

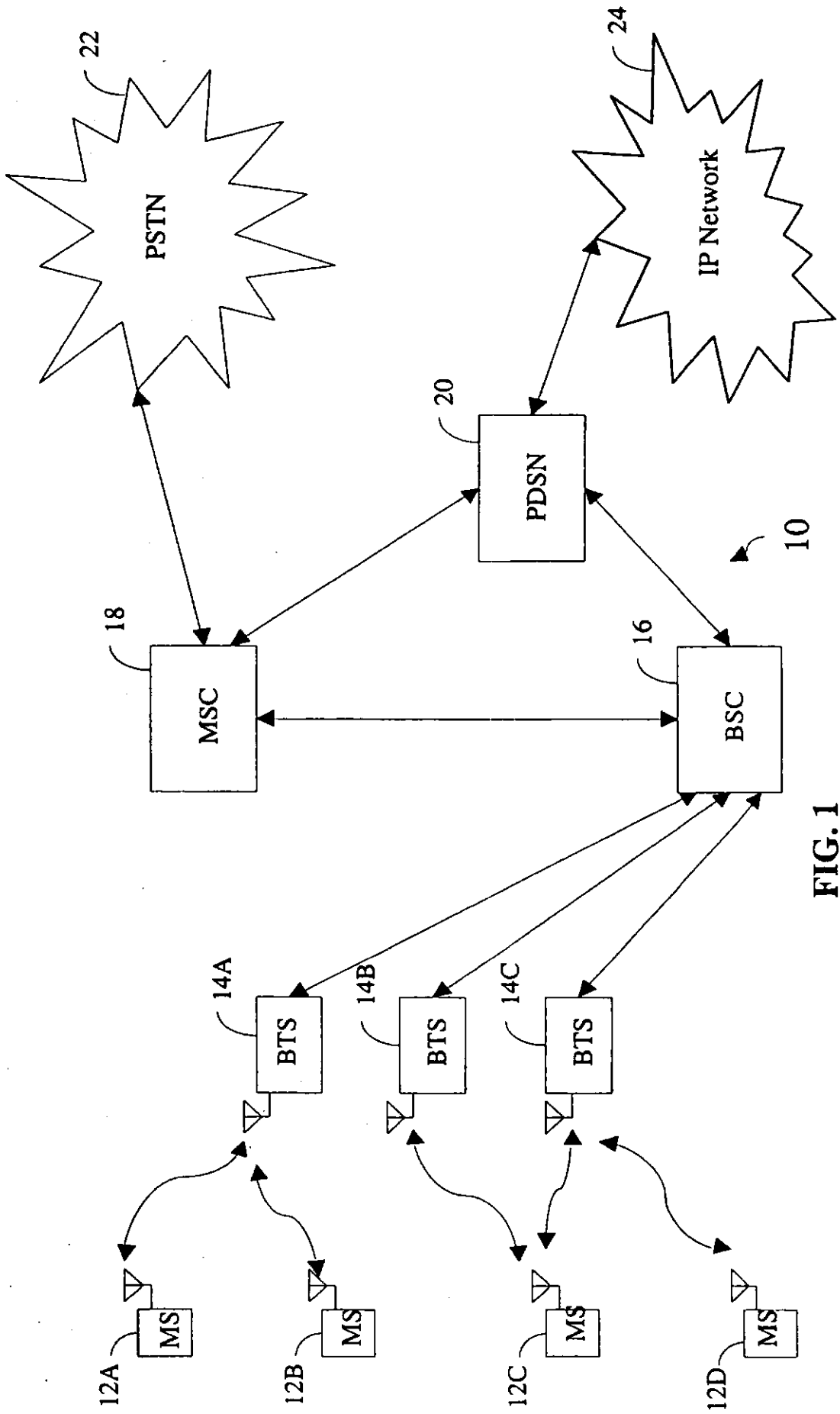


FIG. 1

FIG. 2A

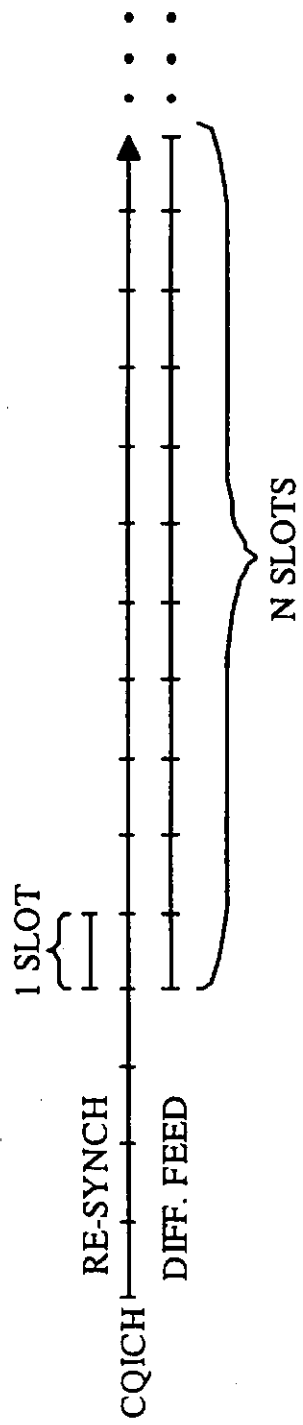


