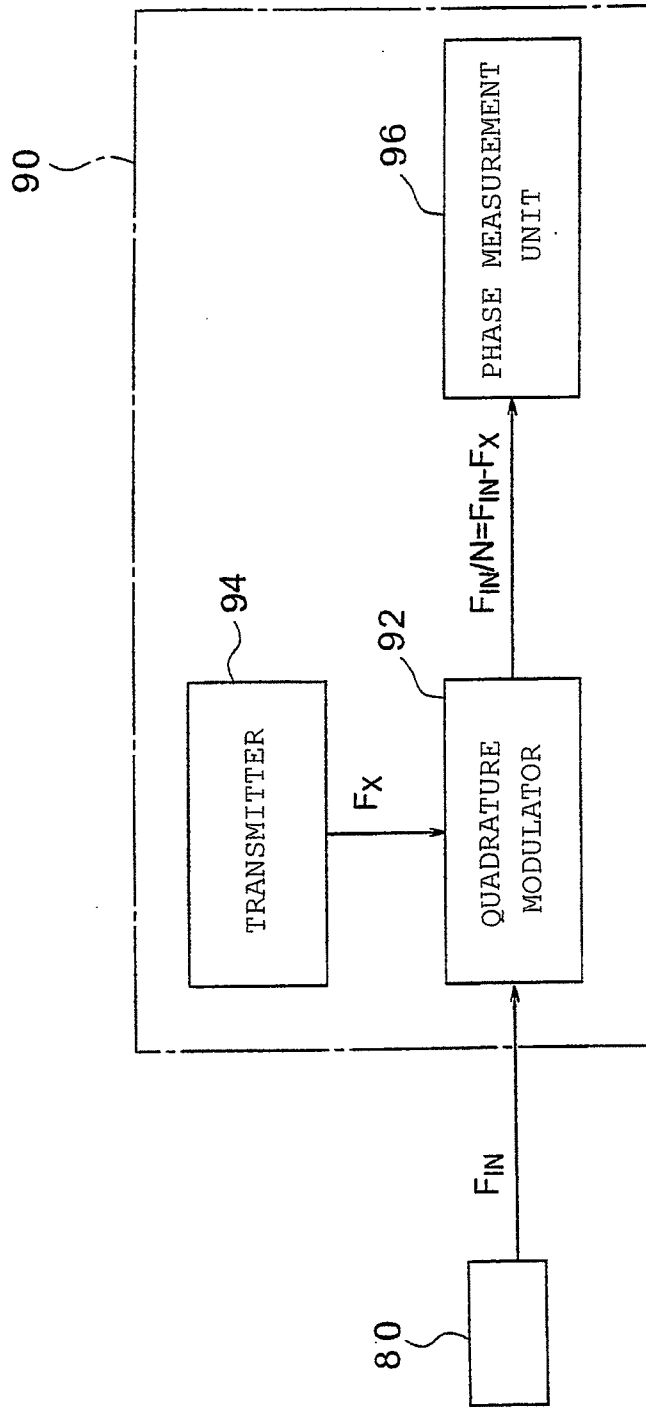


FIG. 1



F_{IN} : INPUT FREQUENCY

F_X : TRANSMITTER FREQUENCY

N : INTEGER

FIG. 2

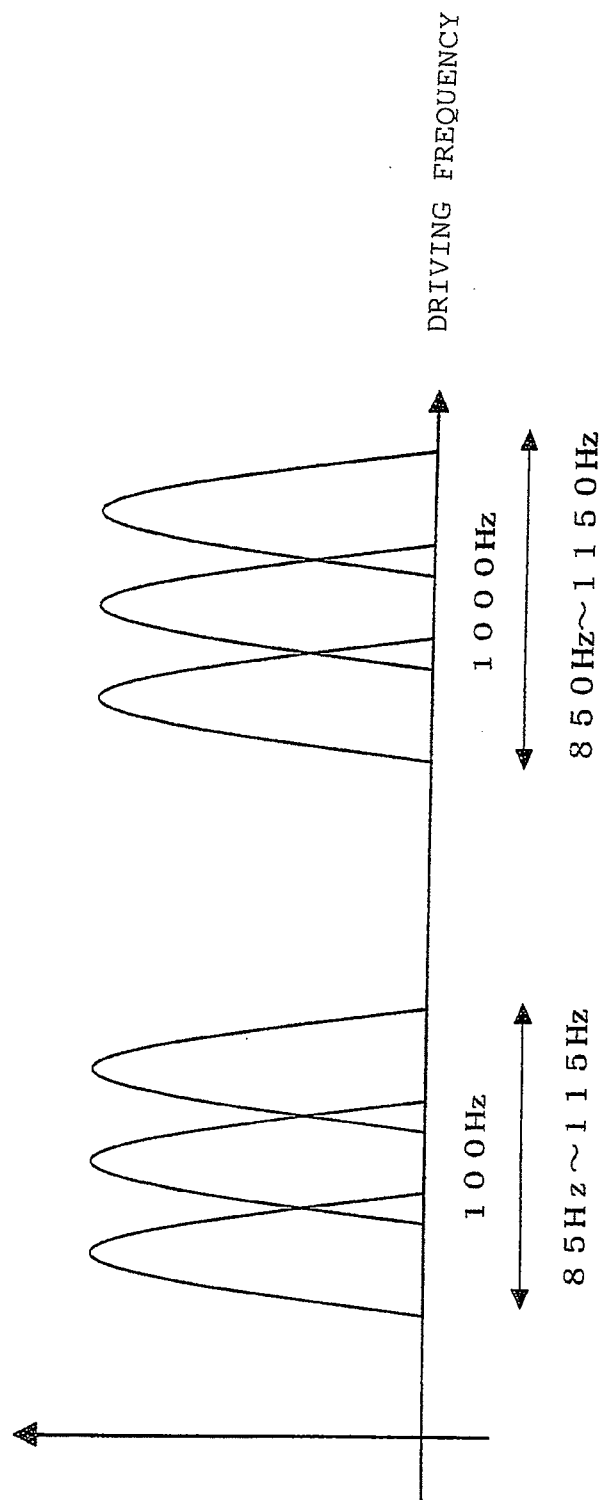


