

FIG. 1

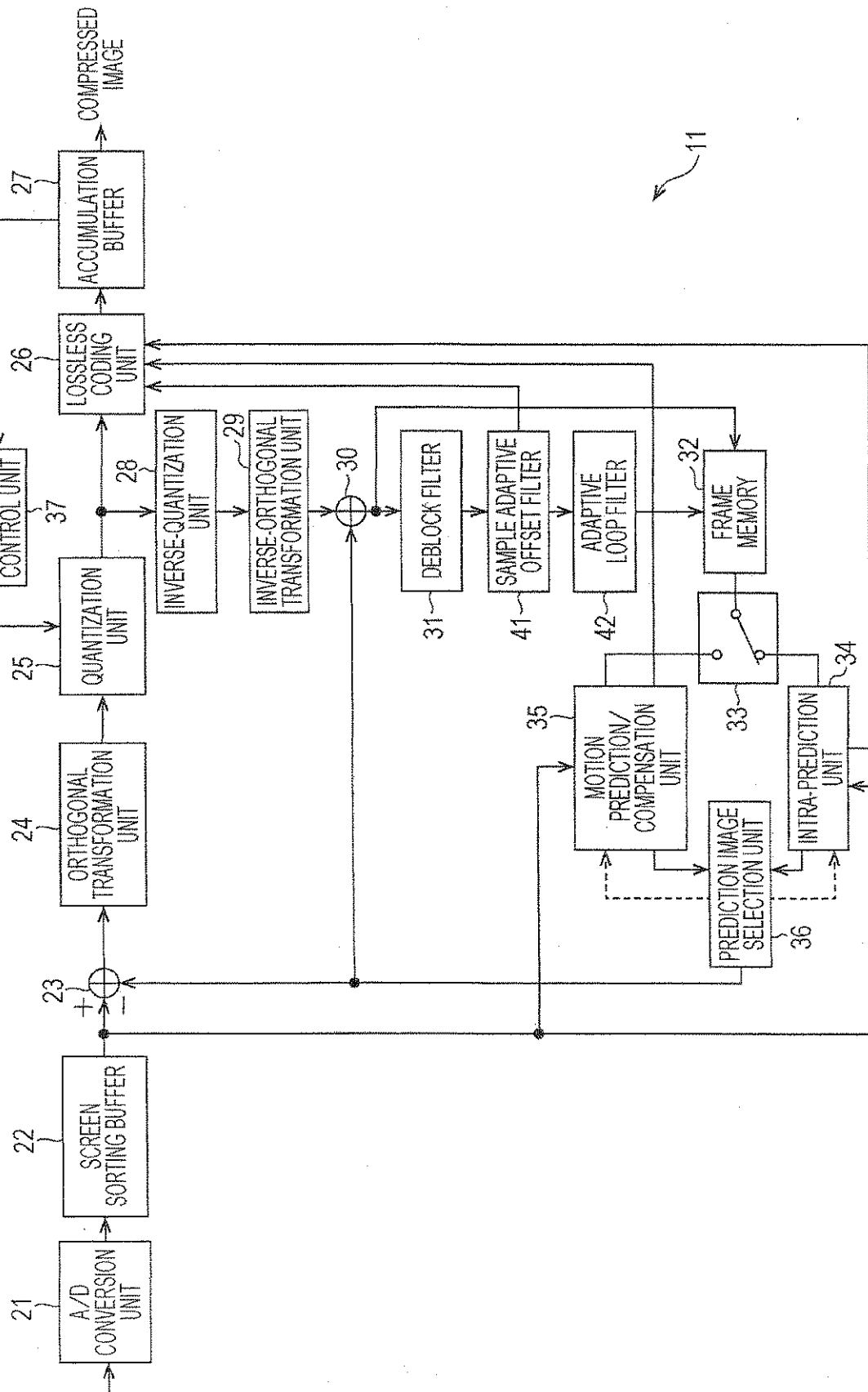


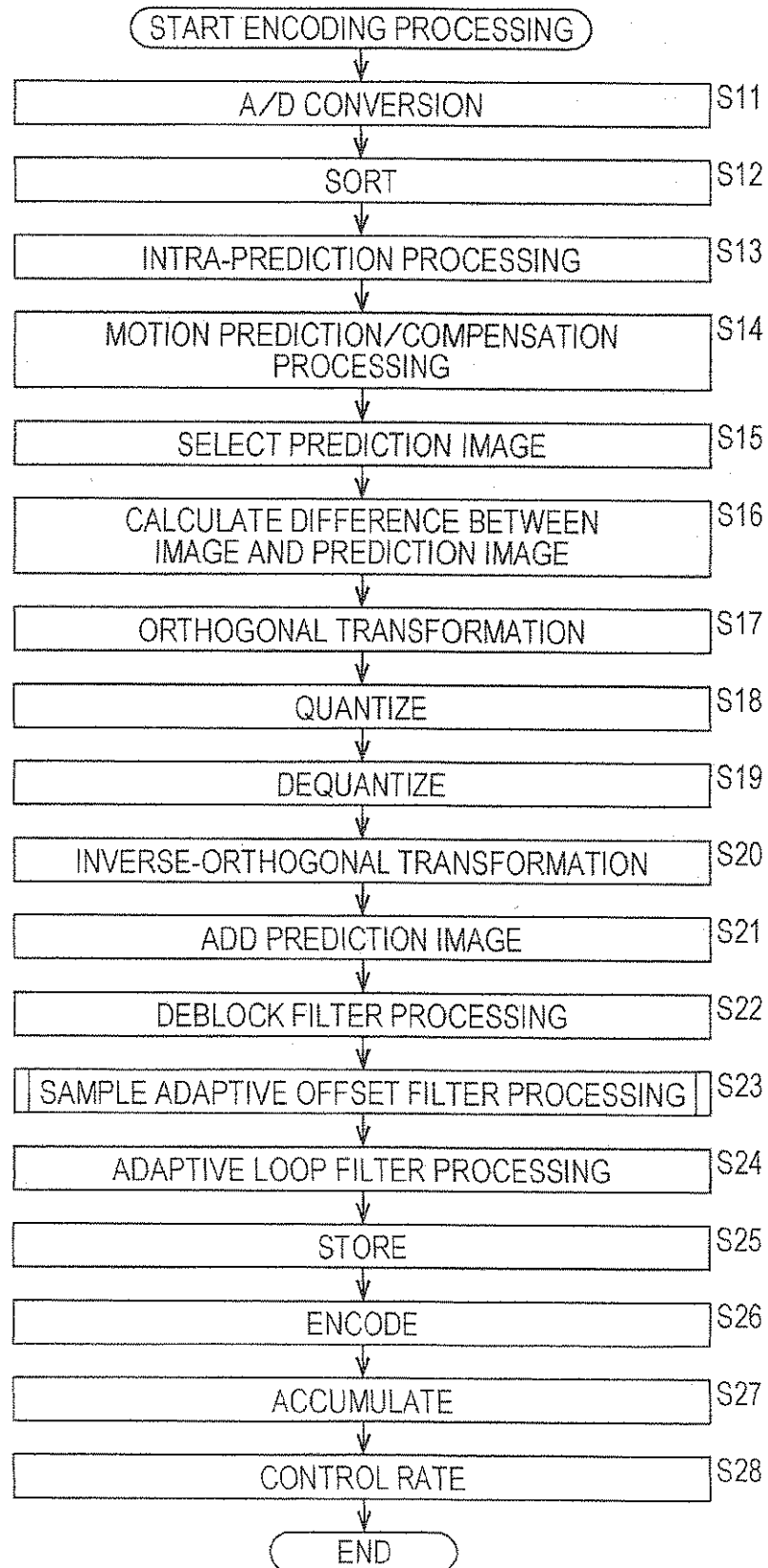
FIG. 2

FIG. 3

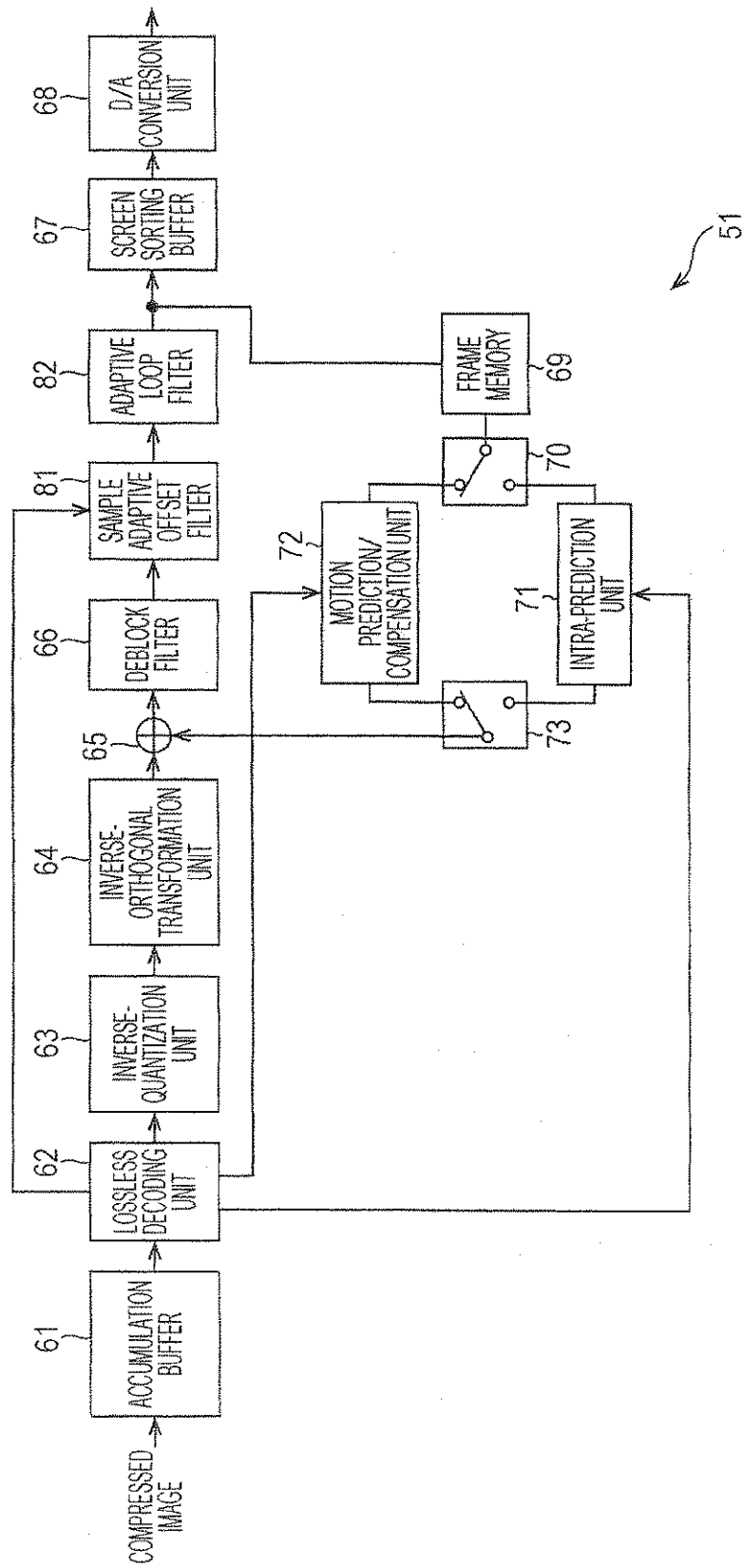


FIG. 4

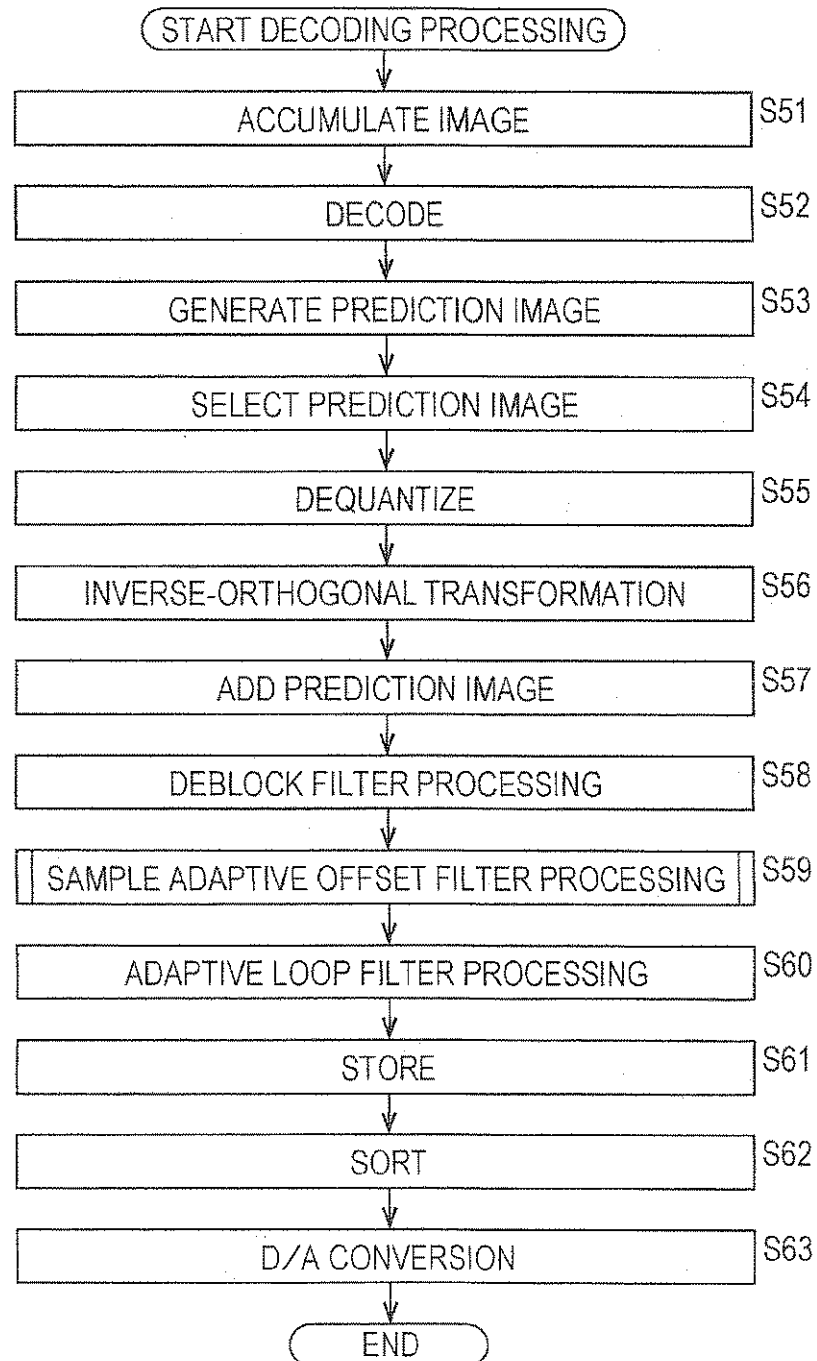


FIG. 5

	0																																	max
