

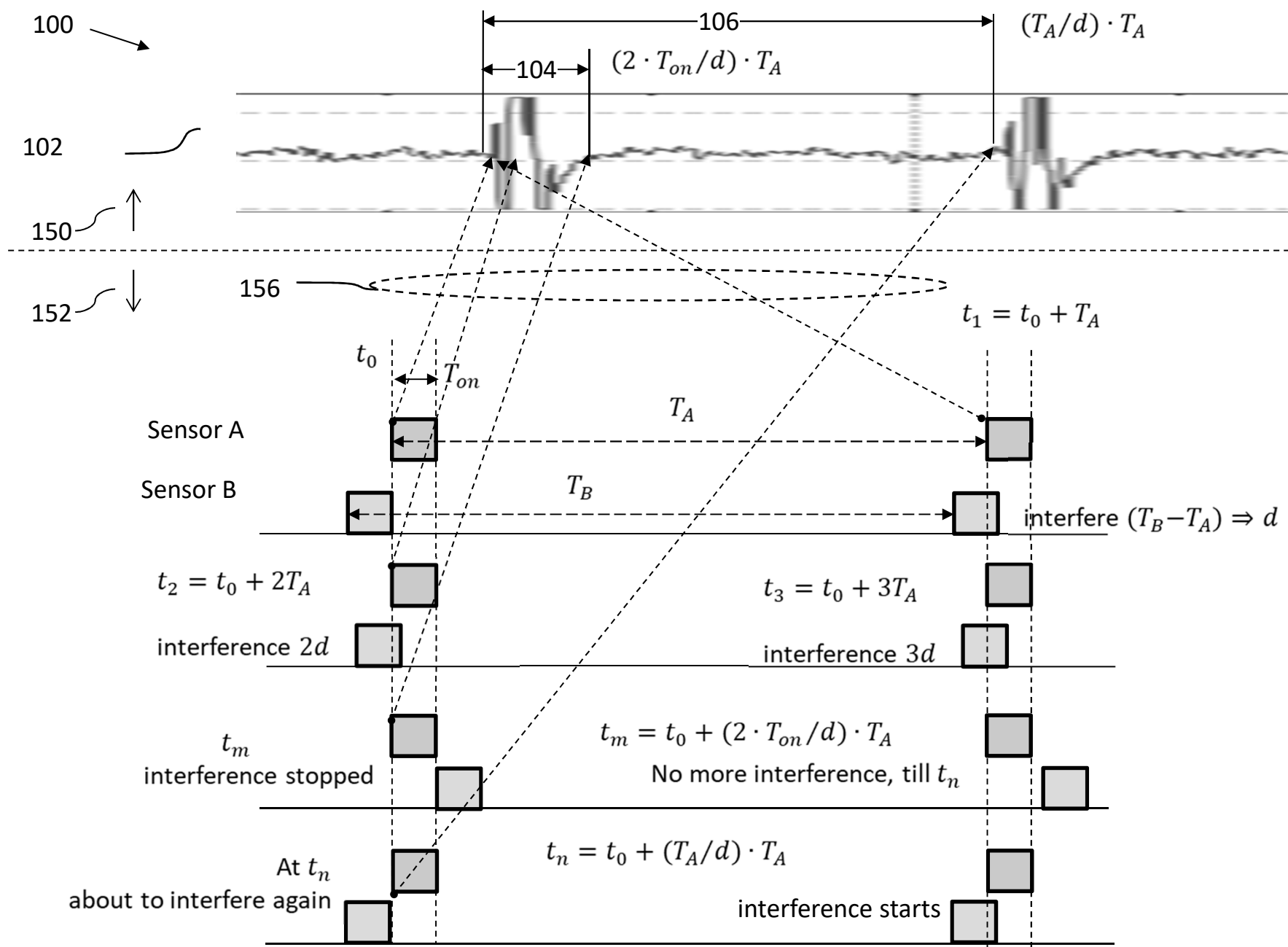
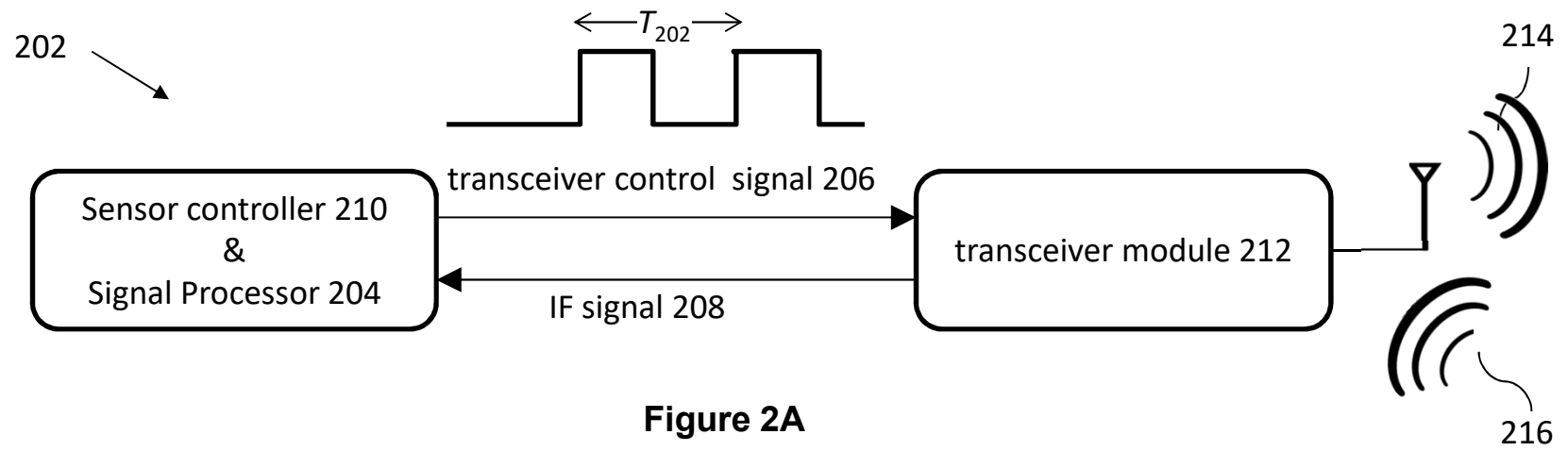
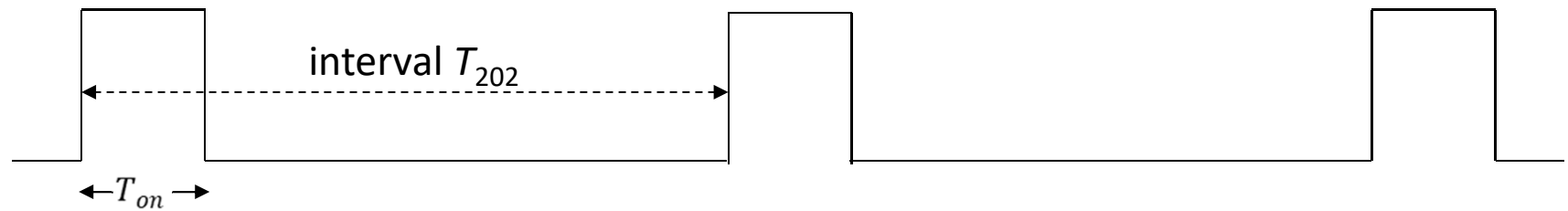