FIG. 3

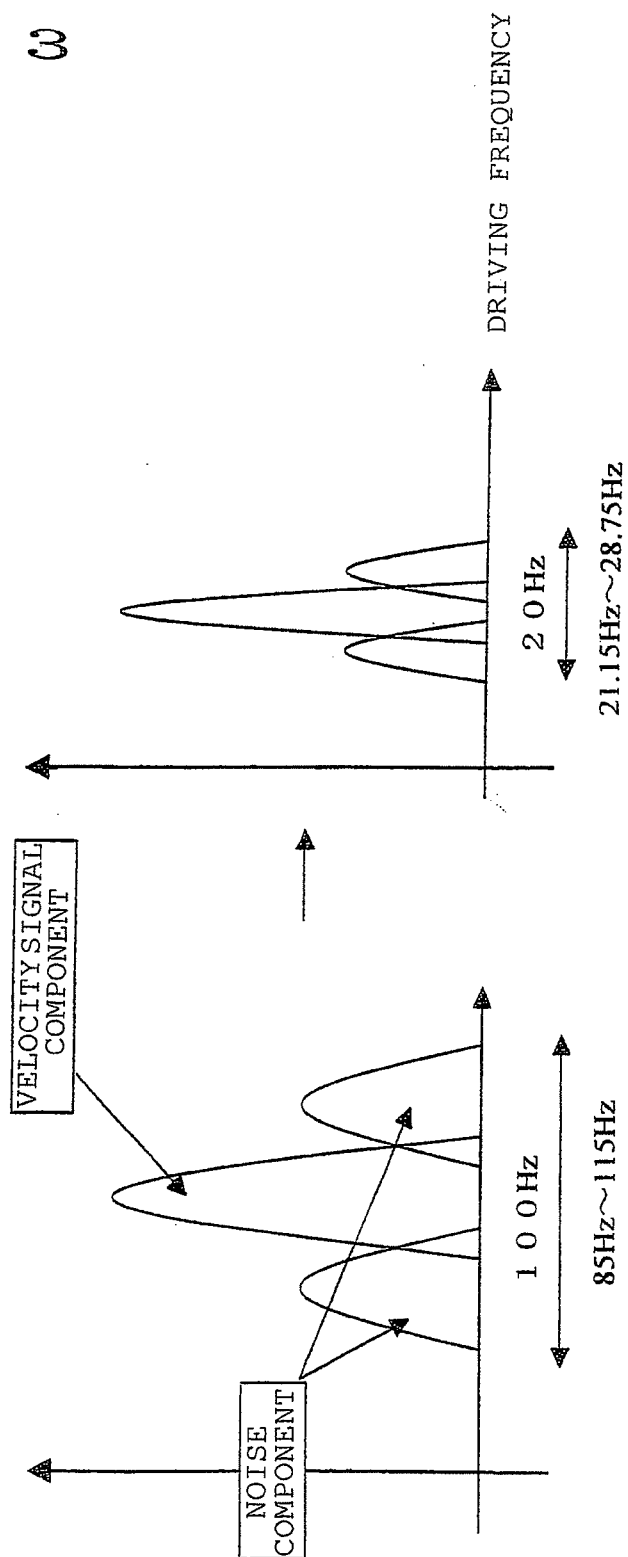


FIG. 4

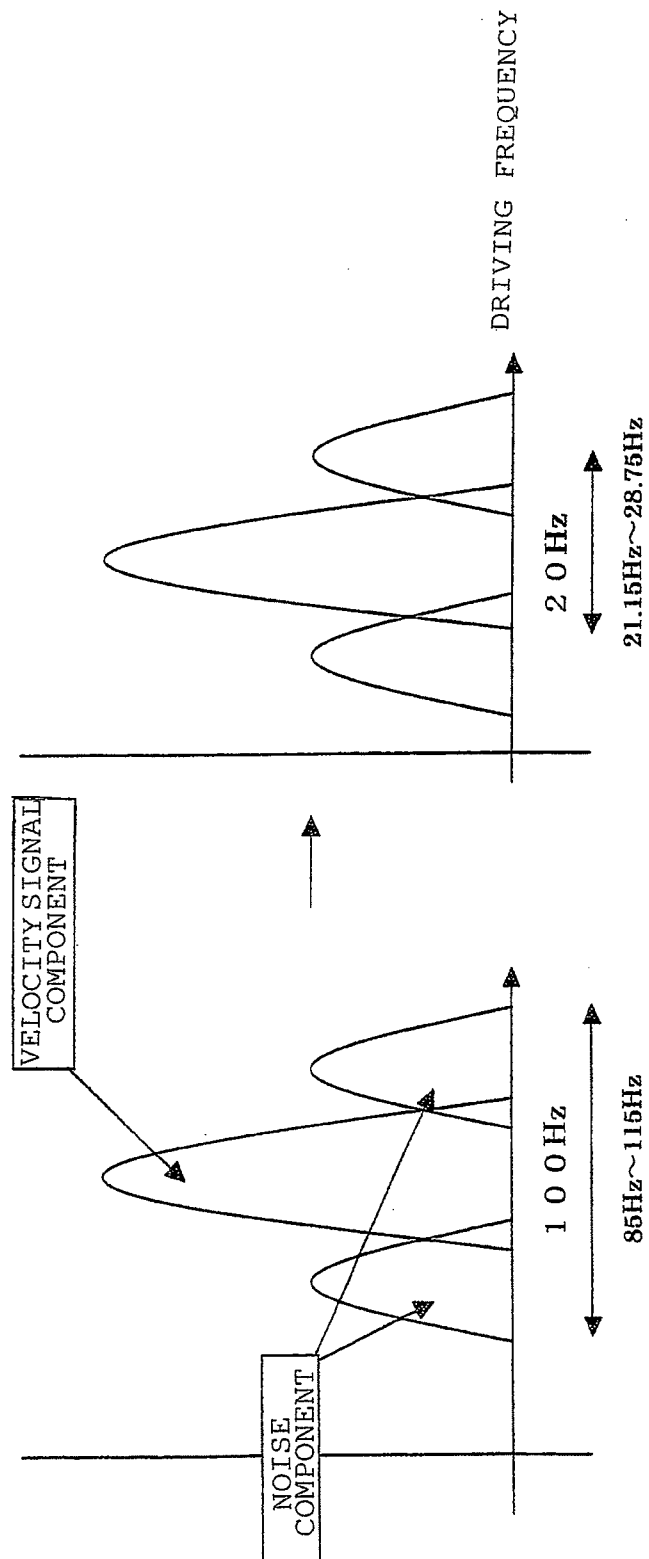
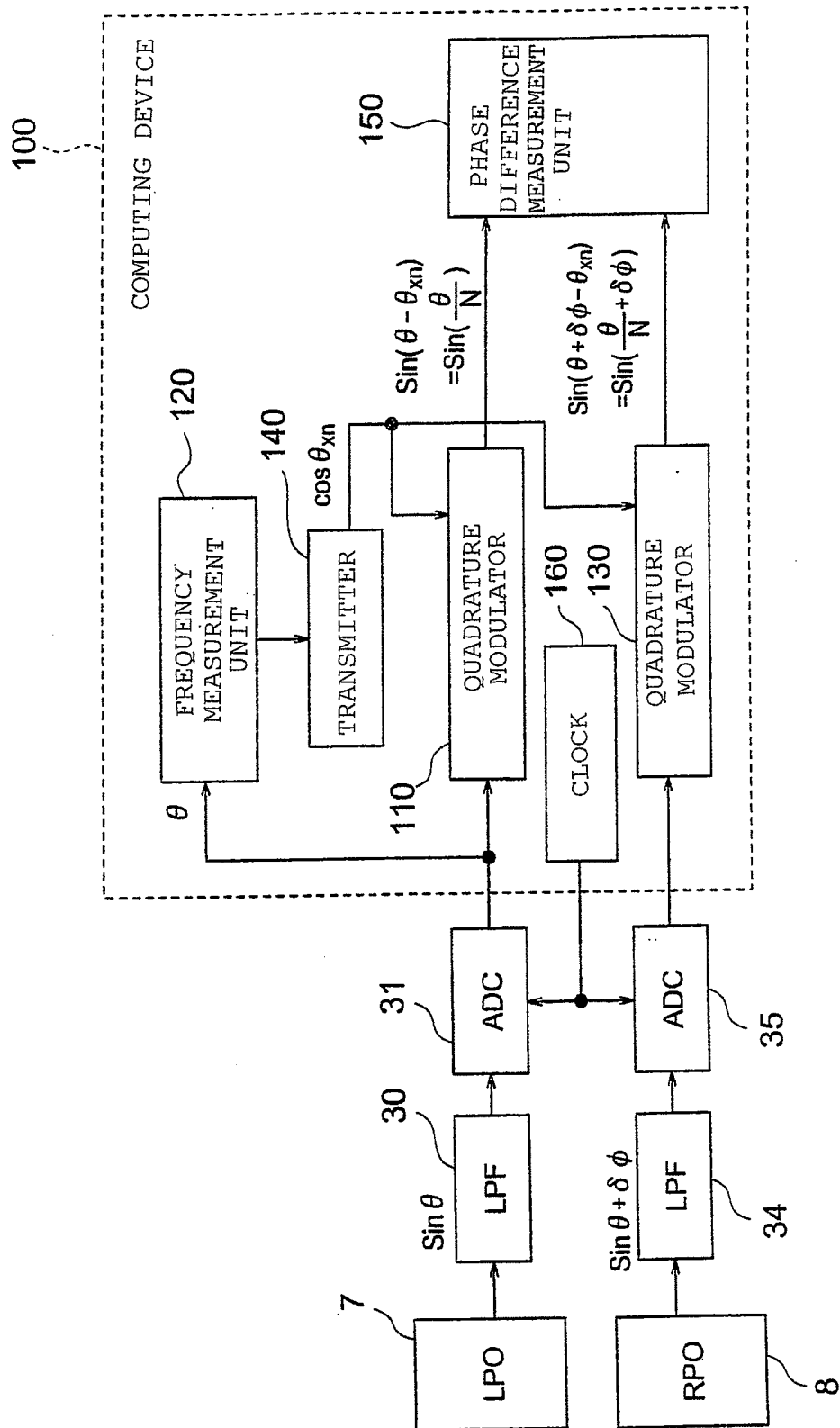