FIG. 2B

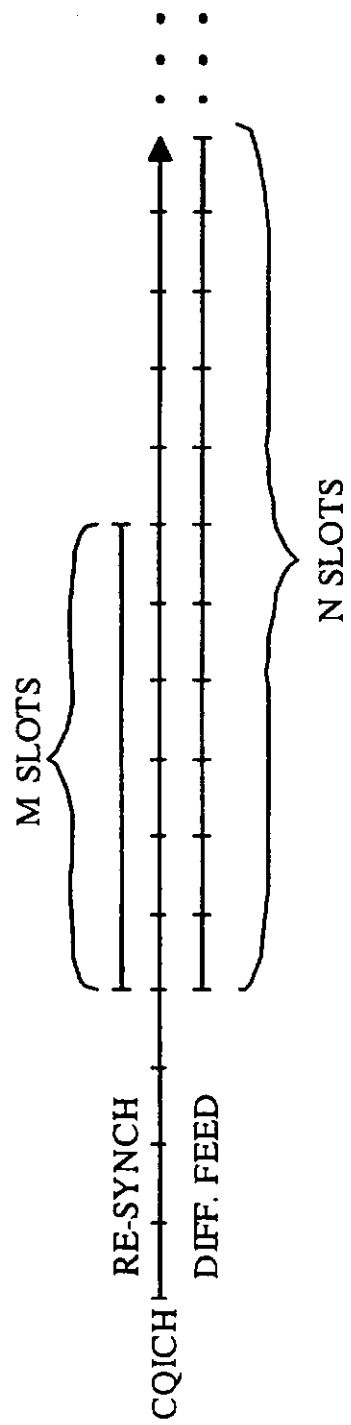
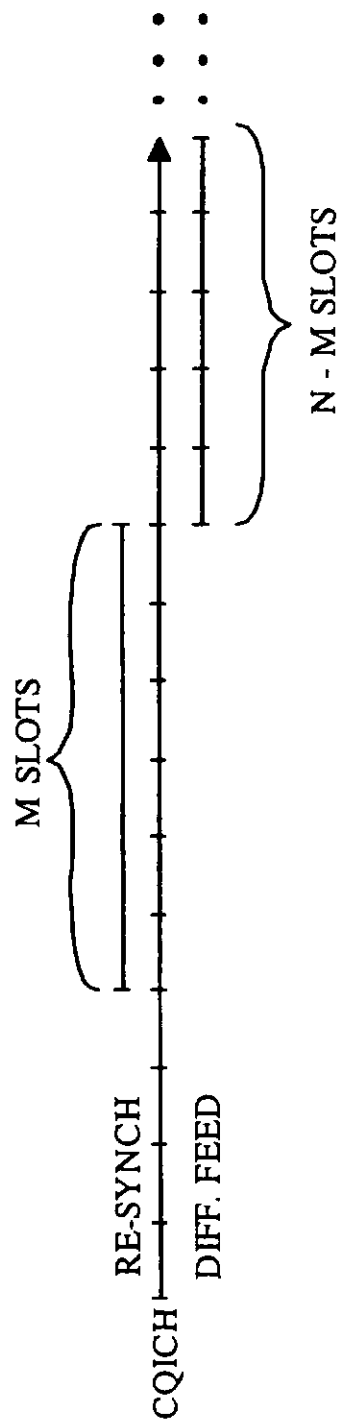