normal																																		
		second group																first group								second group								
	0																																	max
broadcast legal	X X																																	X X
		second group																first group								second group								

FIG. 6

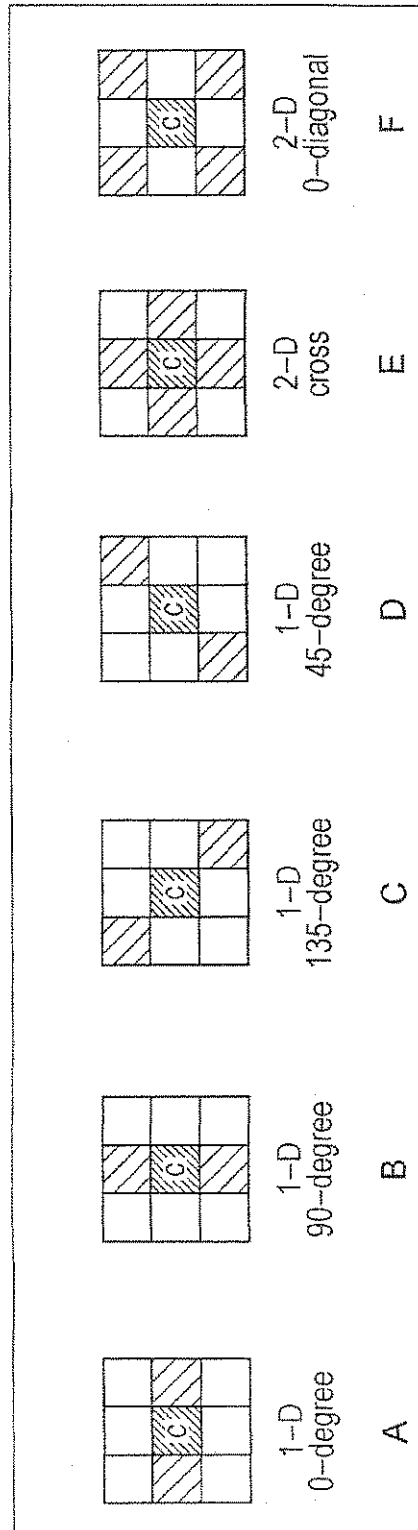


FIG. 7

Category	Condition	Category	Condition
1	C < 2 neighboring pixels	1	C < 4 neighbors
2	C < 1 neighbor && c == 1 neighbor	2	C < 3 neighbors && C = 4 th neighbor
3	C > 1 neighbor && c == 1 neighbor	3	C < 3 neighbors && C > 4 th neighbor
4	C > 2 neighbors	4	C > 3 neighbors && C < 4 th neighbor
0	None of the above	5	C > 3 neighbors && C = 4 th neighbor
		6	C > 4 neighbors
		0	None of the above