FIG. 5



6 / 3 2

FIG. 6

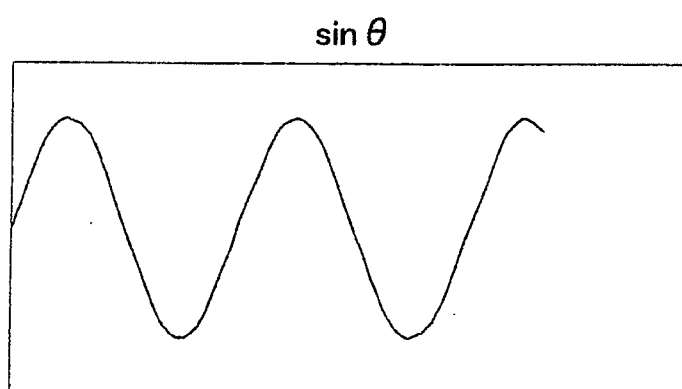


FIG. 7

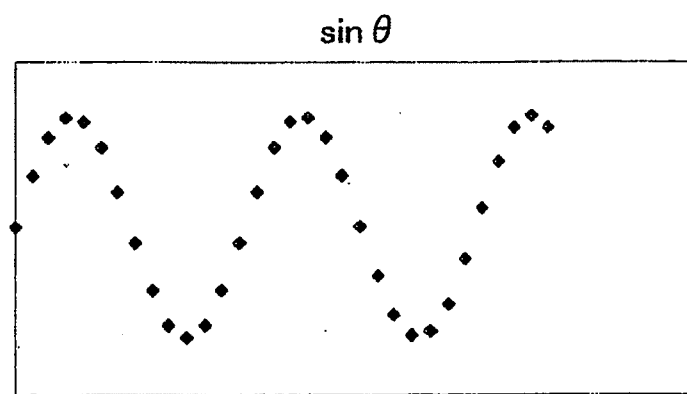


FIG. 8

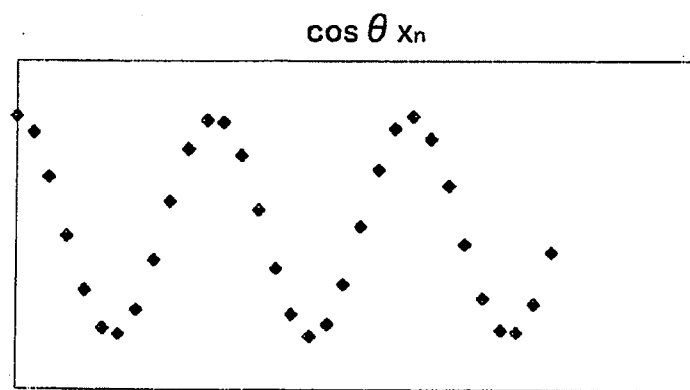
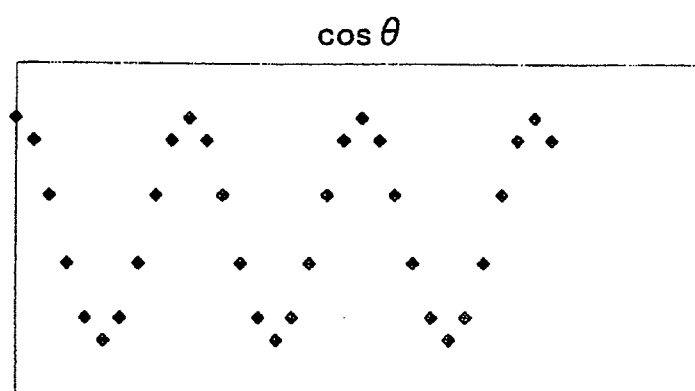
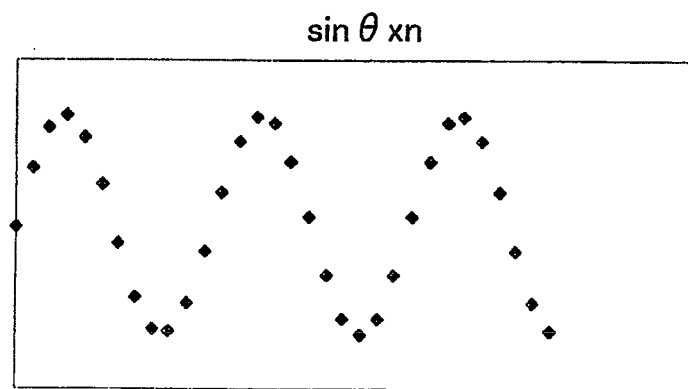