FIG. 2C



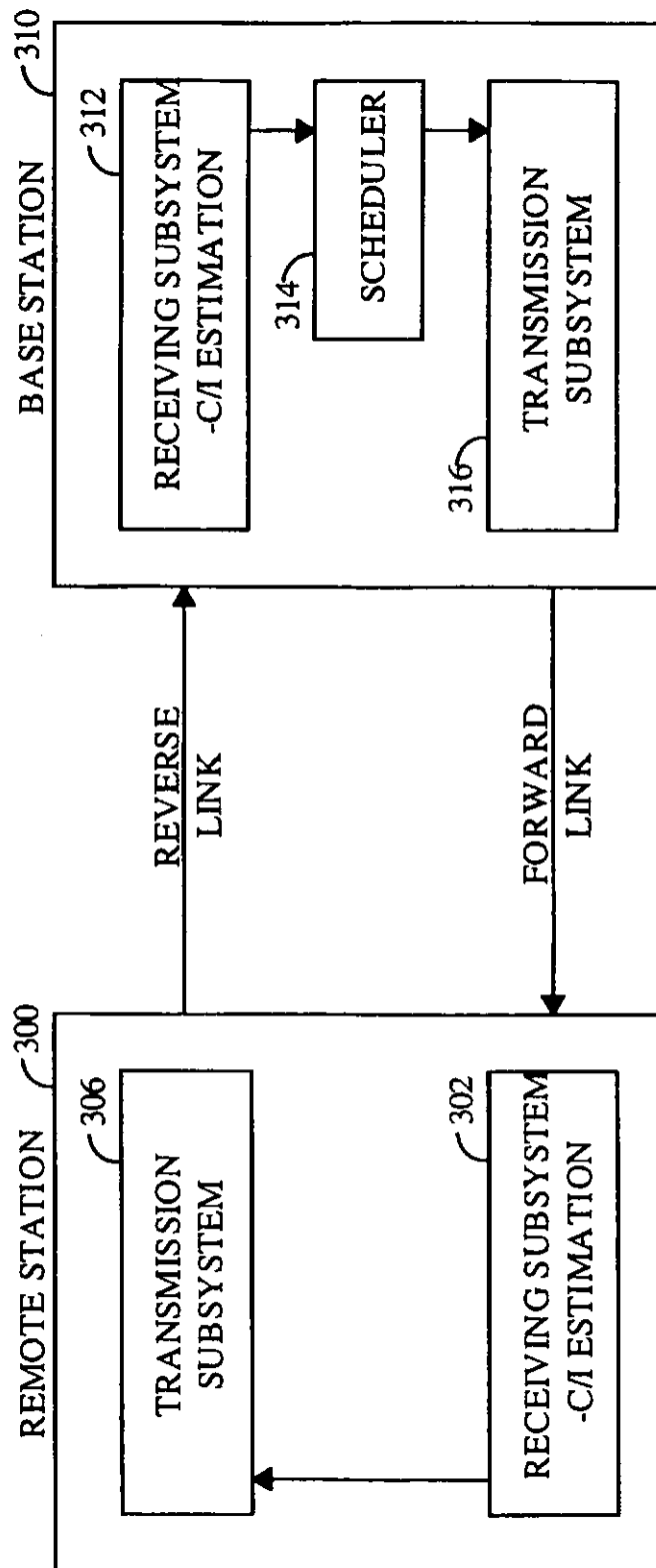
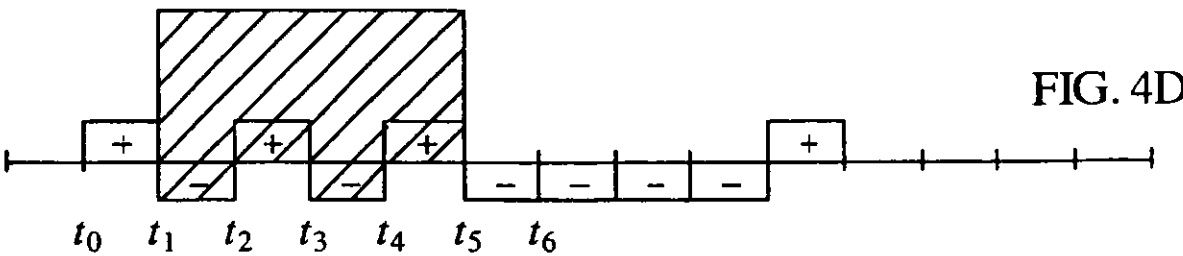
