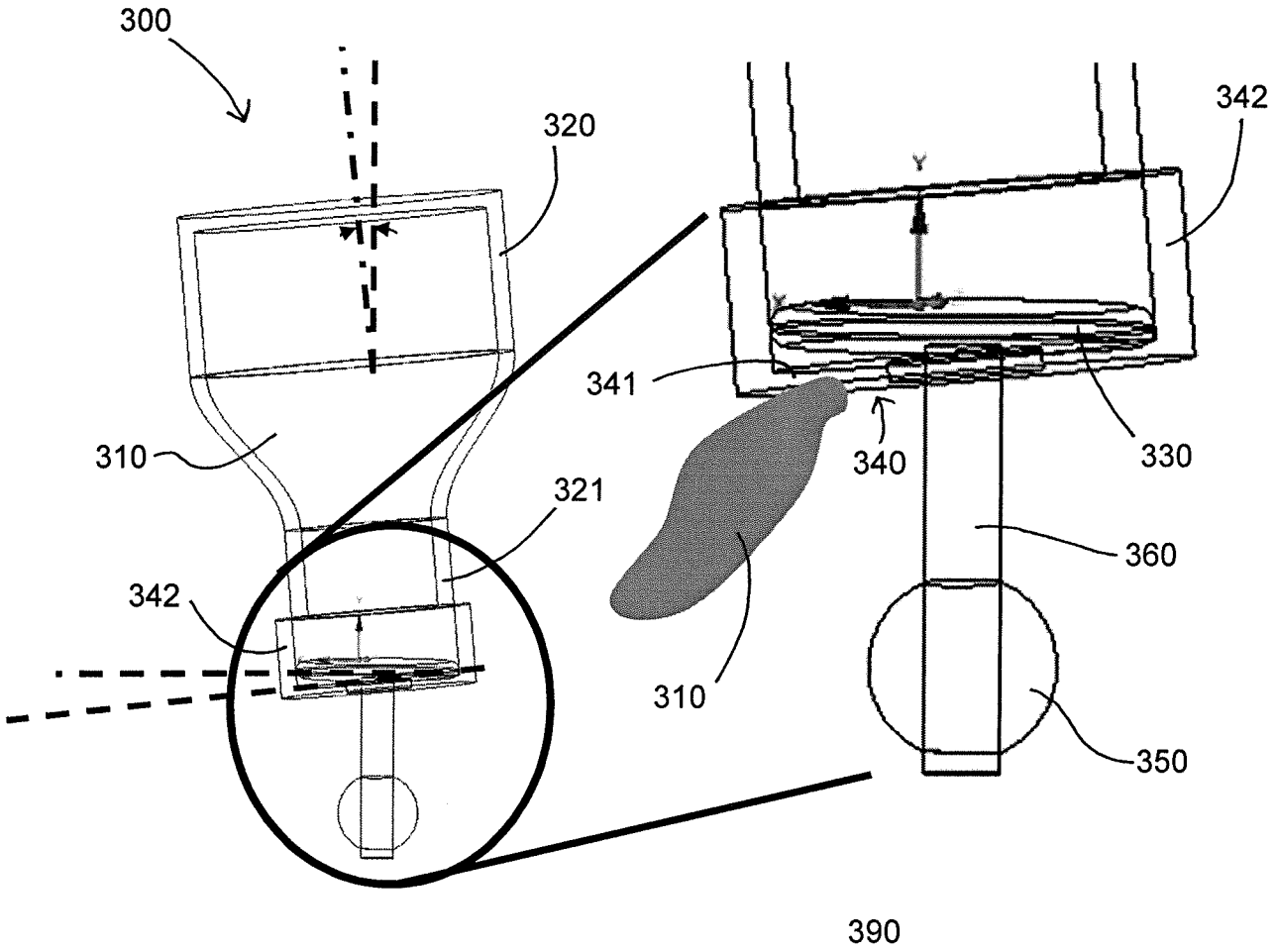


Fig. 10

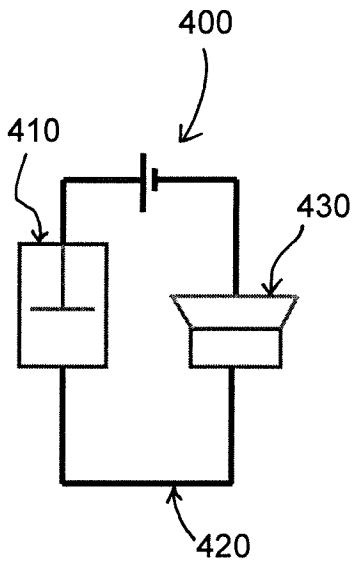


Fig. 11

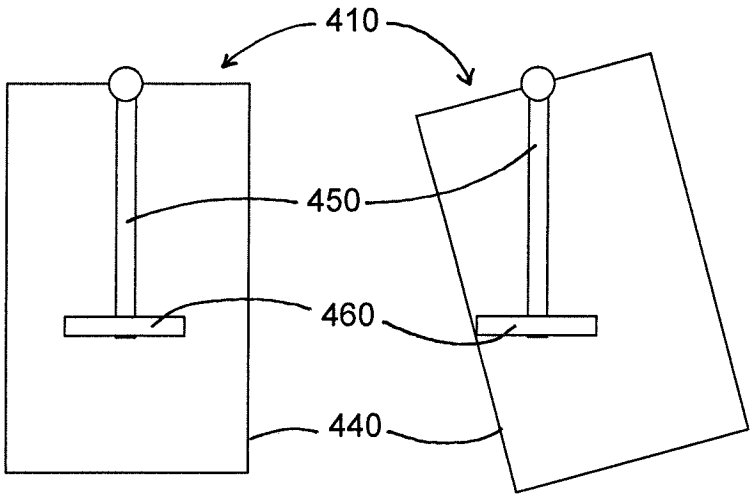


Fig. 12(a)

Fig. 12(b)