

Prior art

6 axis acceleration from a real gun fired

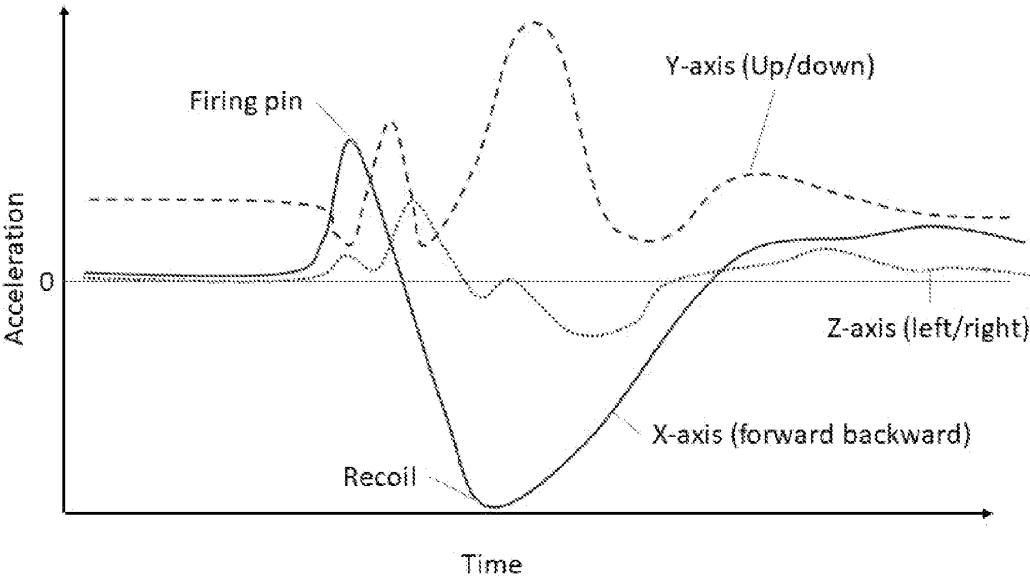


Fig. 1a

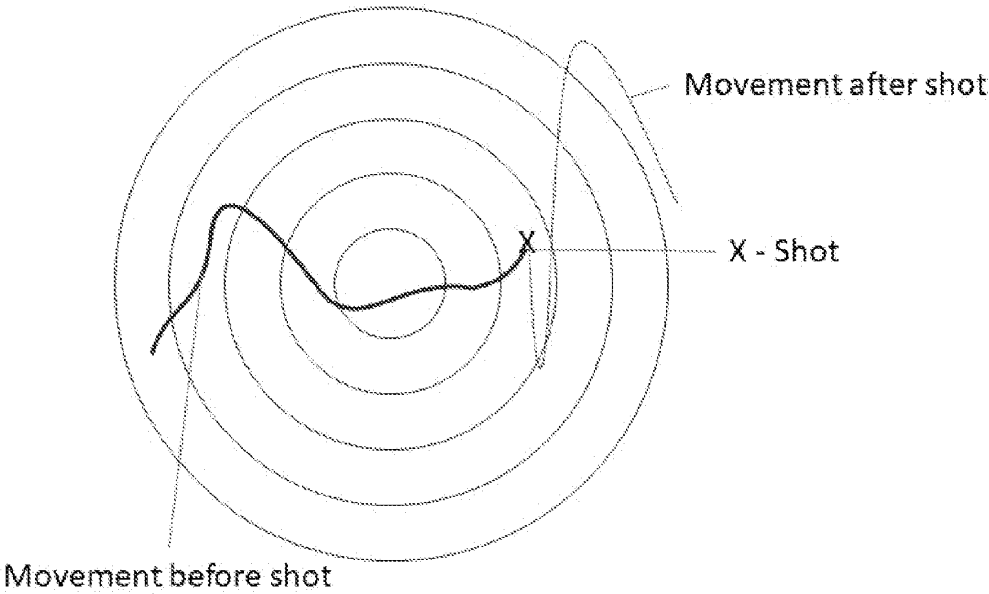