A Classification rule for 1-D patterns

B Classification rule for 2-D patterns

FIG. 8

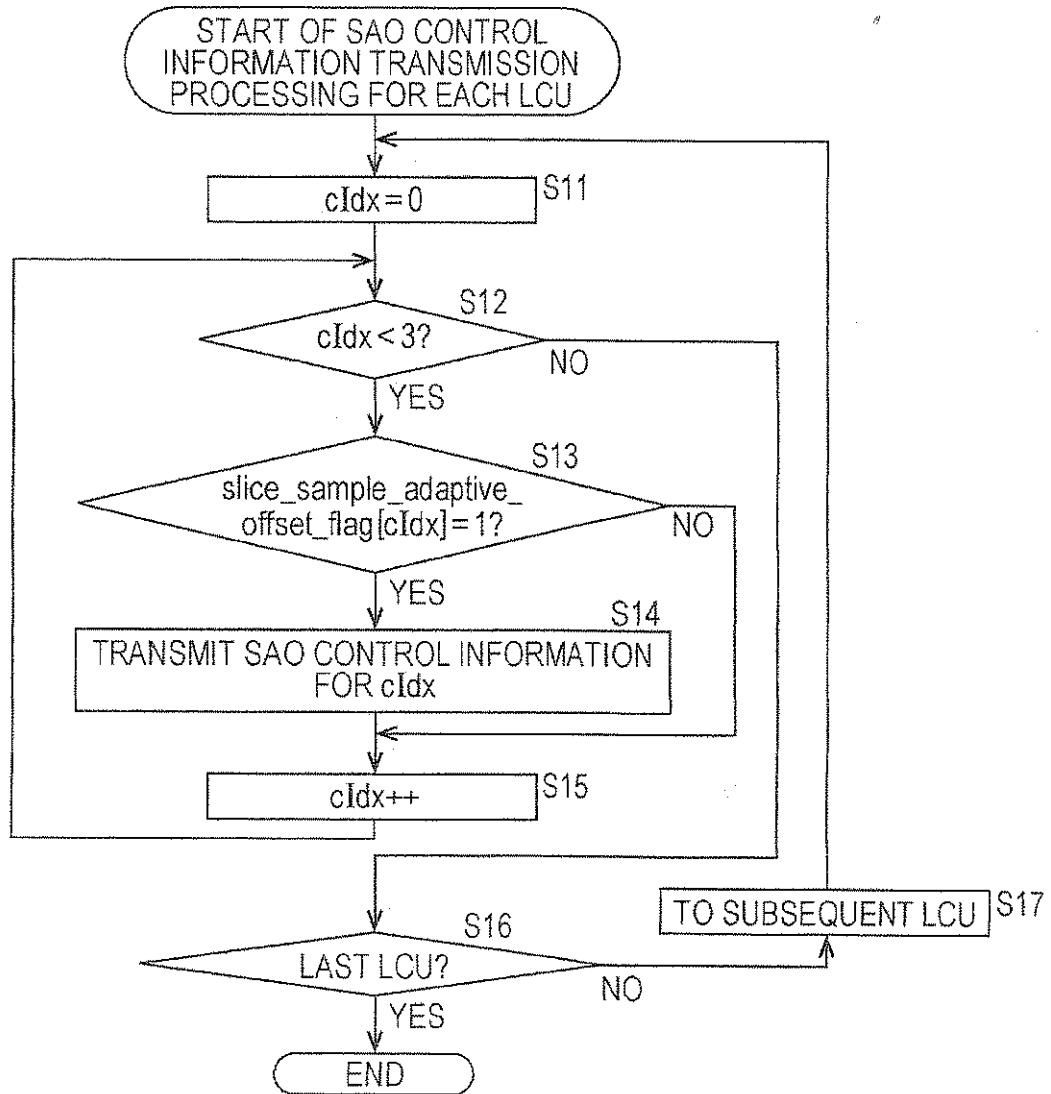


FIG. 9

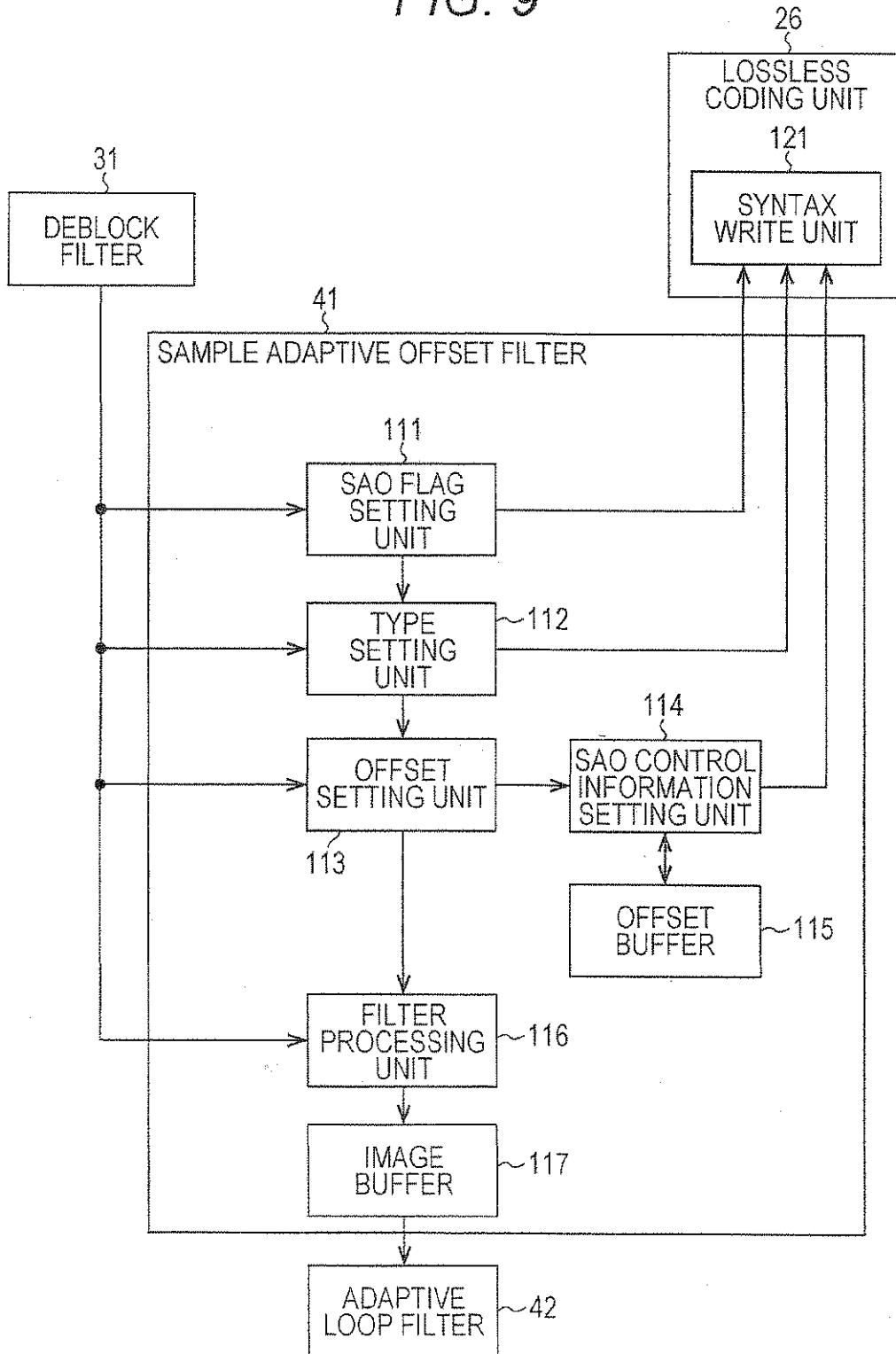