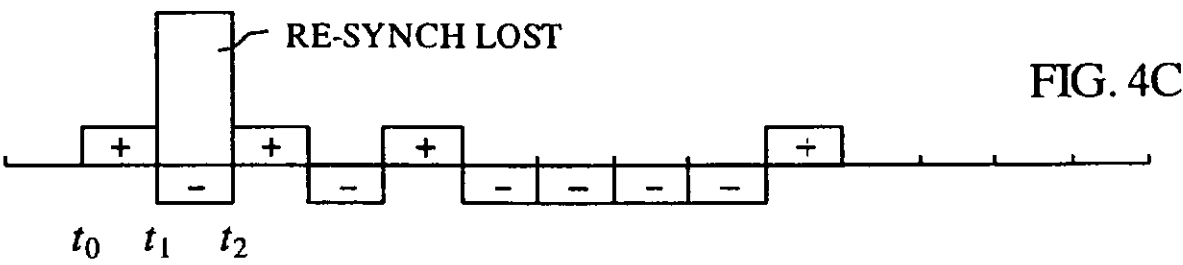
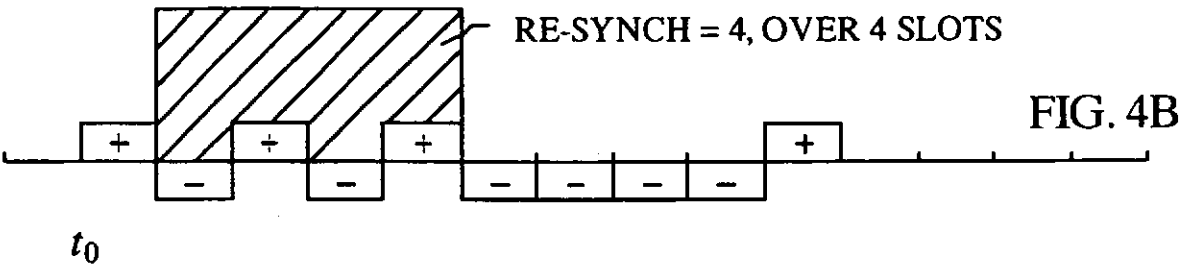
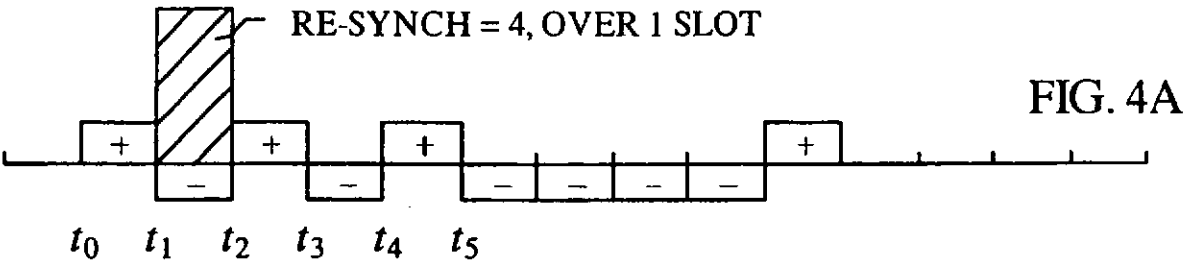