FIG. 9



1 0 / 3 2

FIG. 1 O



$$1 \ 1 / 3 \ 2$$

FIG. 1 1

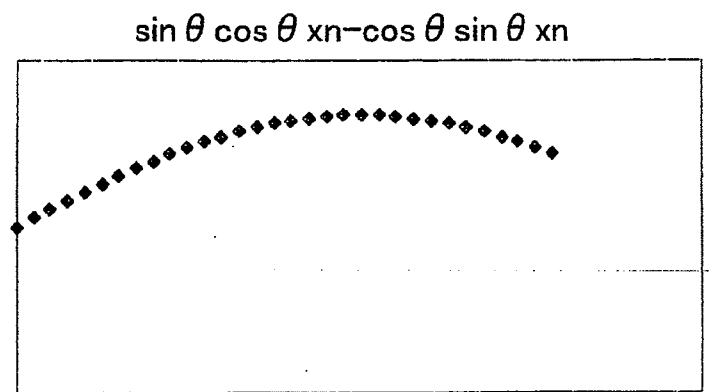


FIG. 1 2

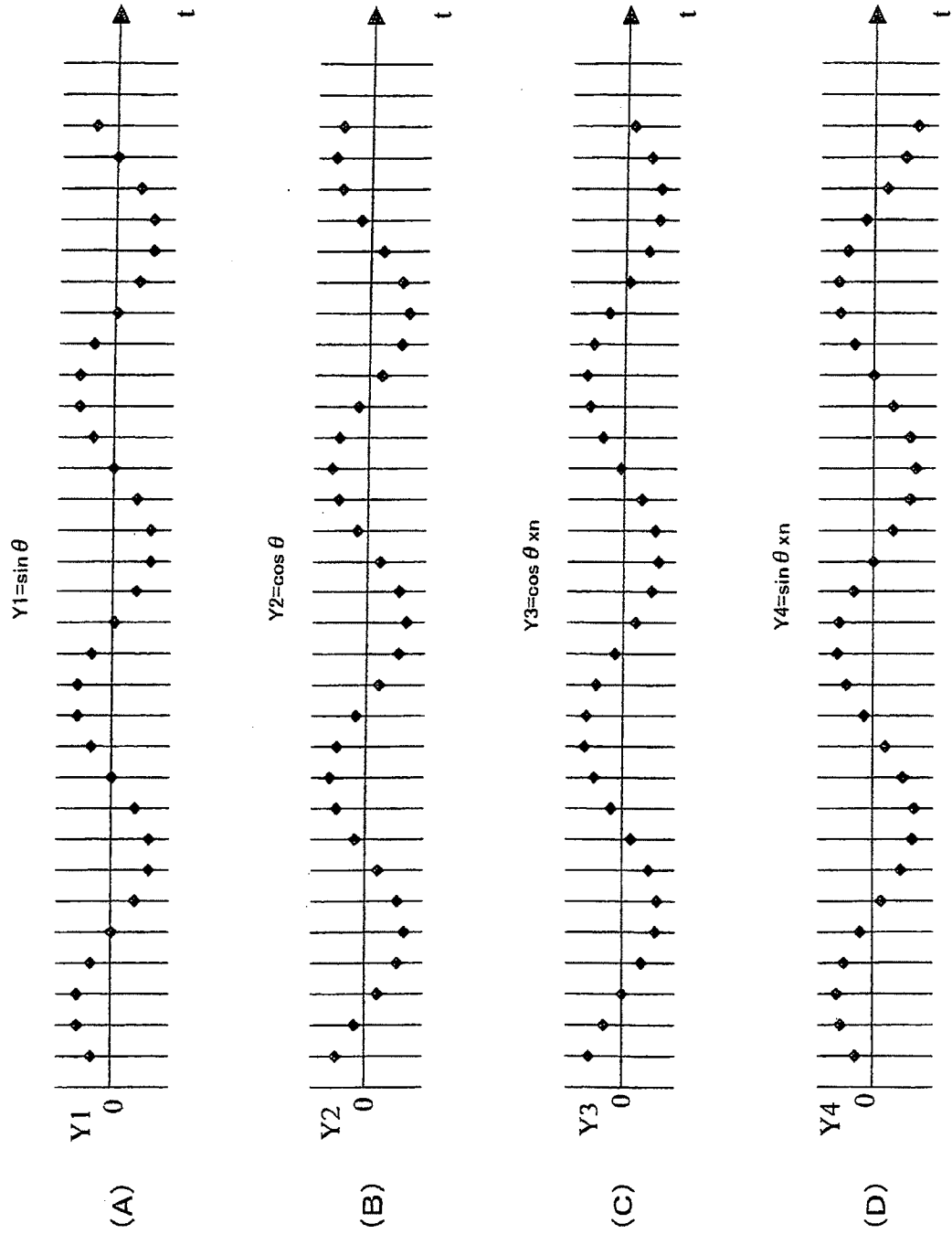


FIG. 1 3

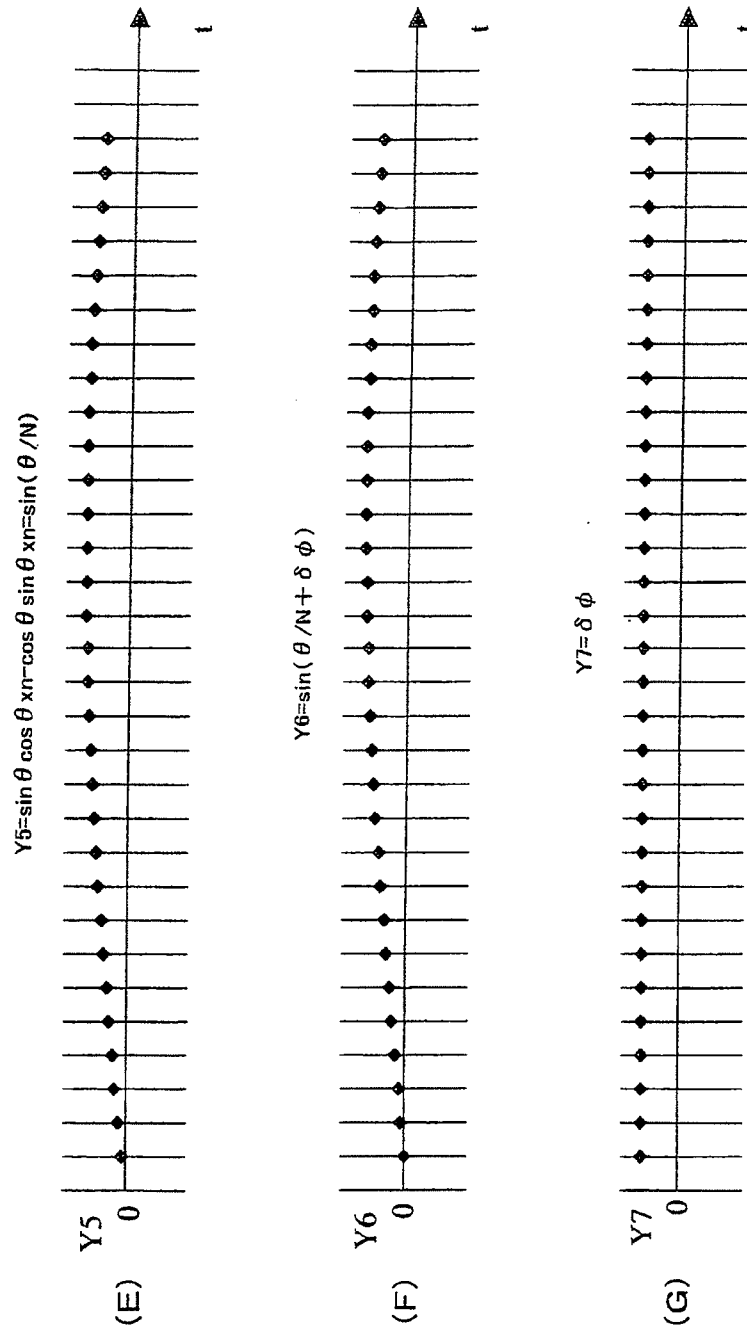


FIG. 1 4

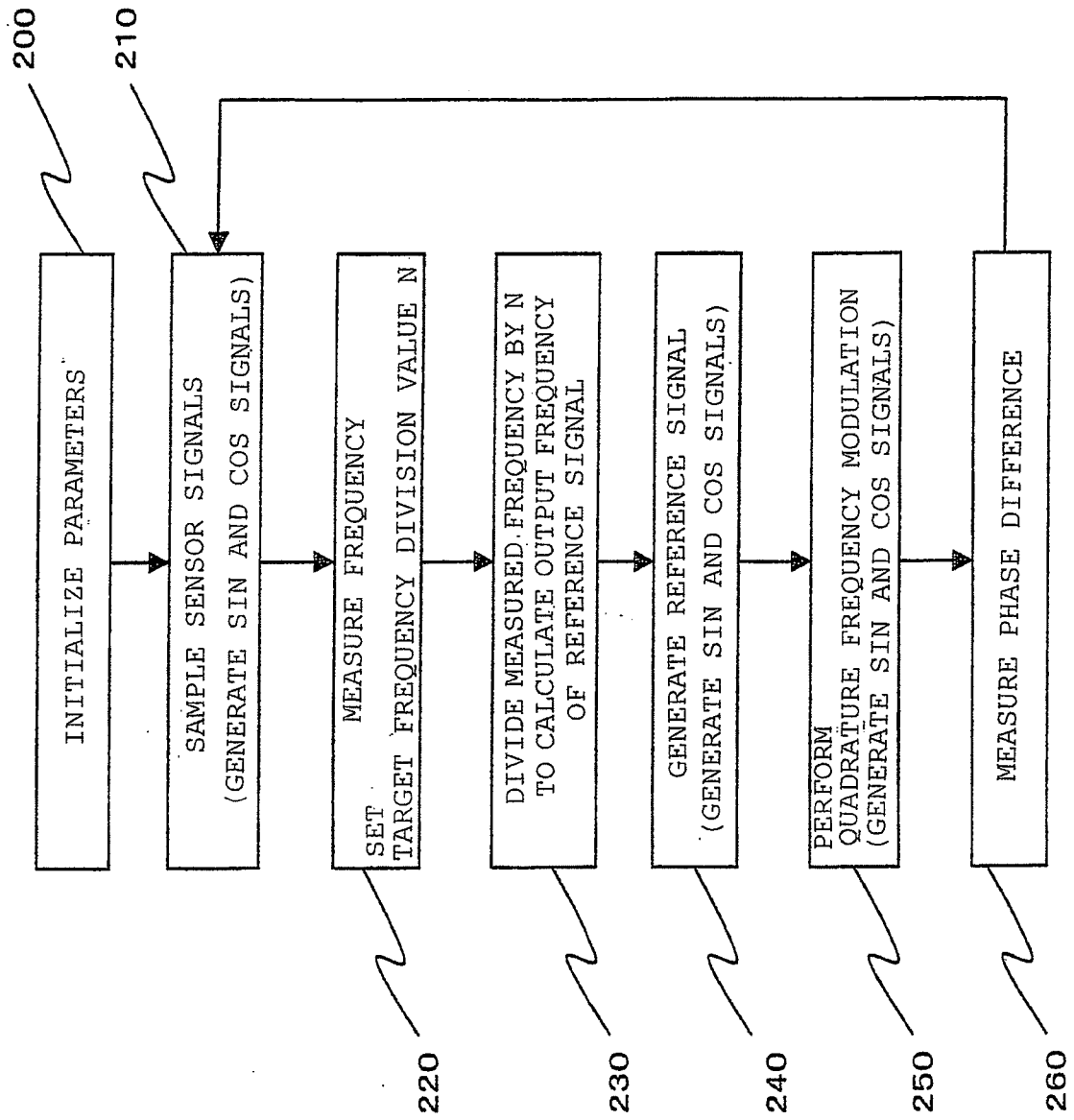
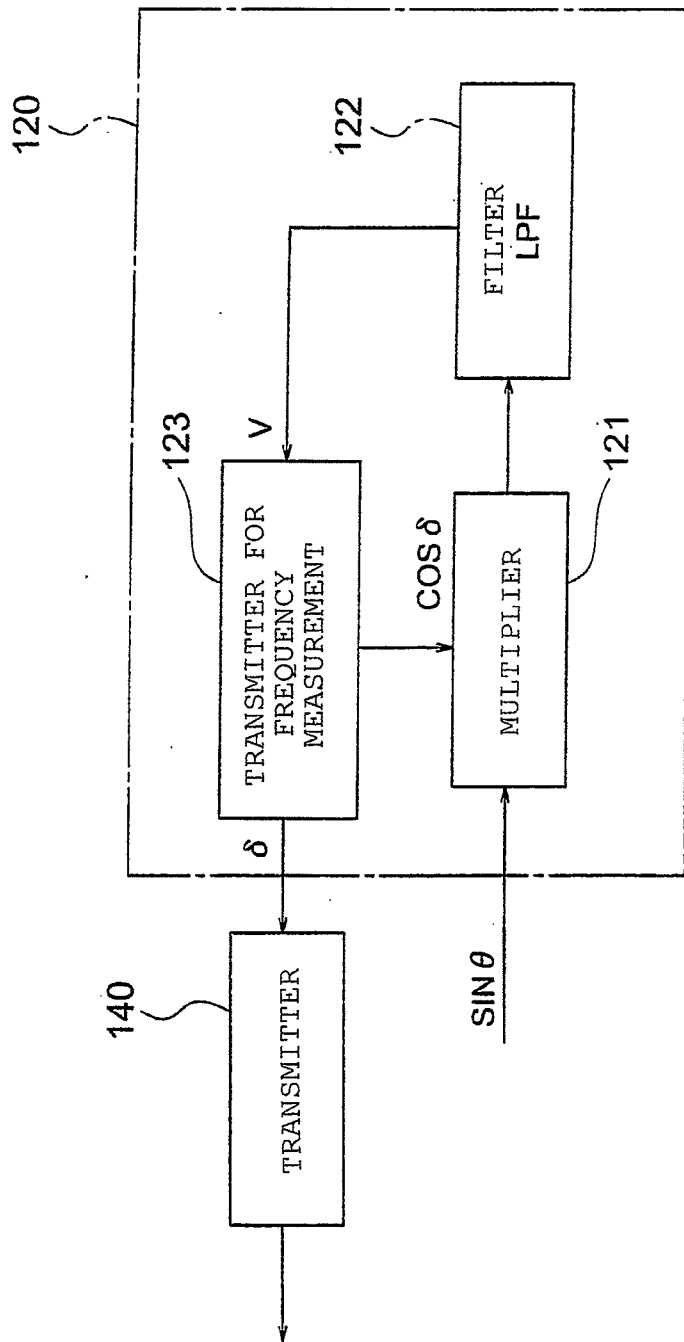


FIG. 1 5



INPUT SIGNAL : $\sin \theta$
 OUTPUT WAVEFORM OF TRANSMITTER : $\cos \delta$
 FOR FREQUENCY MEASUREMENT
 FILTER OUTPUT : V