Fig. 1b

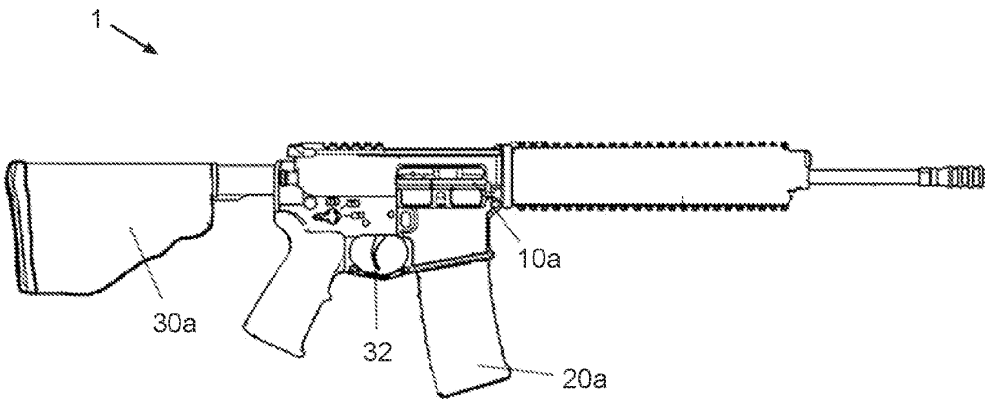


Fig. 2

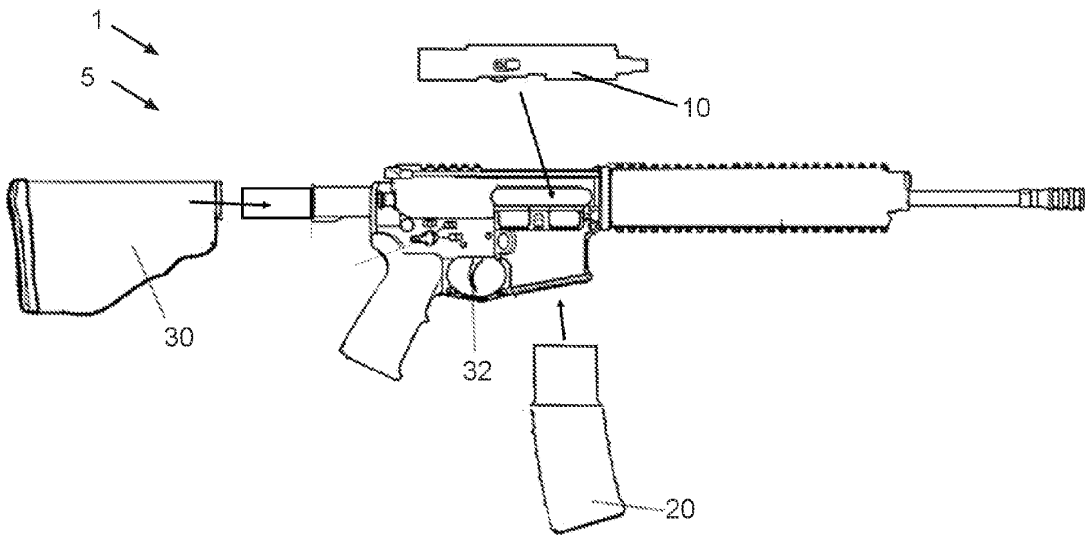


Fig. 3

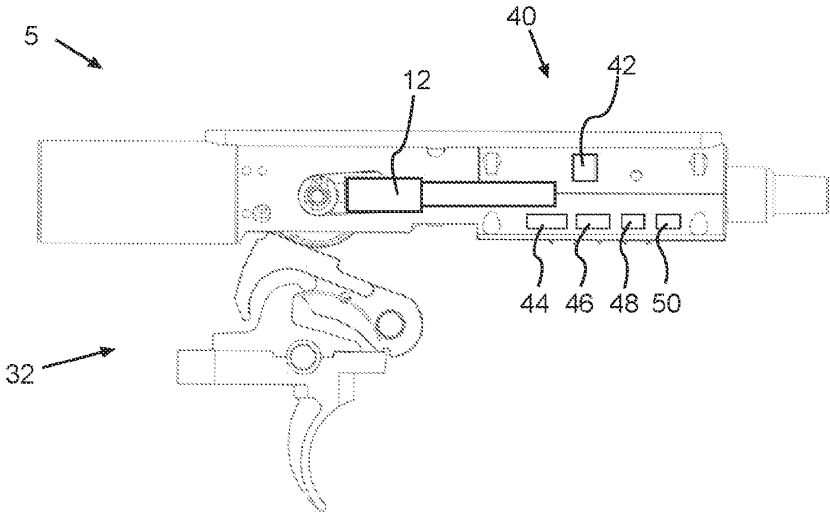


