

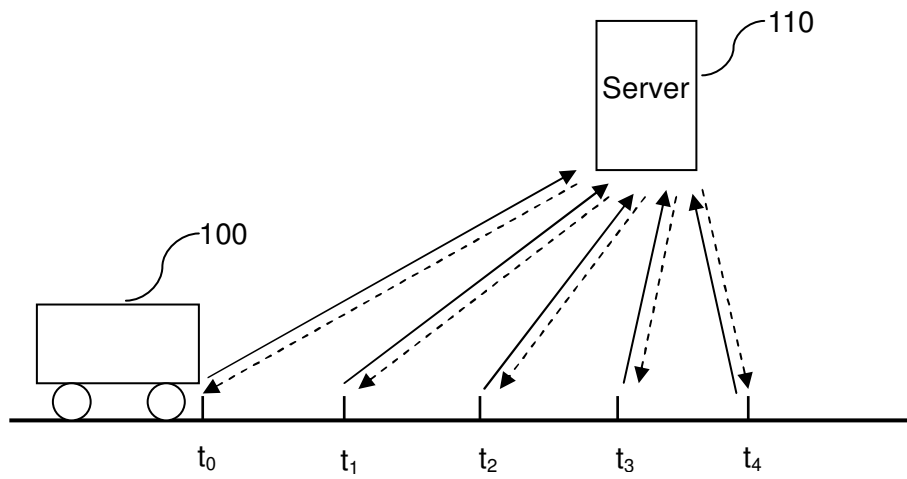


Fig. 1

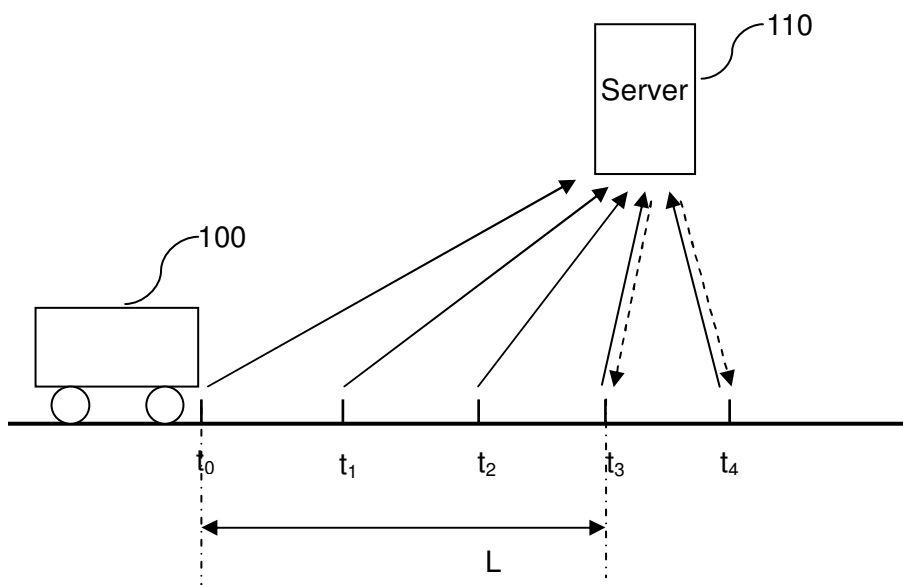


Fig. 2

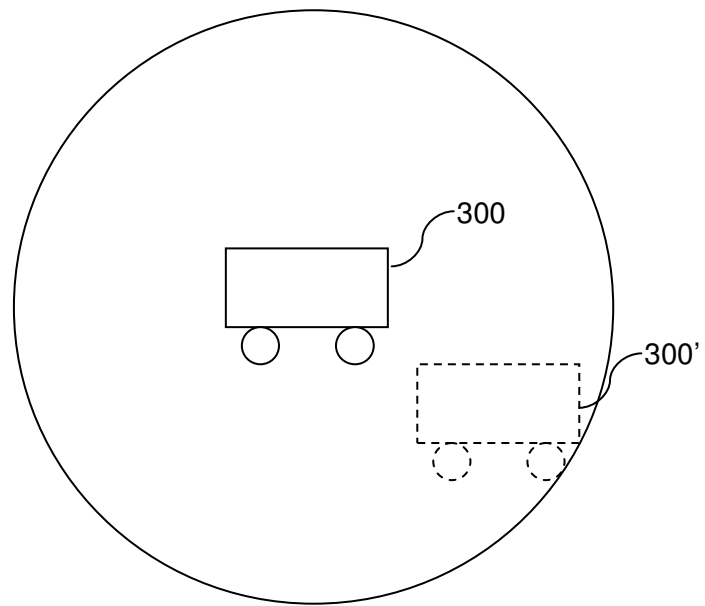


Fig. 3

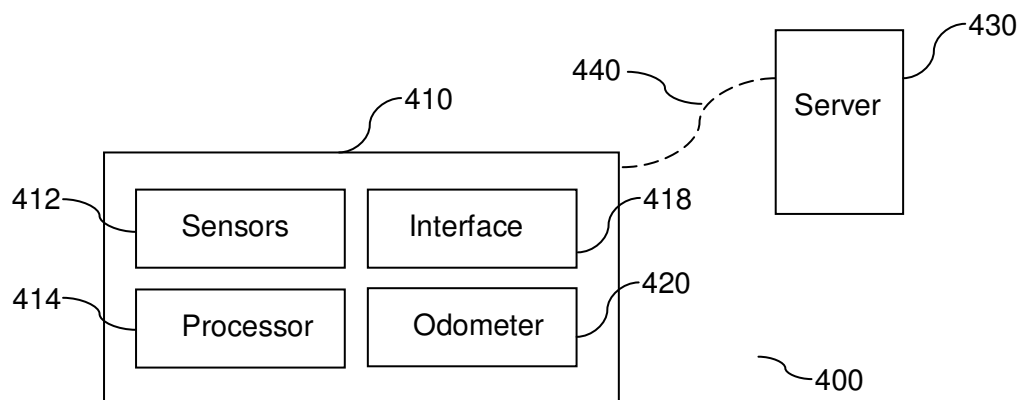


Fig. 4

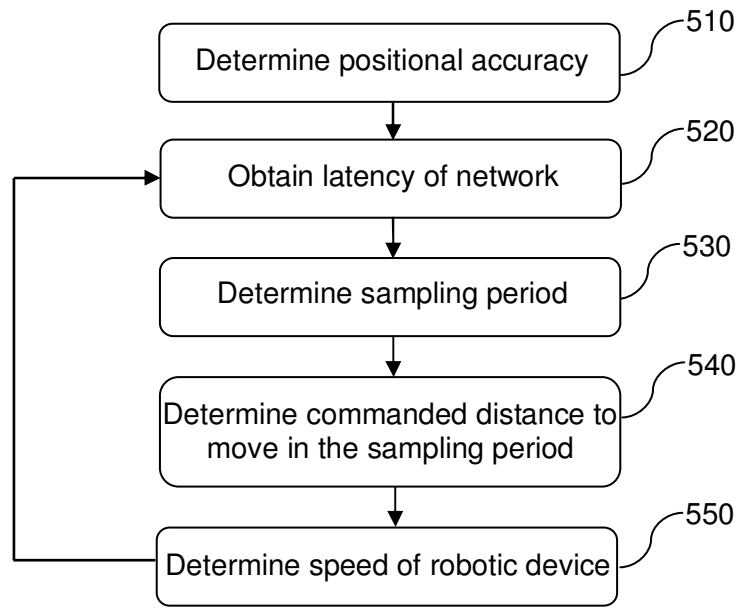


Fig. 5