Figure 1



Transceiver control signal 206



transmitted signal 214

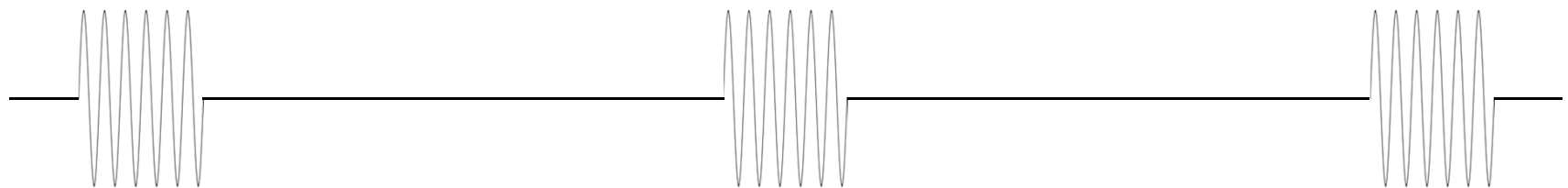


Figure 2B

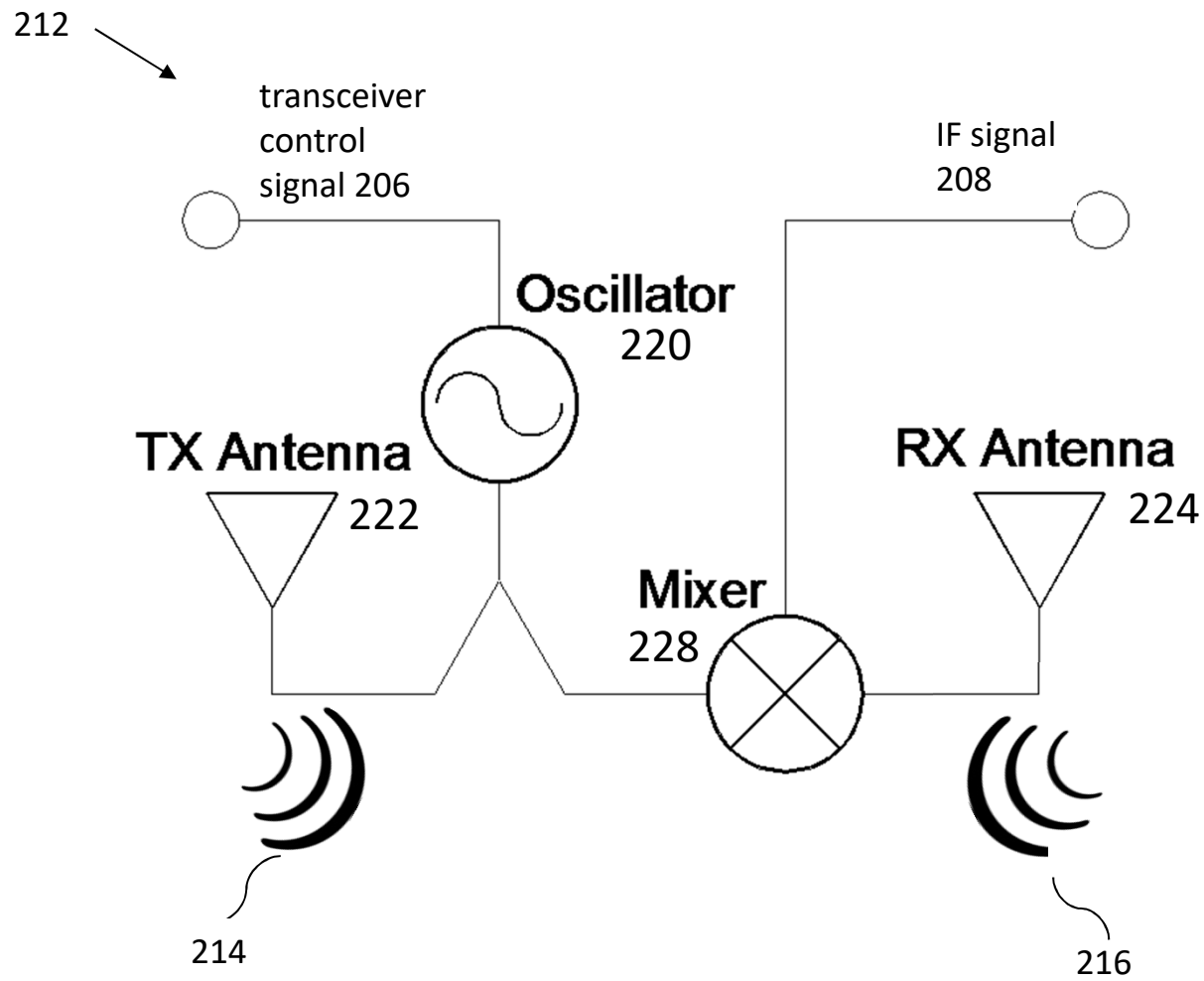


Figure 2C

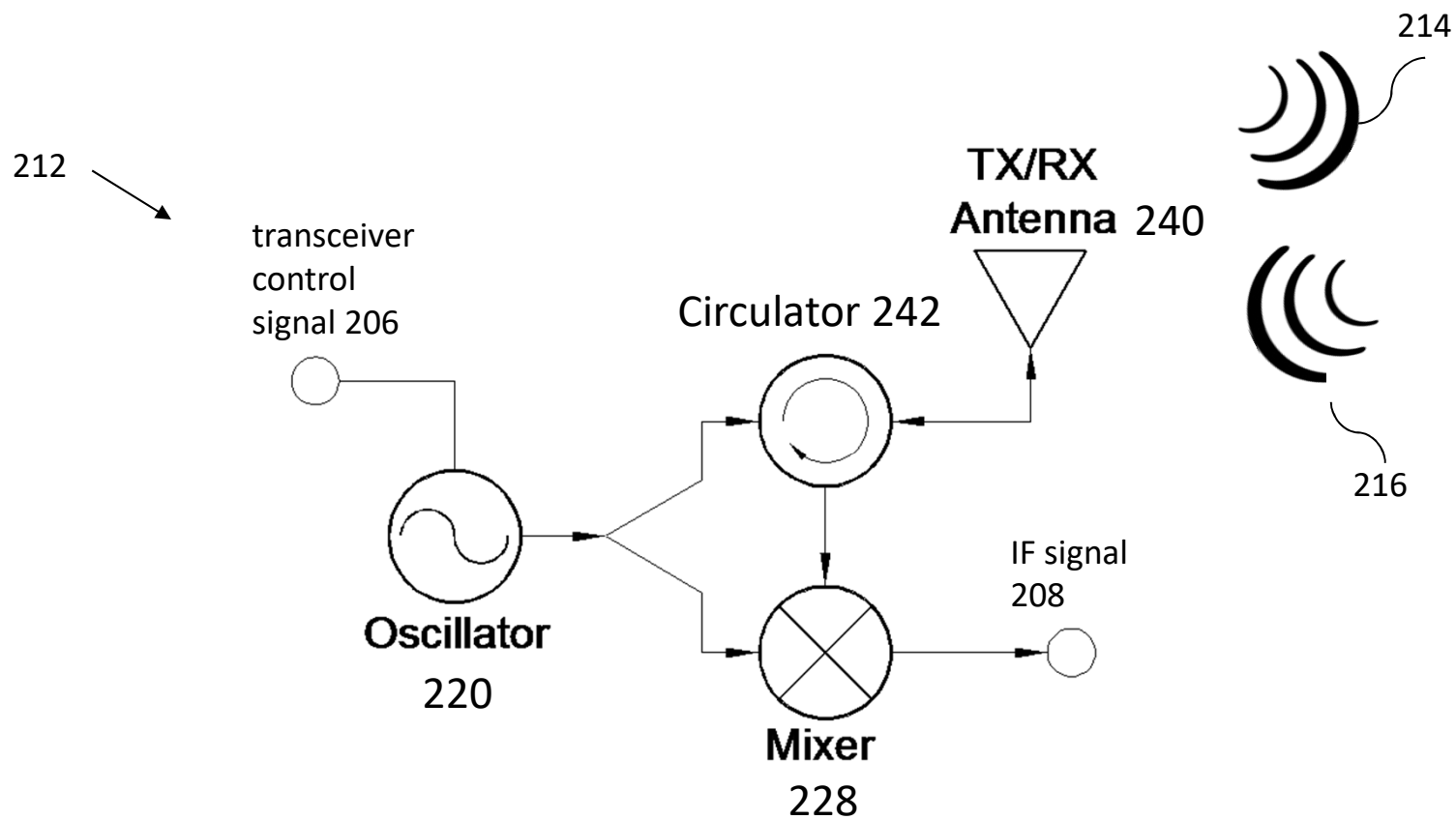


Figure 2D

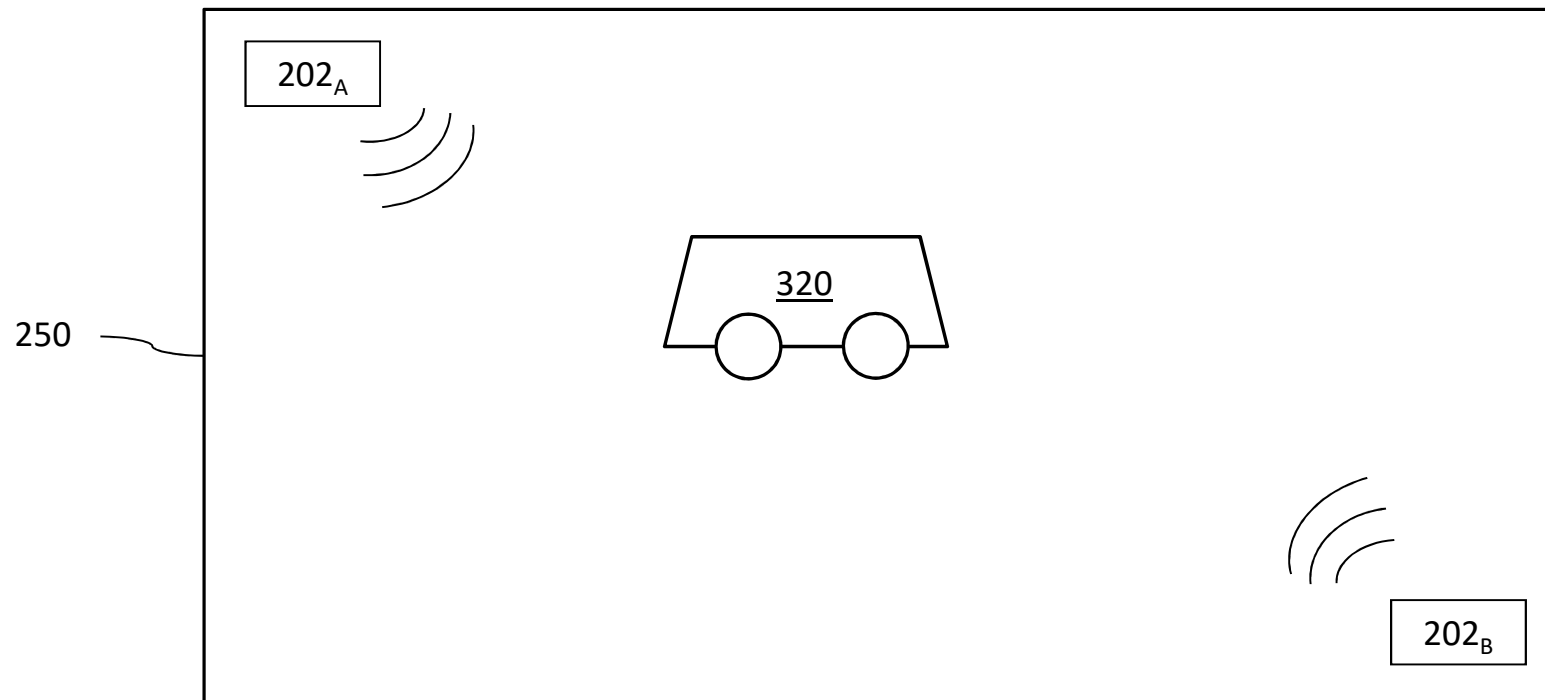


Figure 3