Fig. 4a

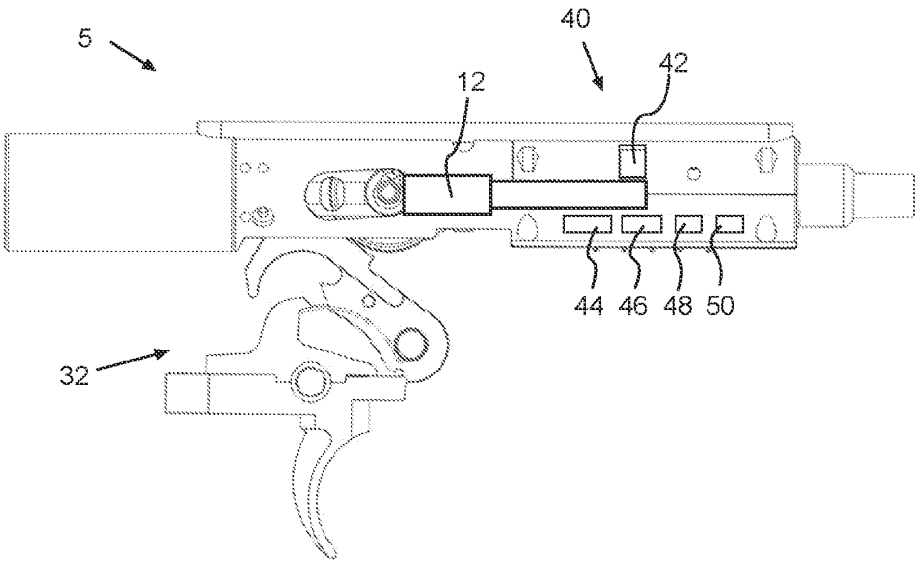


Fig. 4b

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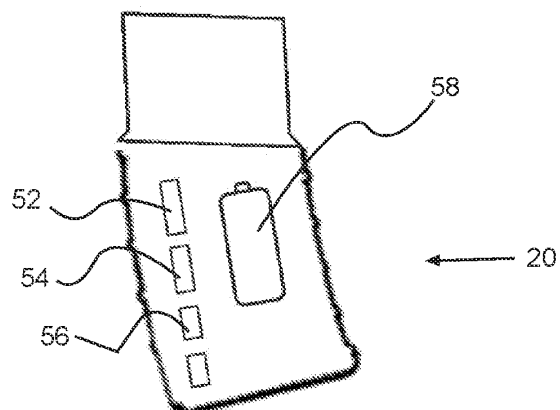