FIG. 1 6

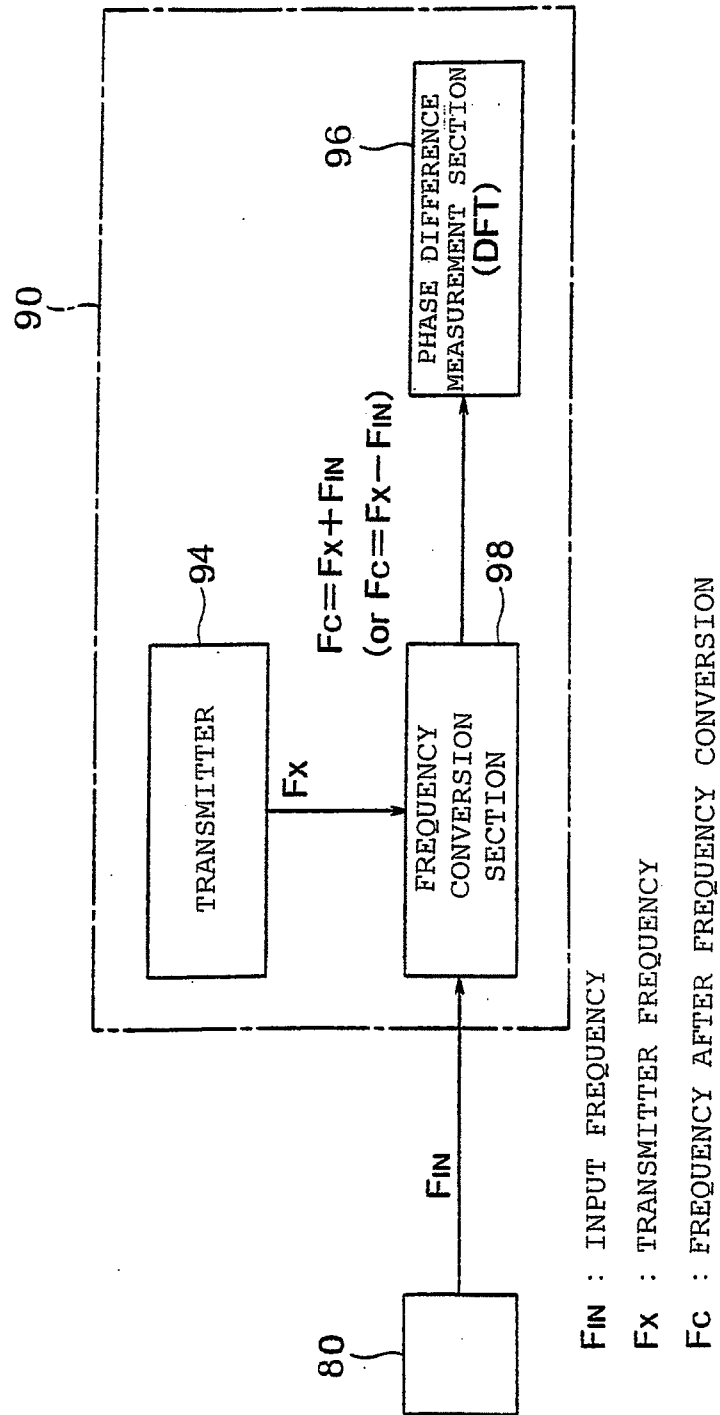


FIG. 1 7

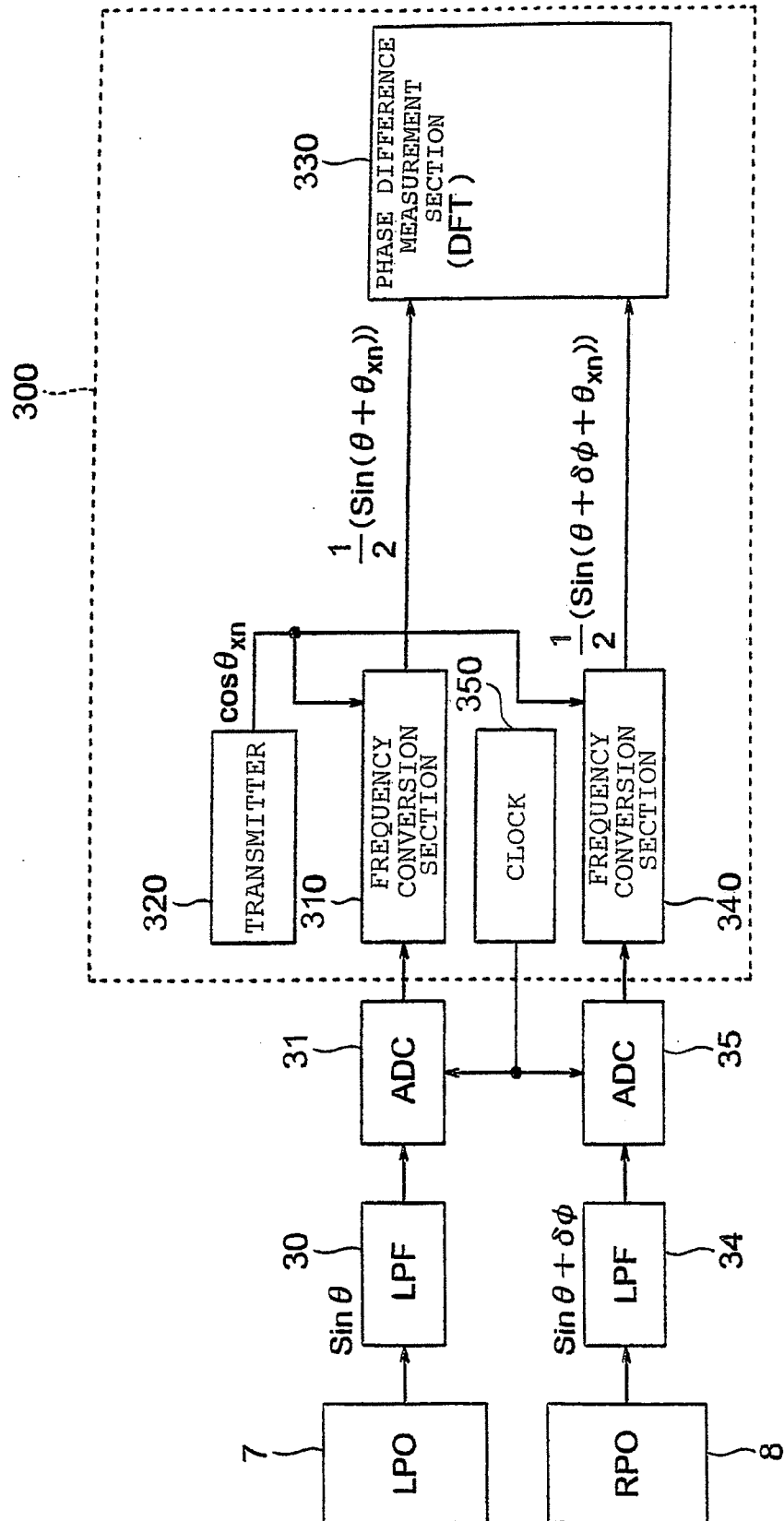
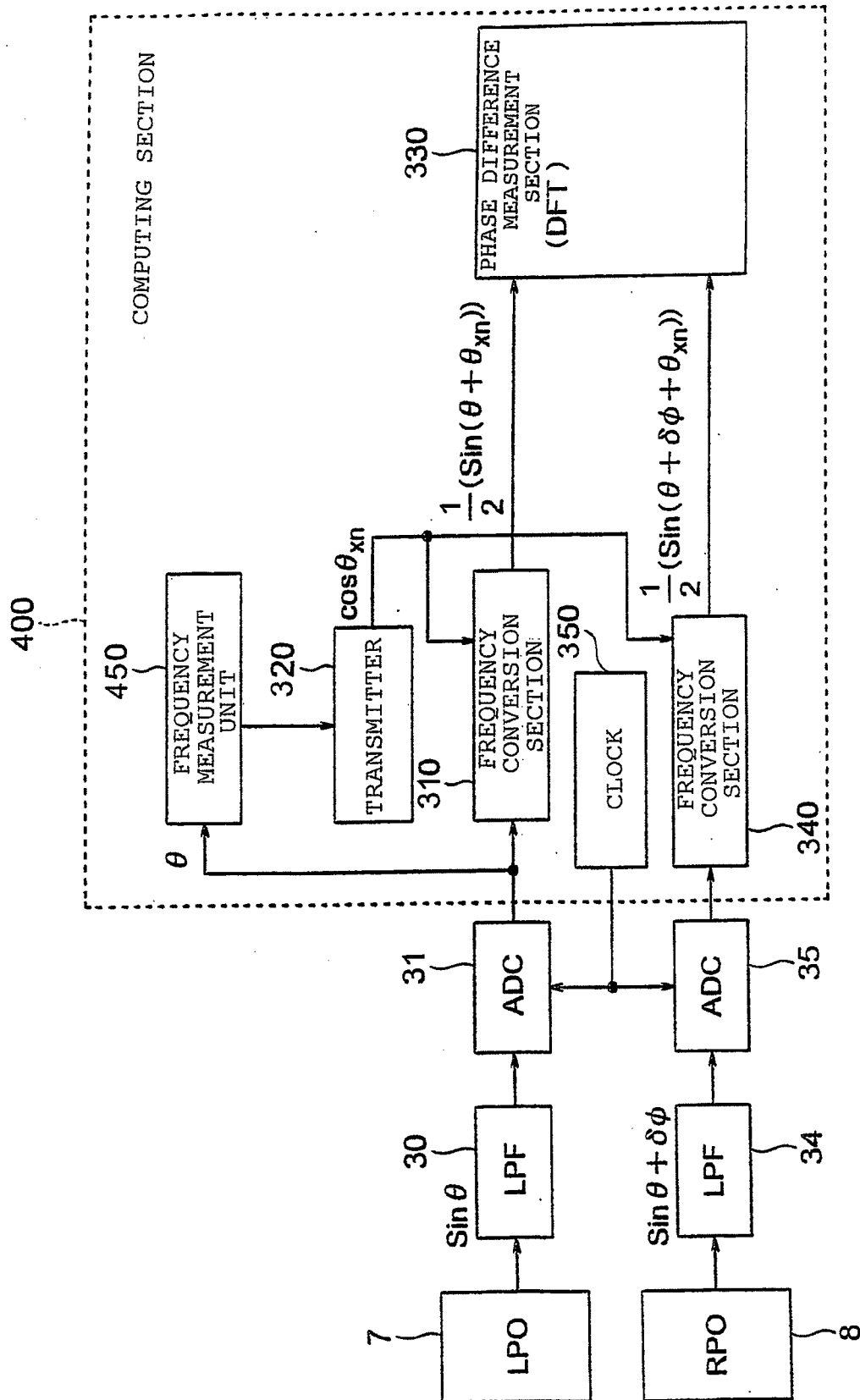
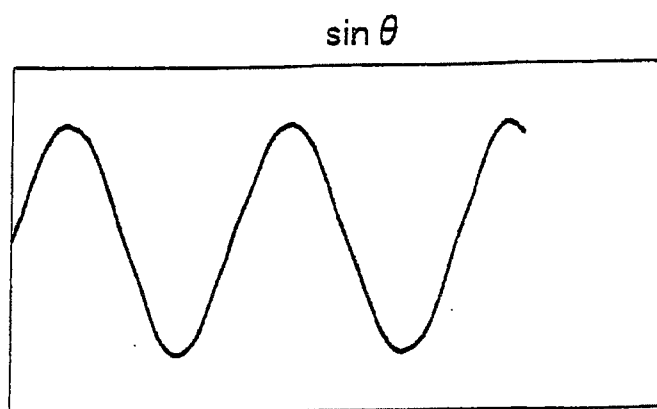