FIG. 3

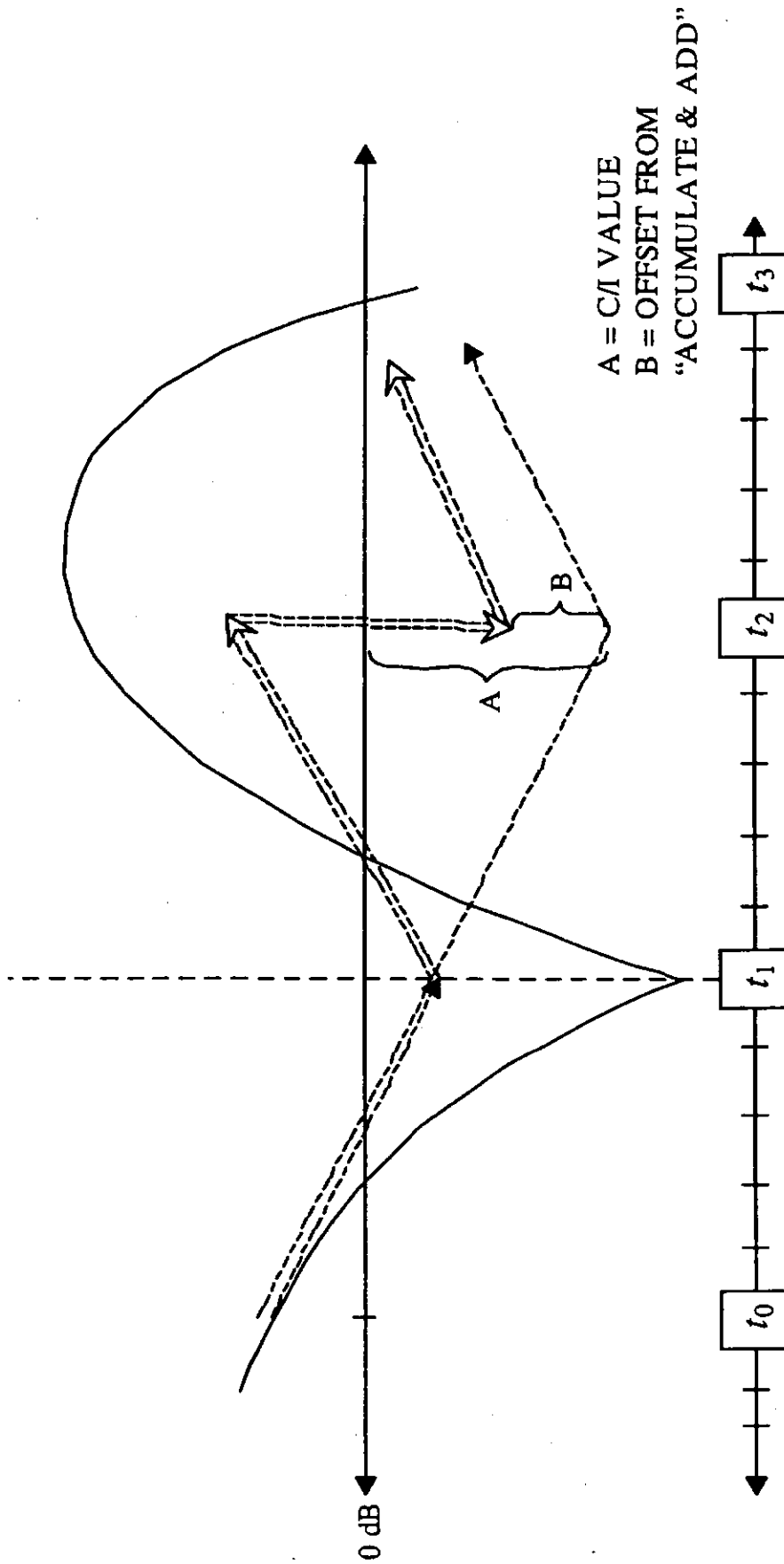


AT t_0 , REGISTER CONTENTS = 10dB
+, - $\rightarrow$ INCREMENTAL BEATS

	4A	4B	4C		4D	
$t_0 - t_1$	10	10	10	11	10	11
$t_1 - t_2$	11	11				
$t_2 - t_3$	4	11	4	10	10	10
$t_3 - t_4$	5	11			11	11
$t_4 - t_5$	4	11	4	10	10	10
$t_5 - t_6$	5	4	5	11	4	5*
$t_6 - t_7$	4	3	4	10	3	4