Fig. 5

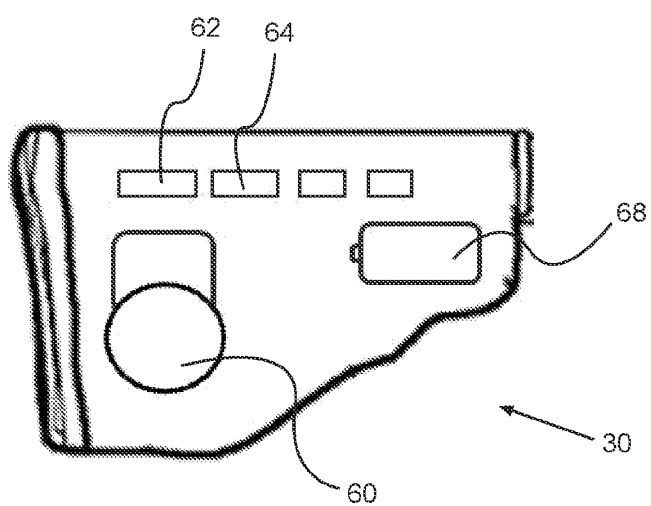


Fig. 6

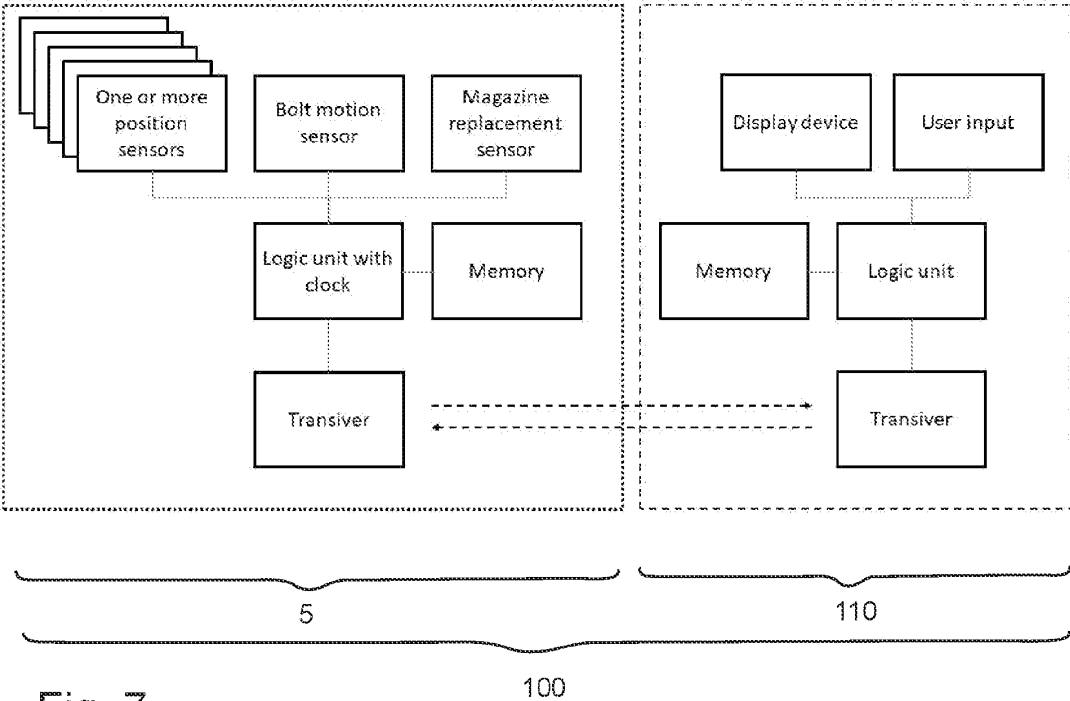


Fig. 7

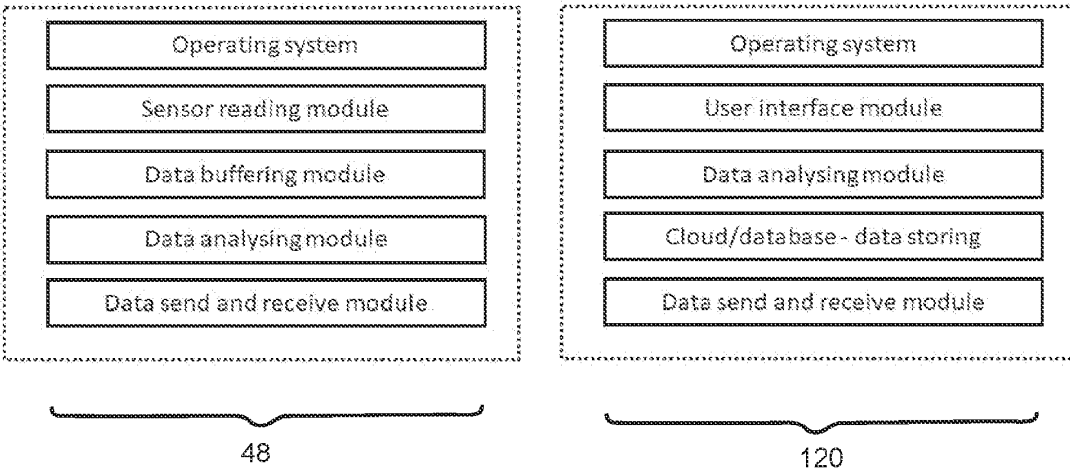


Fig. 8

Timestamp millisec	Accel X	Accel Y	Accel Z	Rotation X	Rotation Y	Rotation Z	Fire signal	Magazine
24420 -	0,80	0,50	0,17	4,00	22,00 -	32,00	0	1
24426 -	1,00	0,30	0,10	3,00	14,00 -	22,00	0	1
24432 -	1,50 -	0,20 -	0,07	2,00	10,00 -	15,00	0	1
24438 -	0,50	0,80	0,27	3,00	7,00 -	5,00	0	1
24444	4,00	5,30	1,77	3,00	9,00 -	10,00	0	1
24450	2,00	3,30	1,10	2,00	12,00 -	15,00	1	1
24456 -	14,00 -	12,70 -	4,23	-	28,00 -	6,00	0	0
24462 -	16,00 -	14,70 -	4,90	-	36,00	4,00	0	0

Fig. 9