FIG. 1 8



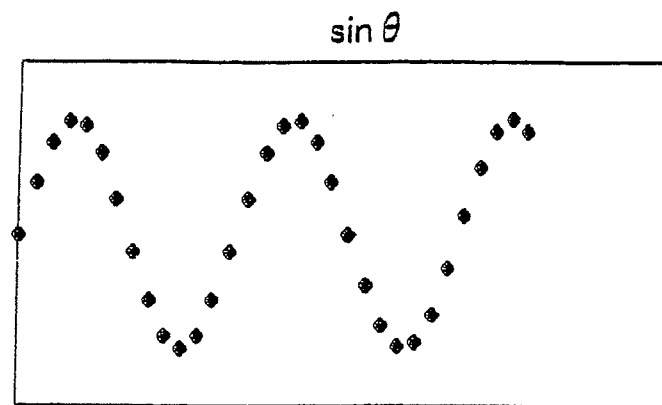
19/32

FIG. 19



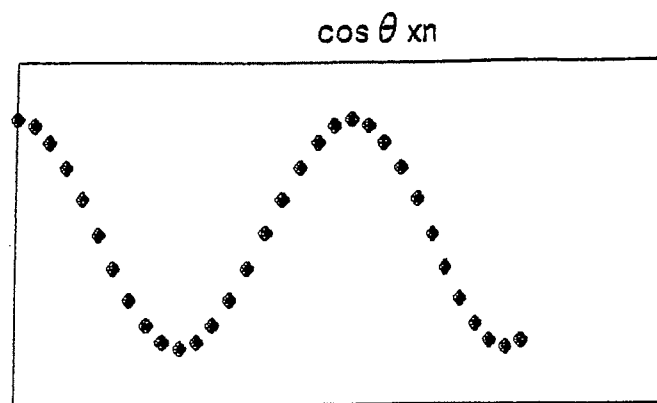
20/32

FIG. 2 O



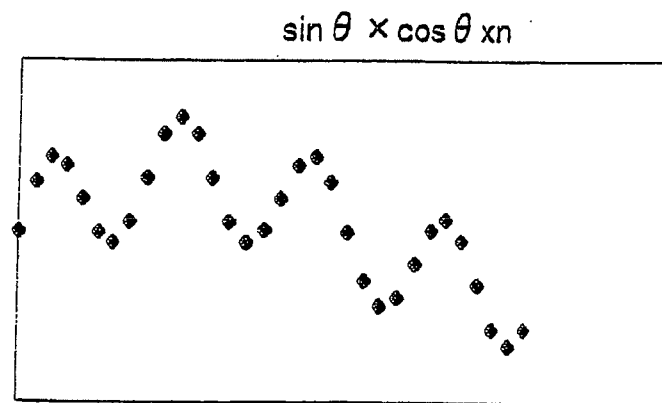
$$2 \ 1 / 3 \ 2$$

FIG. 2 1



$$2^2 / 3^2$$

FIG. 2 2