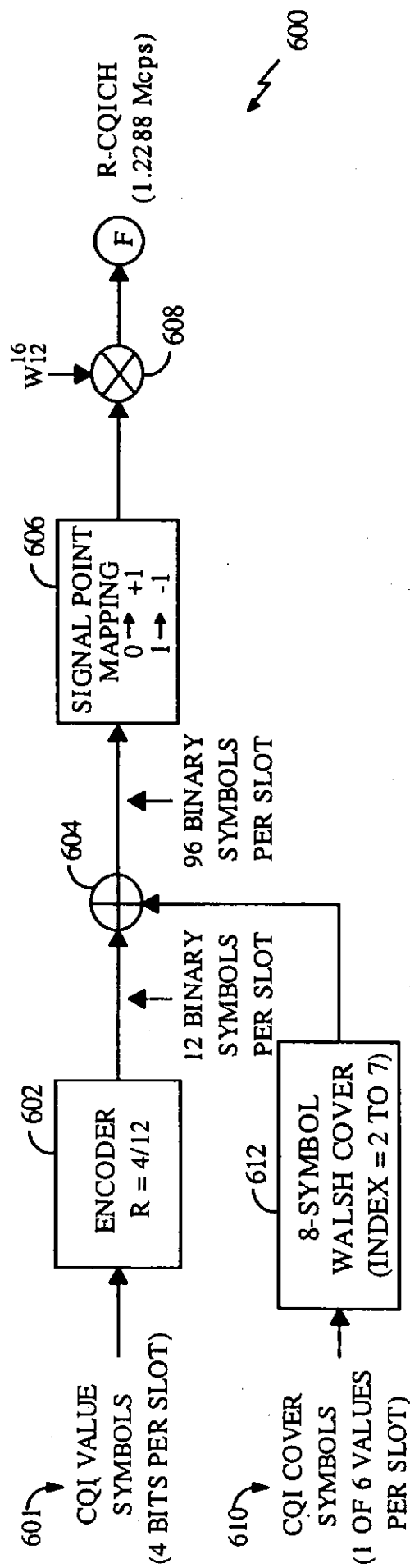
*NOTE THAT t_7 PARALLEL BEAT IS
DISCARDED FOR "ACCUMULATE & ADD

FIG. 4E



(NOT TO SCALE)