FIG. 10

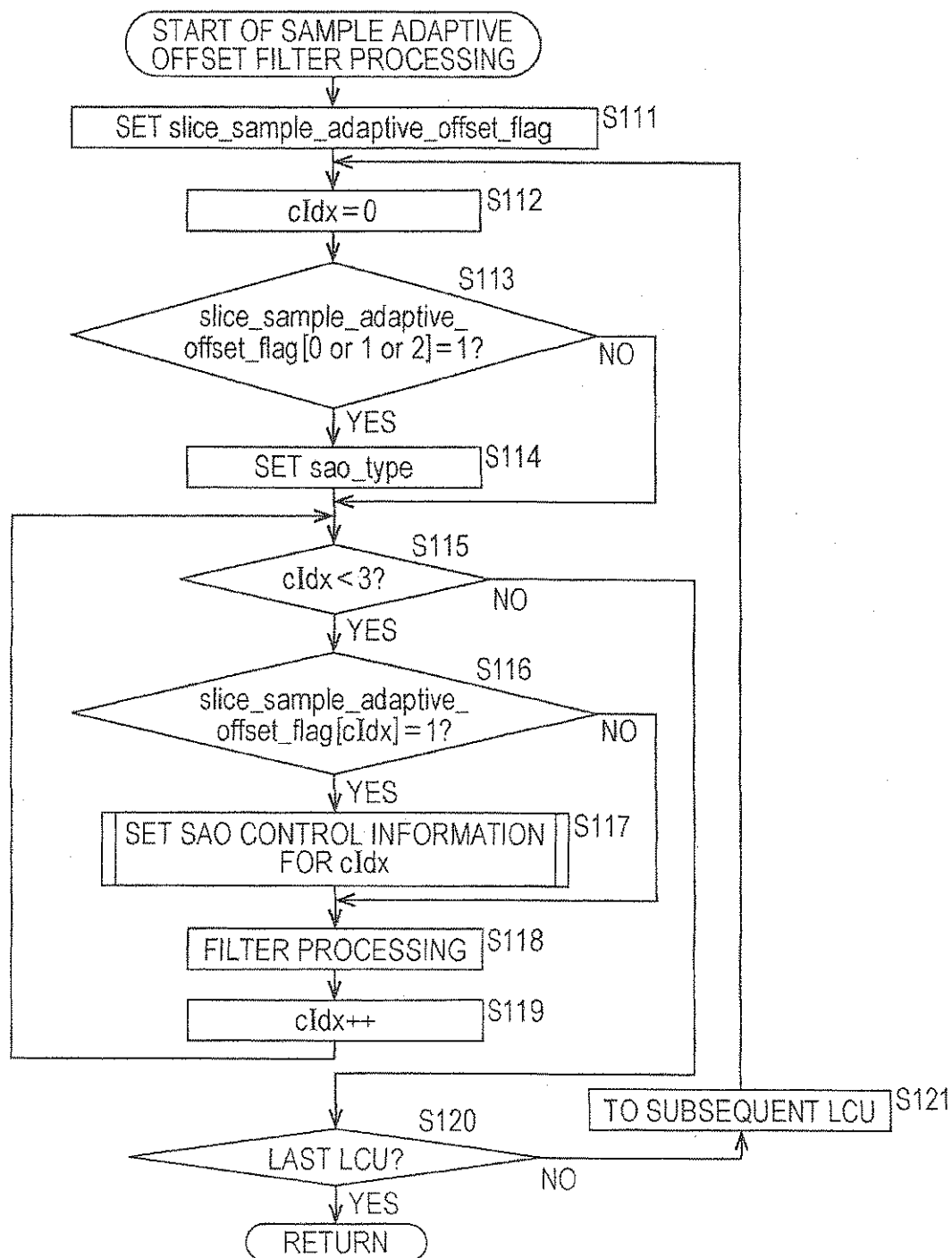


FIG. 11