$$2\ 3 / 3\ 2$$

FIG. 2 3

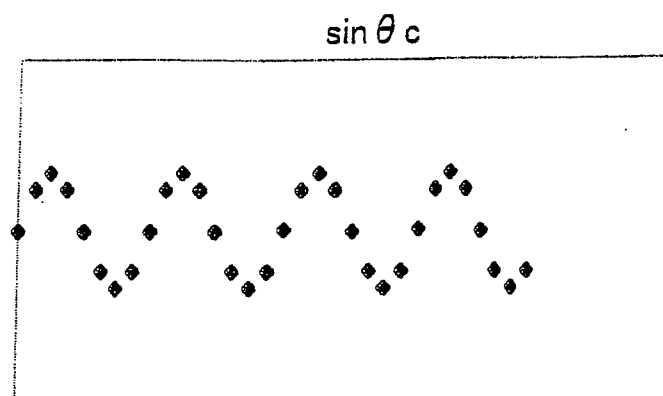


FIG. 2 4

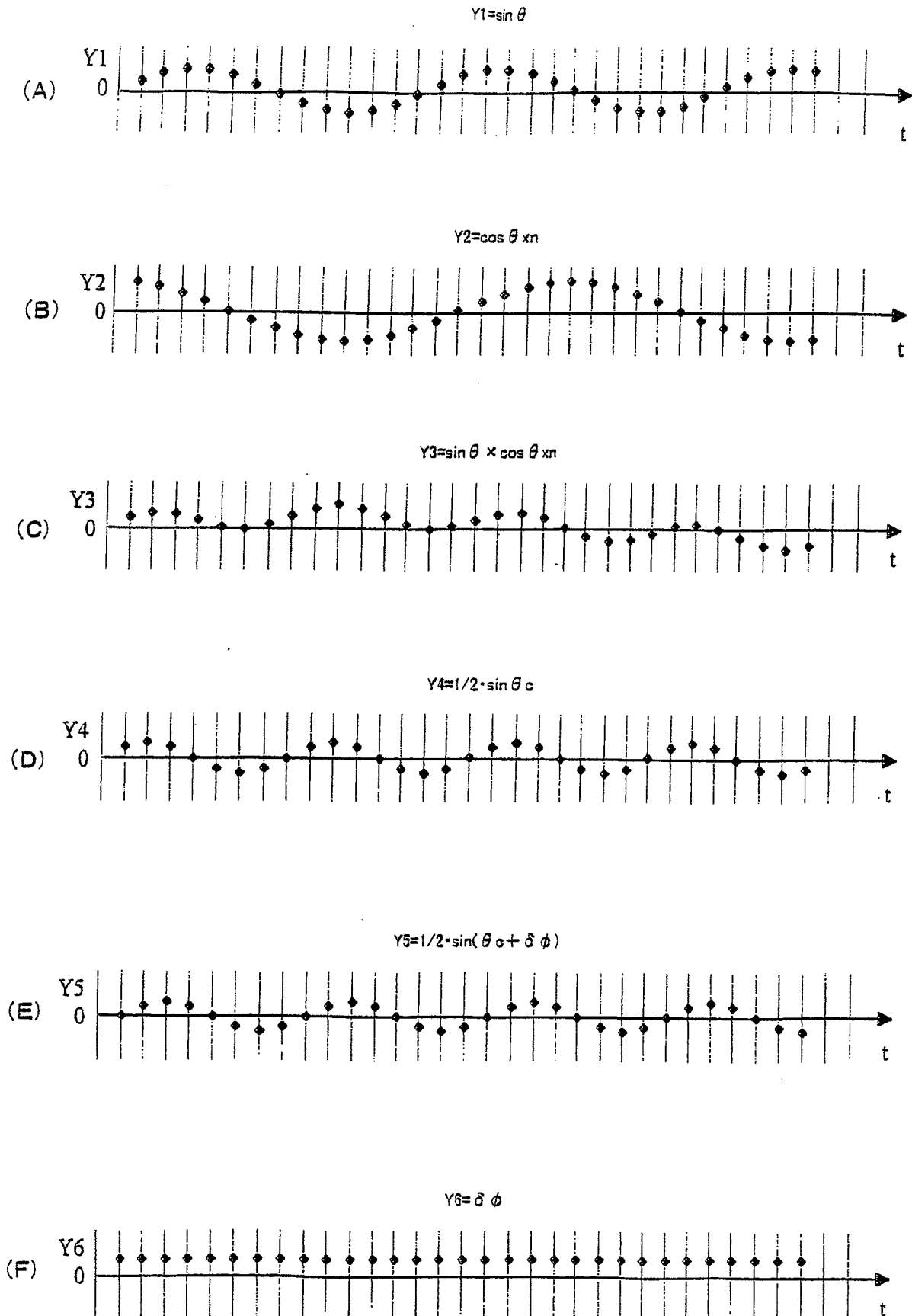


FIG. 25

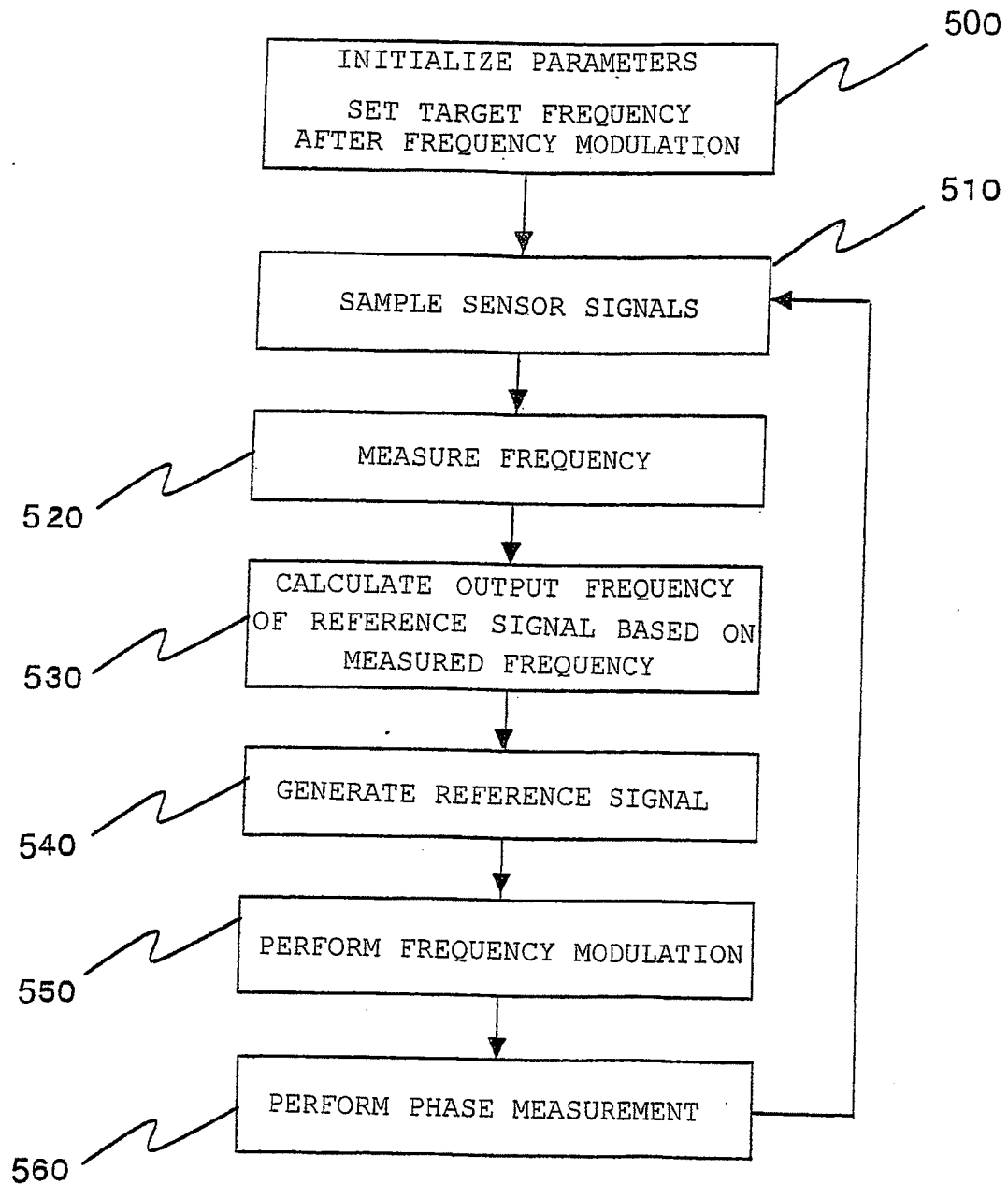


FIG. 2 6

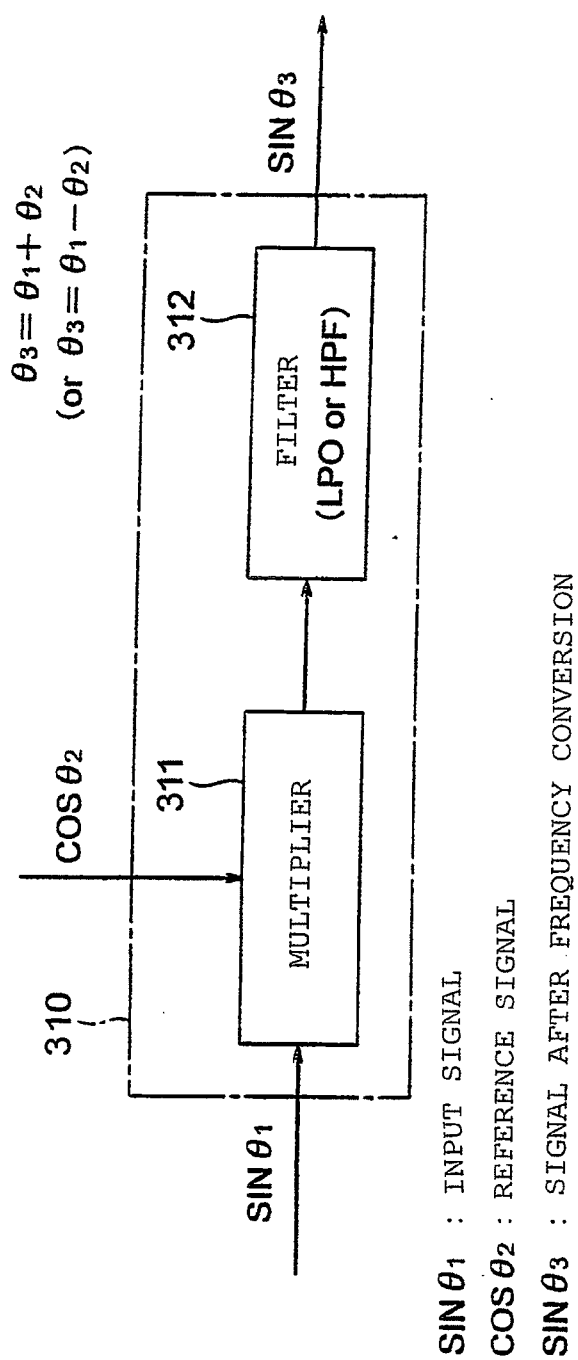