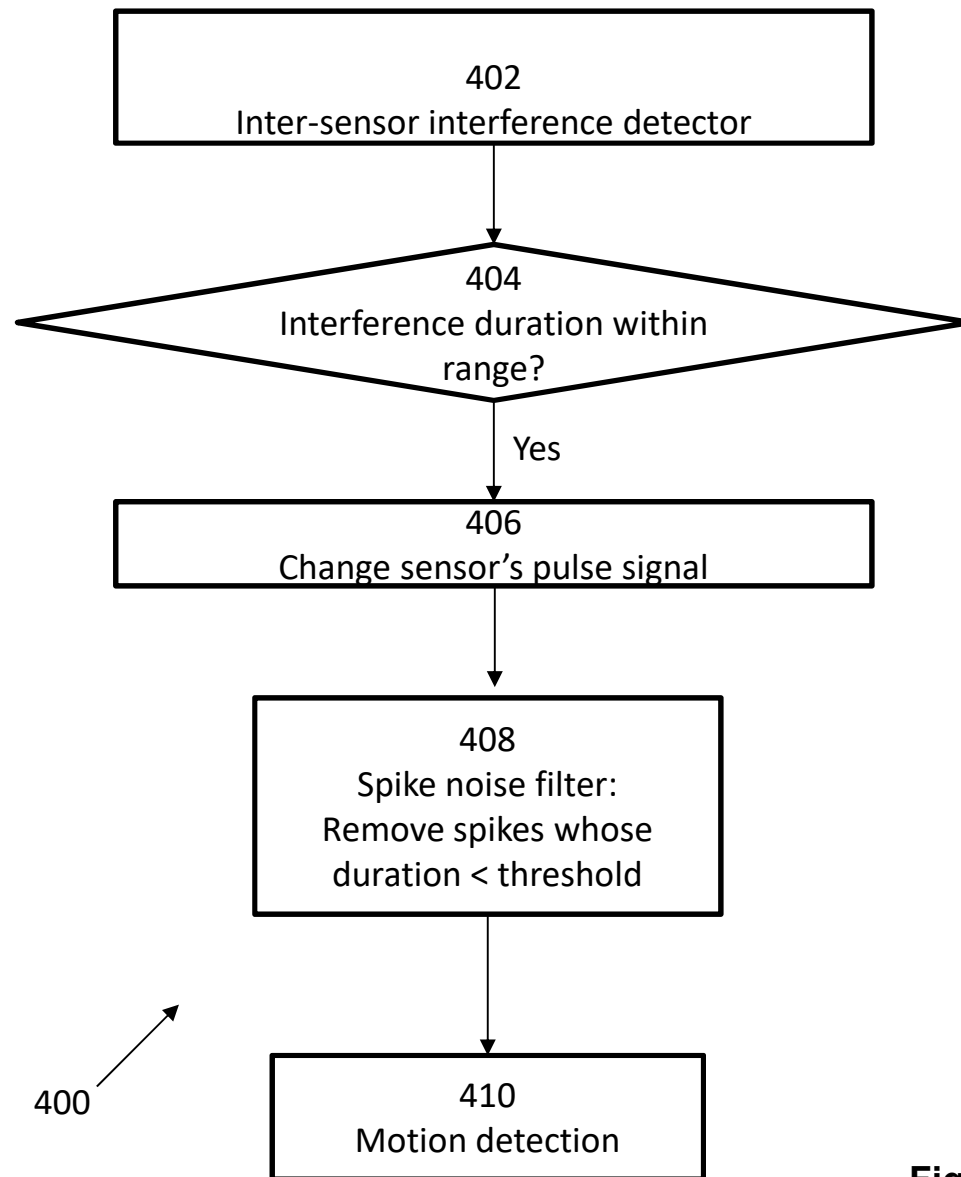


Figure 4

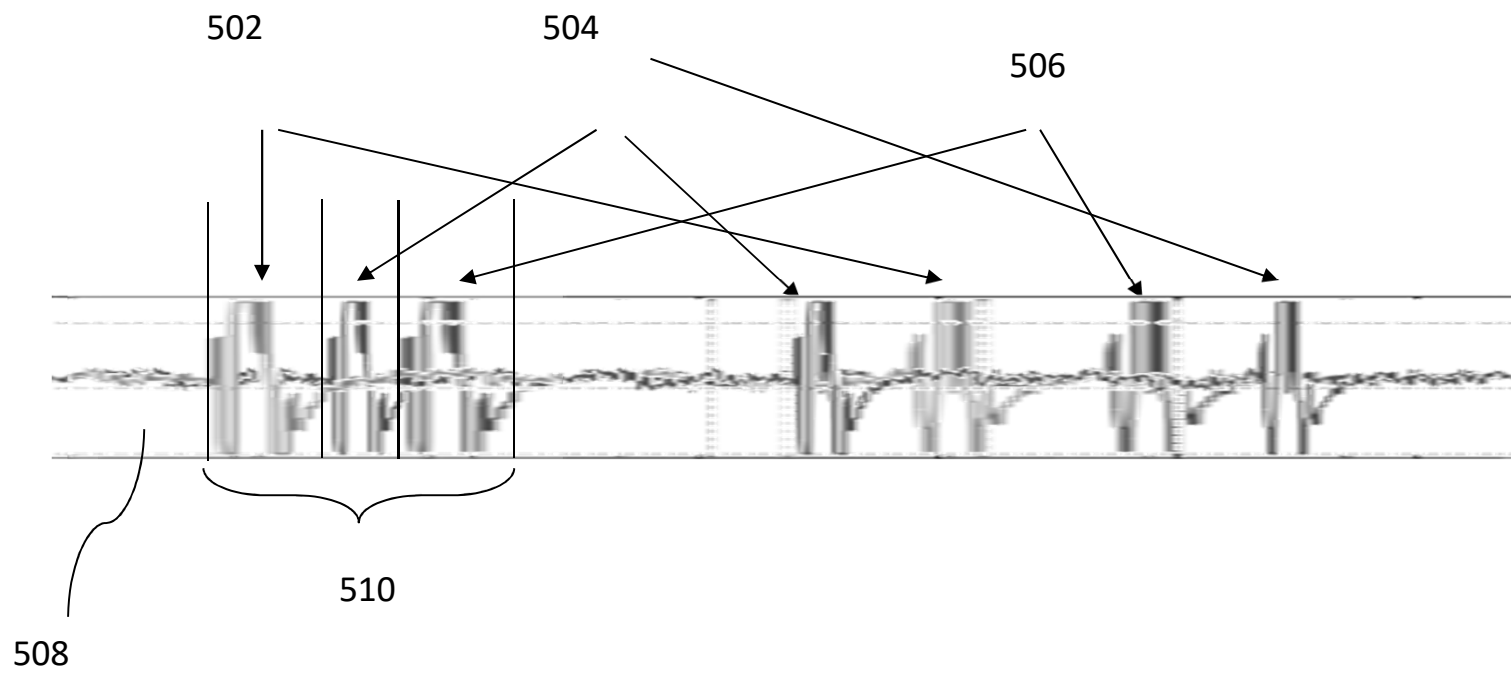


Figure 5

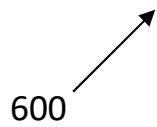
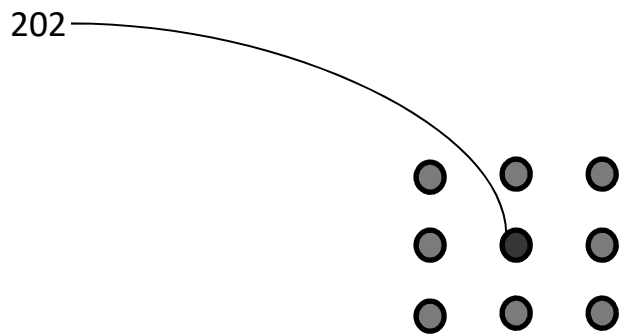


Figure 6

700



Pc	Probability of number of interfering neighbours out of total 8 neighbours									interfere >0	interfere >2
	0	1	2	3	4	5	6	7	8		
1.00%	92.27%	7.46%	0.26%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%	7.73%	0.01%
3.00%	78.37%	19.39%	2.10%	0.13%	0.01%	0.00%	0.00%	0.00%	0.00%	21.63%	0.14%
5.00%	66.34%	27.93%	5.15%	0.54%	0.04%	0.00%	0.00%	0.00%	0.00%	33.66%	0.58%
10.00%	43.05%	38.26%	14.88%	3.31%	0.46%	0.04%	0.00%	0.00%	0.00%	56.95%	3.81%

Pc : Collision probability, i.e. the probability that two nodes have same frequency after frequency randomization.
 Number of interfering neighbours :
 0: The condition that no neighbour node interferes
 1: Only 1 neighbour node interferes, and the other 7 don't interfere
 8: All neighbour node interfere
 interfere > 0 : Probability that a node have more than 0 interfering neighbour. (at least 1)
 interfere > 2 : Probability that a node have more than 2 interfering neighbour. (at least 3)

Figure 7