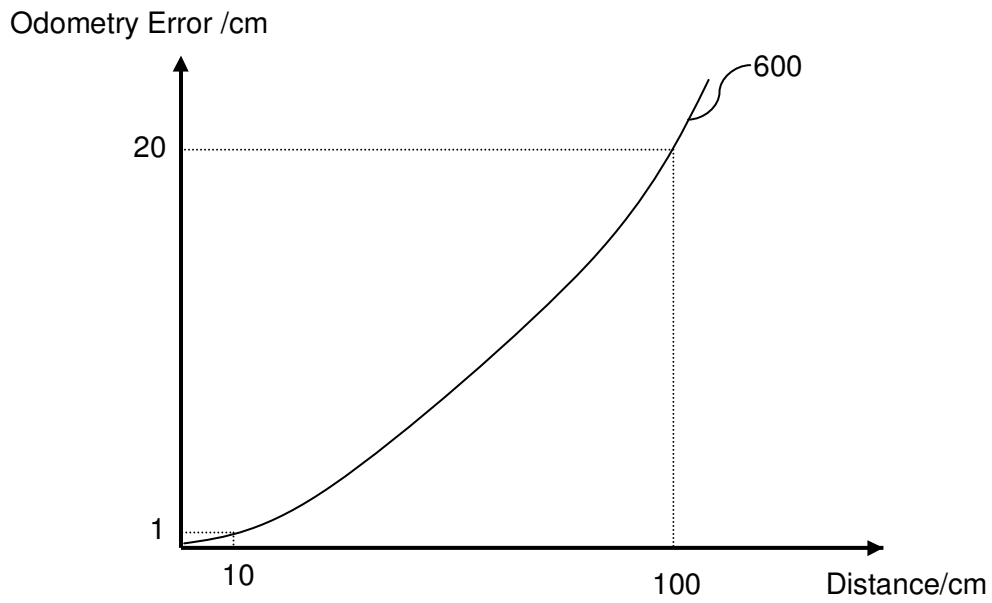


Fig. 6

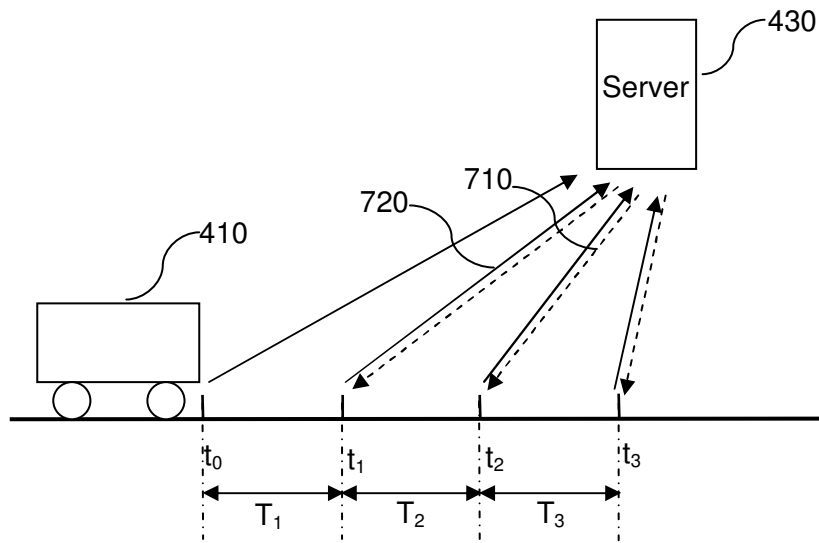


Fig. 7

t	Desired Distance	Commanded Distance to Move from t_n to t_{n+1}	Actual Distance Moved from t_{n-1} to t_n	Desired Position	Actual Position	Positional Error
t_0	D_1	D_1	-	0	0	0
t_1	D_2	D_2	$D_1 + E_1$	D_1	$D_1 + E_1$	E_1
t_2	D_3	$D_3 - E_1$	$D_2 + E_2$	$D_1 + D_2$	$D_1 + D_2 + E_1 + E_2$	$E_1 + E_2$
t_3	D_4	$D_4 - E_2$	$D_3 - E_1 + E_3$	$D_1 + D_2 + D_3$	$D_1 + D_2 + D_3 + E_2 + E_3$	$E_2 + E_3$

Fig. 8