FIG. 27

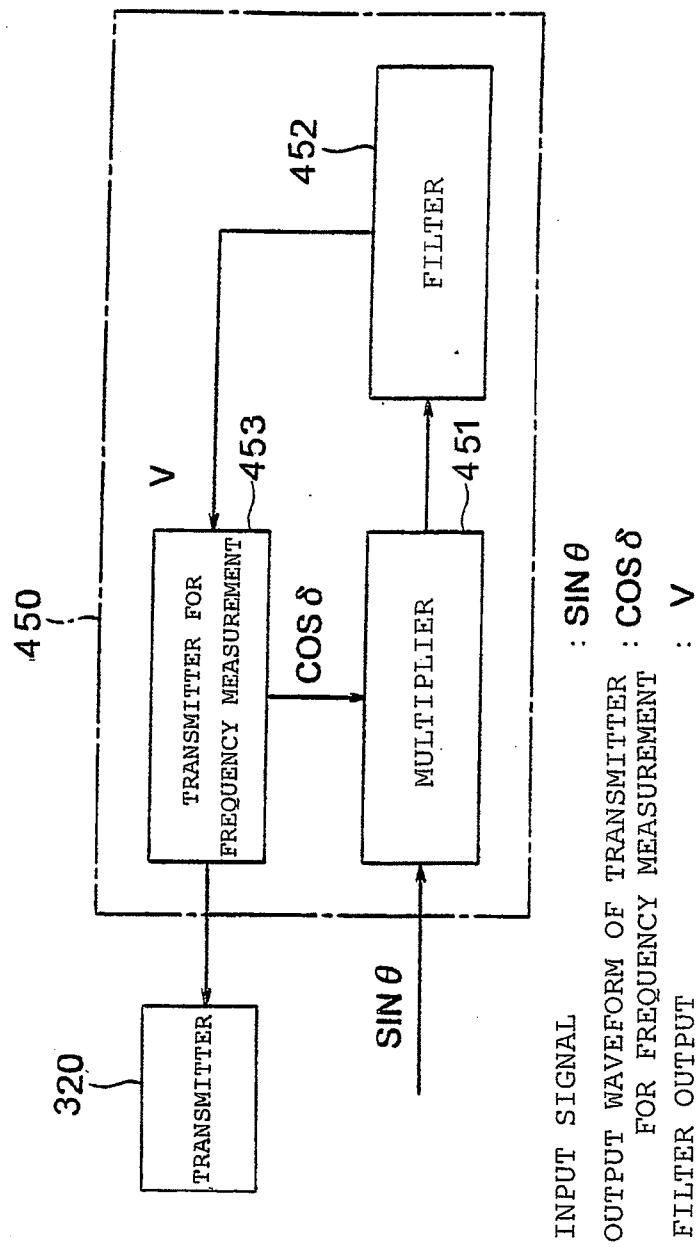


FIG. 2 8

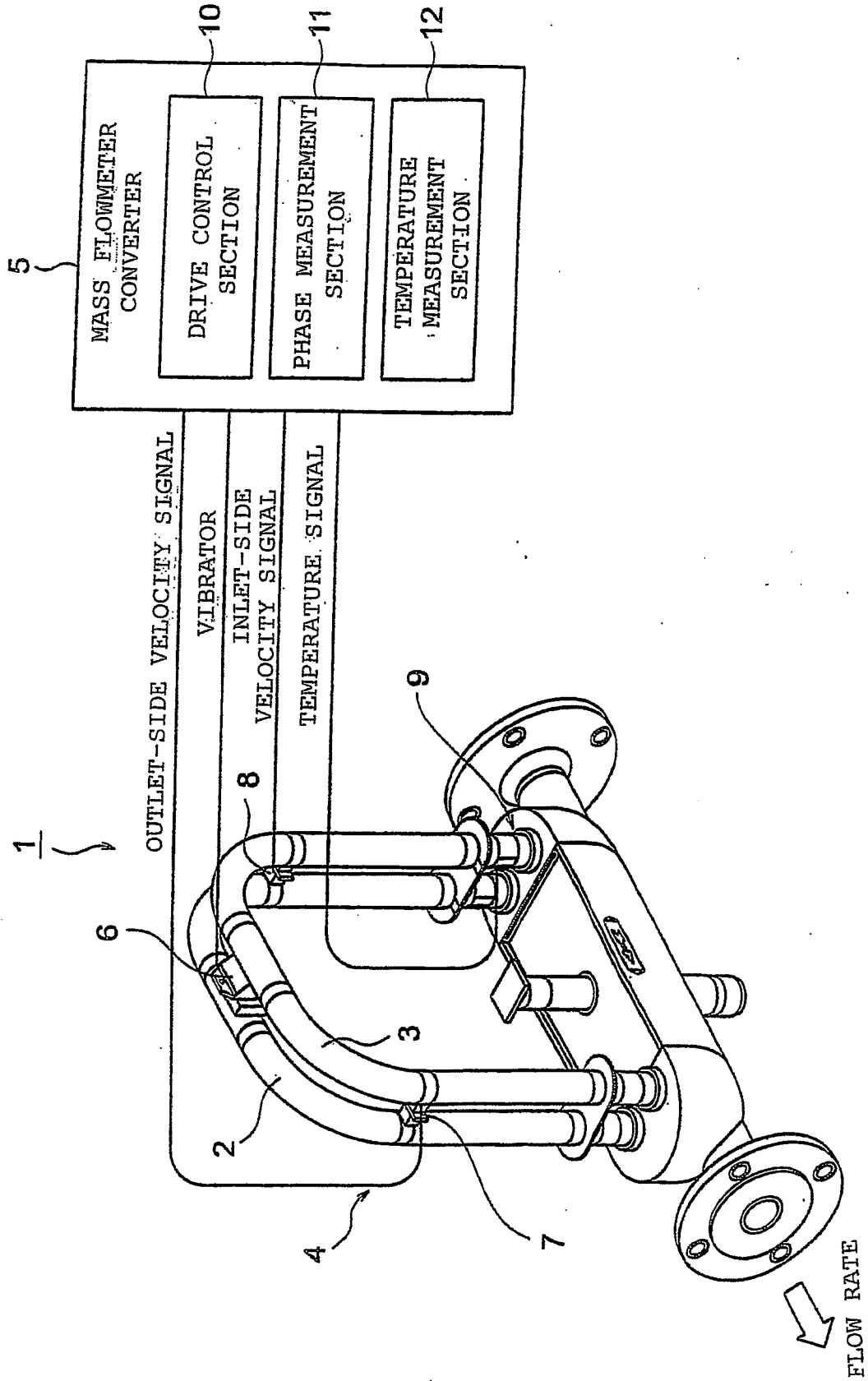


FIG. 3 O

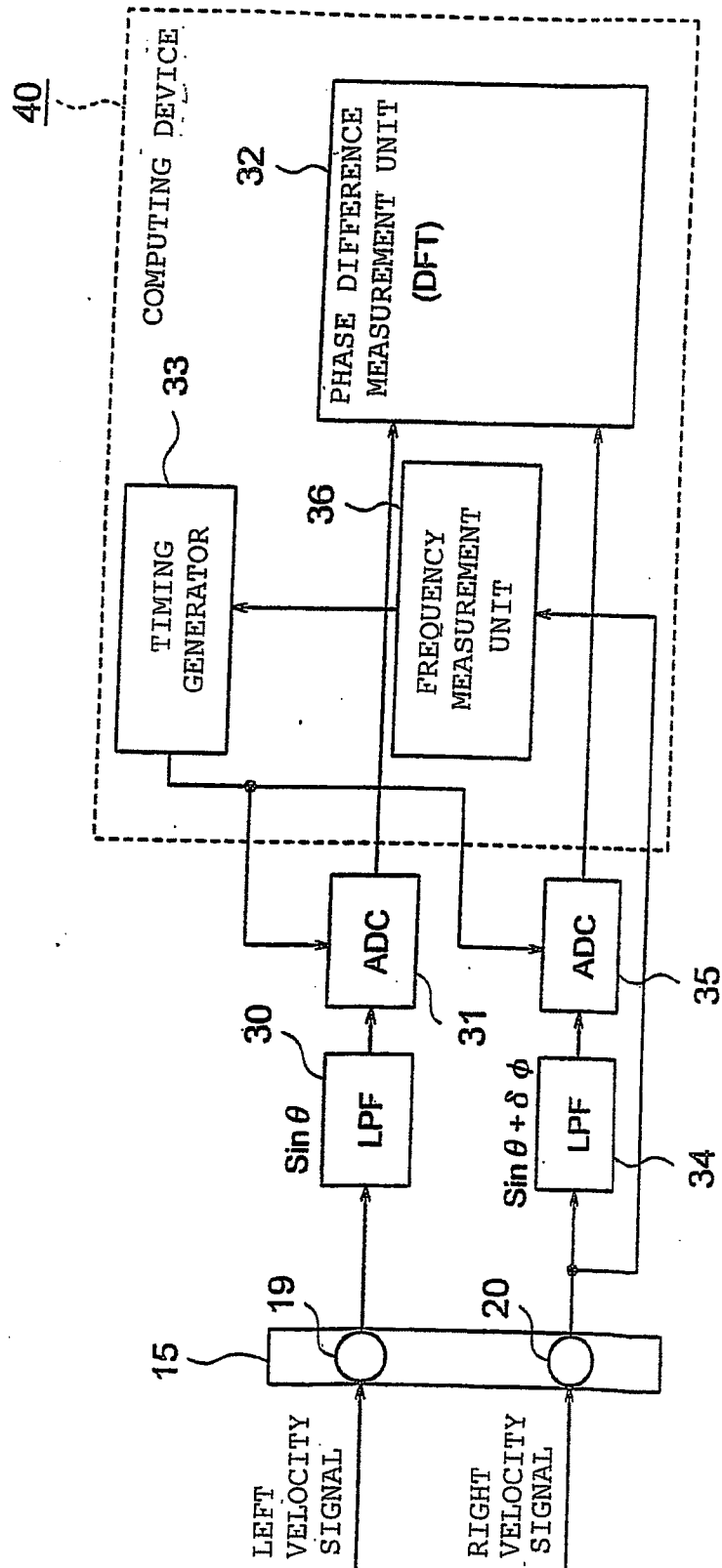


FIG. 3 1

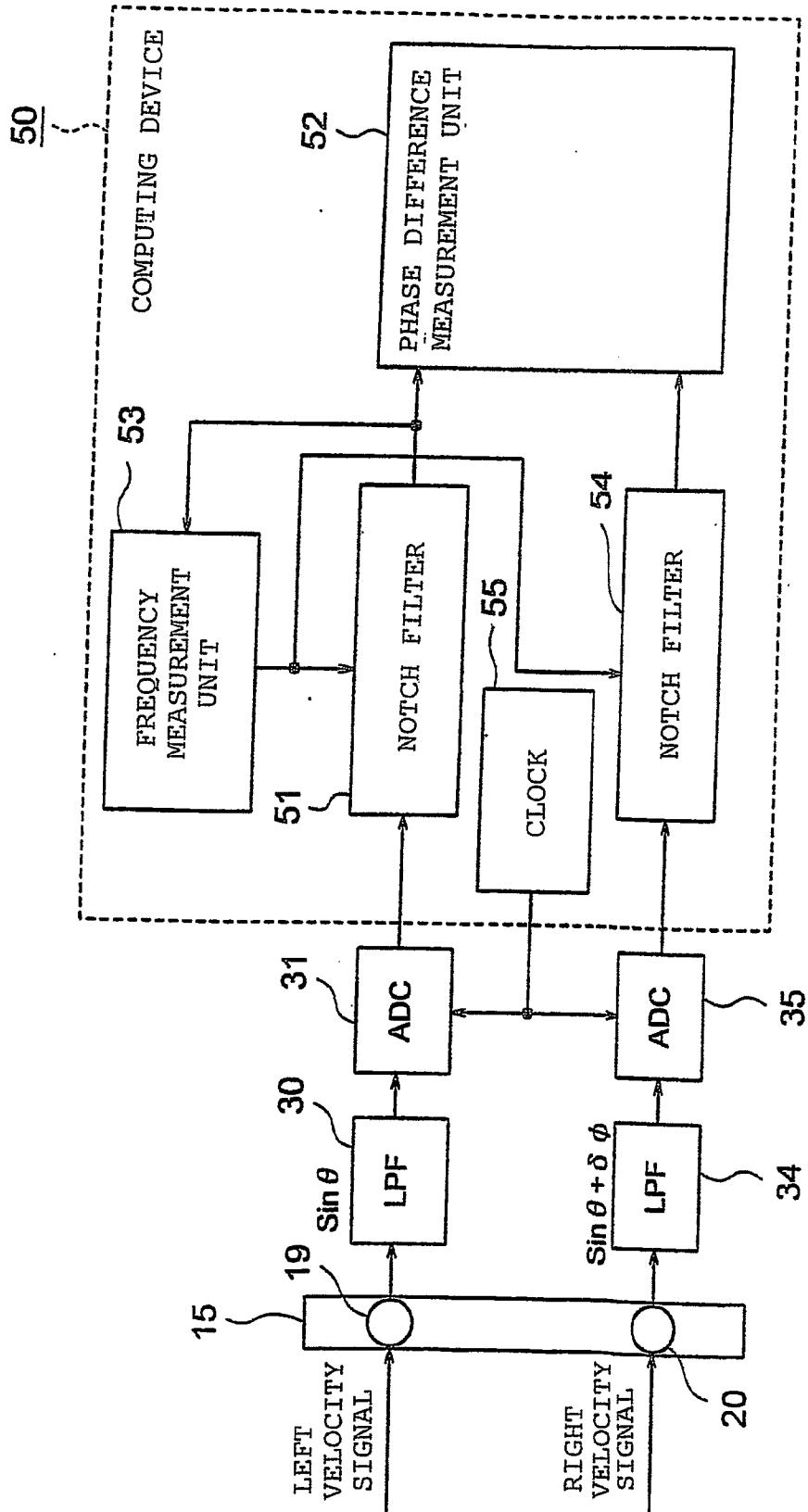


FIG. 3 2