FIG. 5



7/9

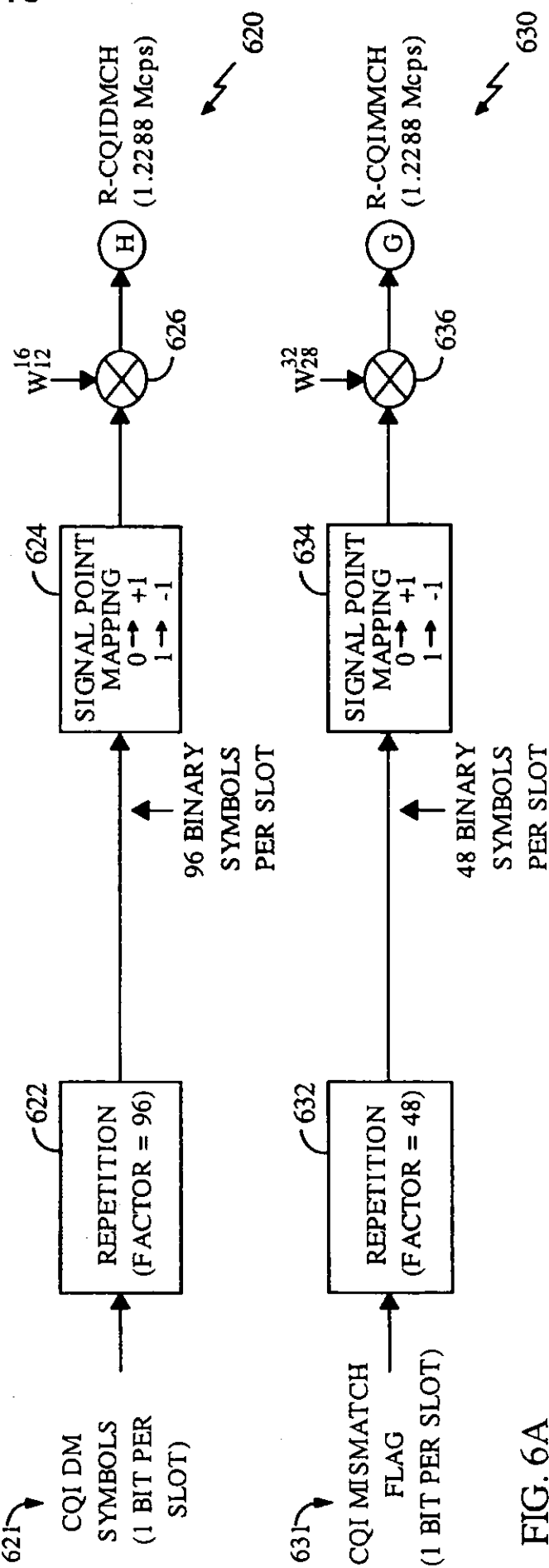


FIG. 6A

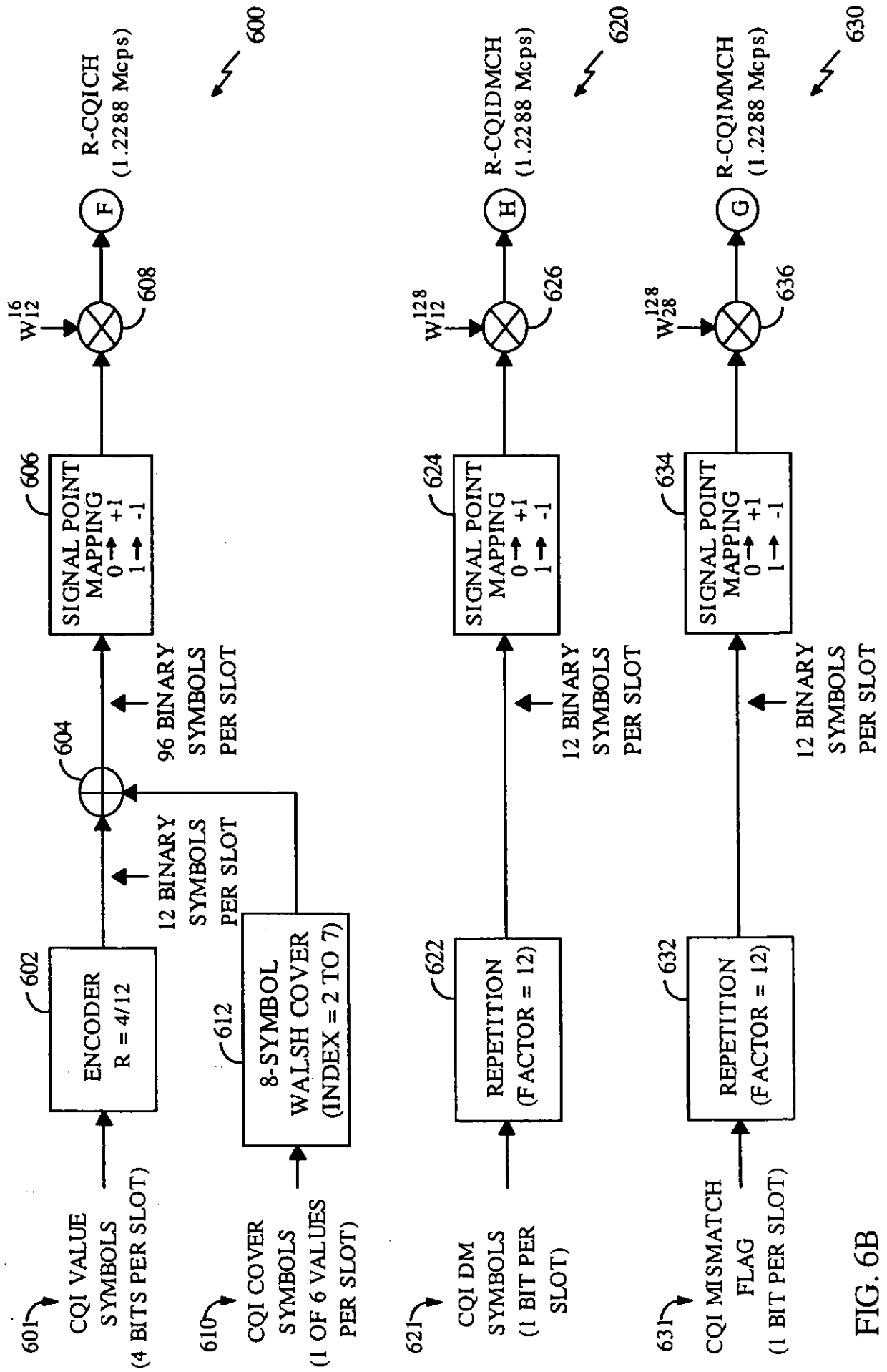


FIG. 6B

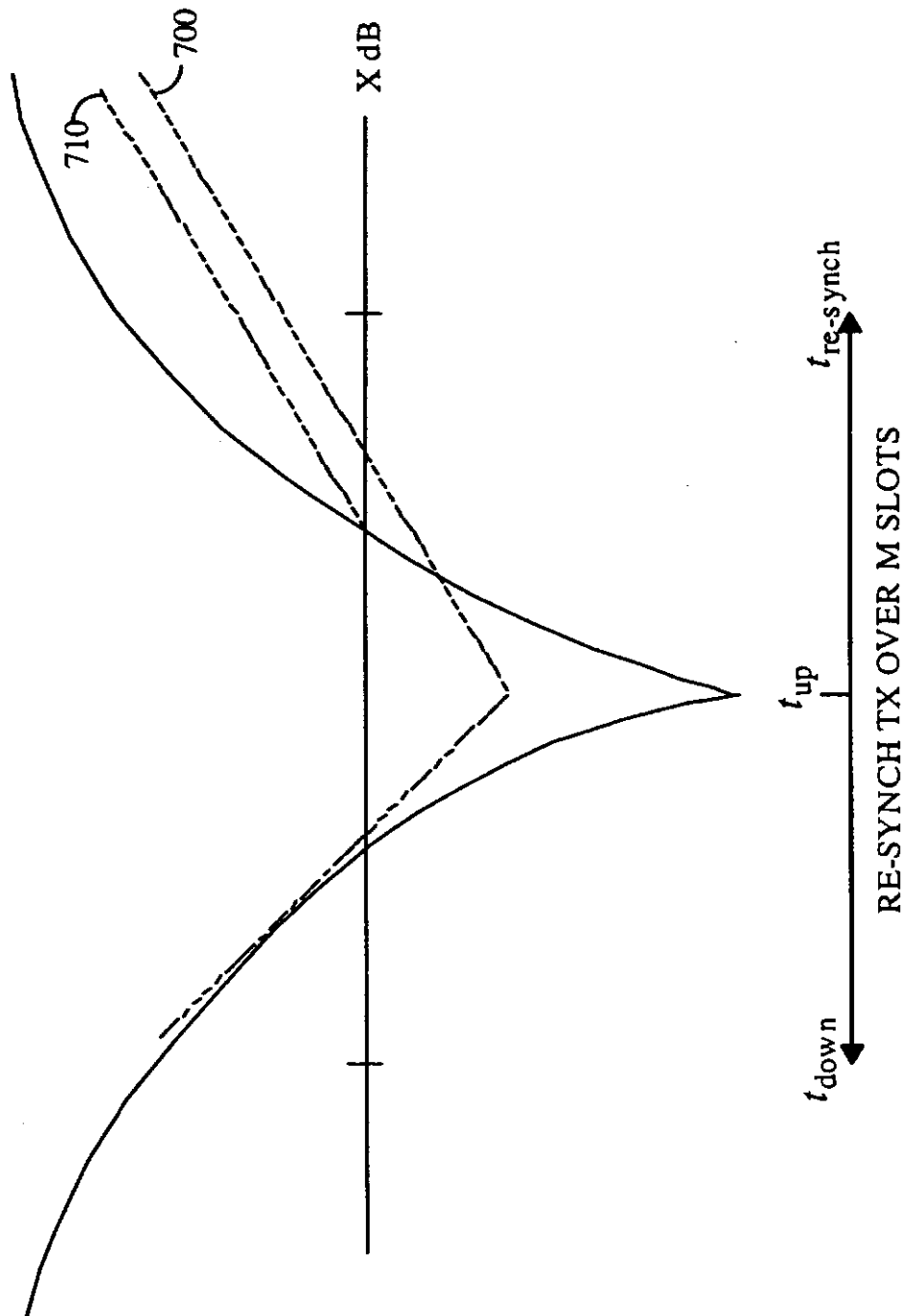


FIG. 7

(NOT TO SCALE)