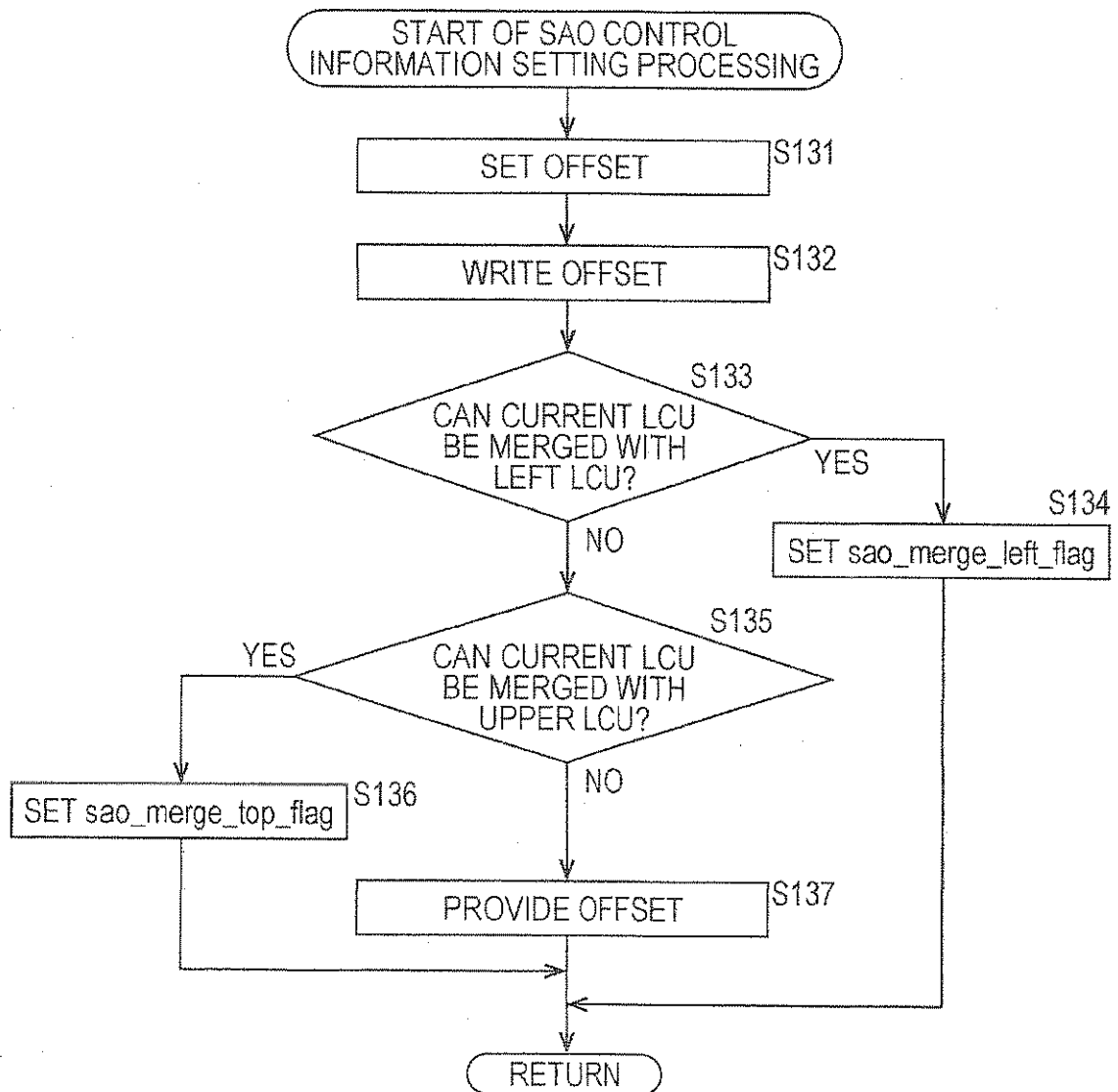


FIG. 12

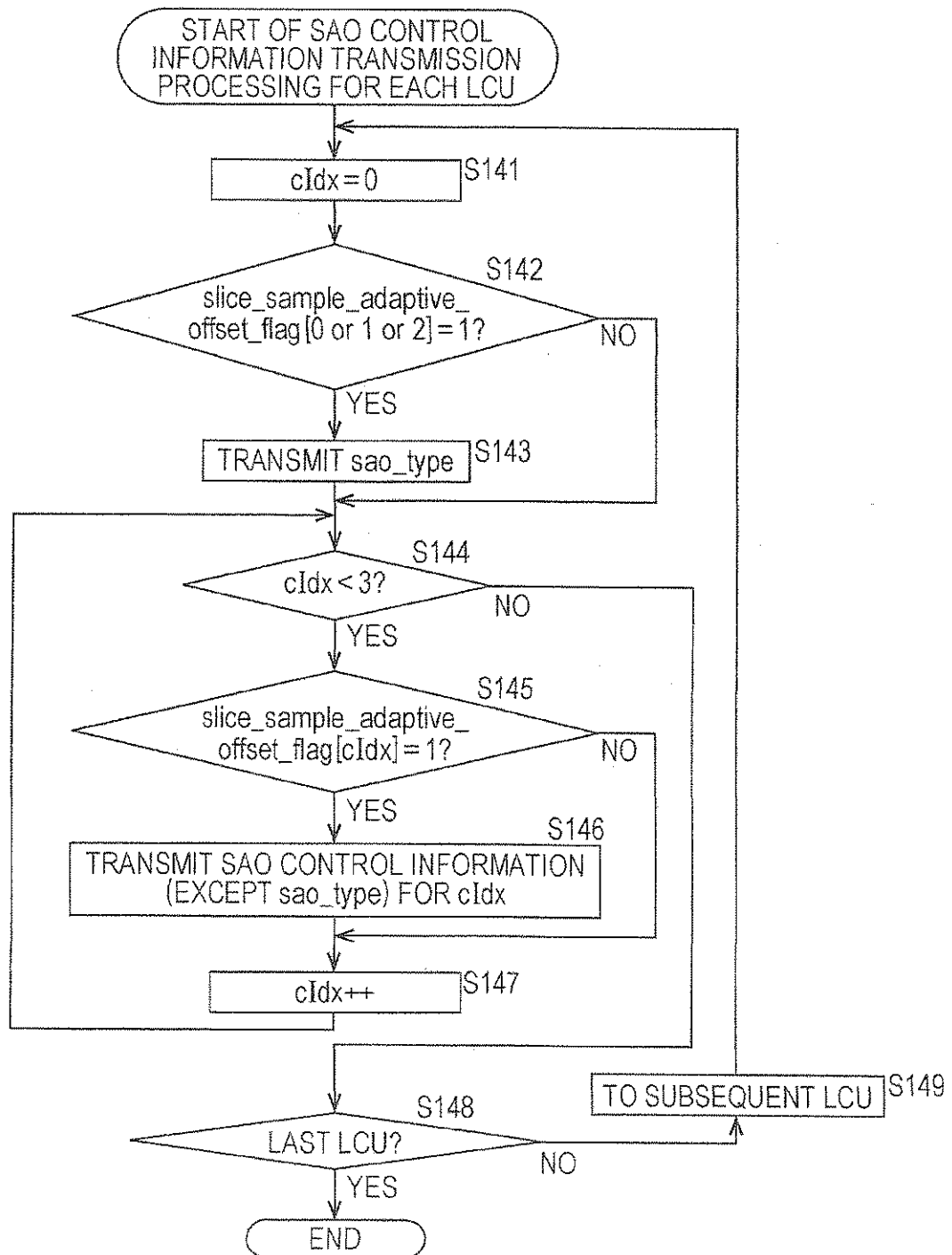


FIG. 13

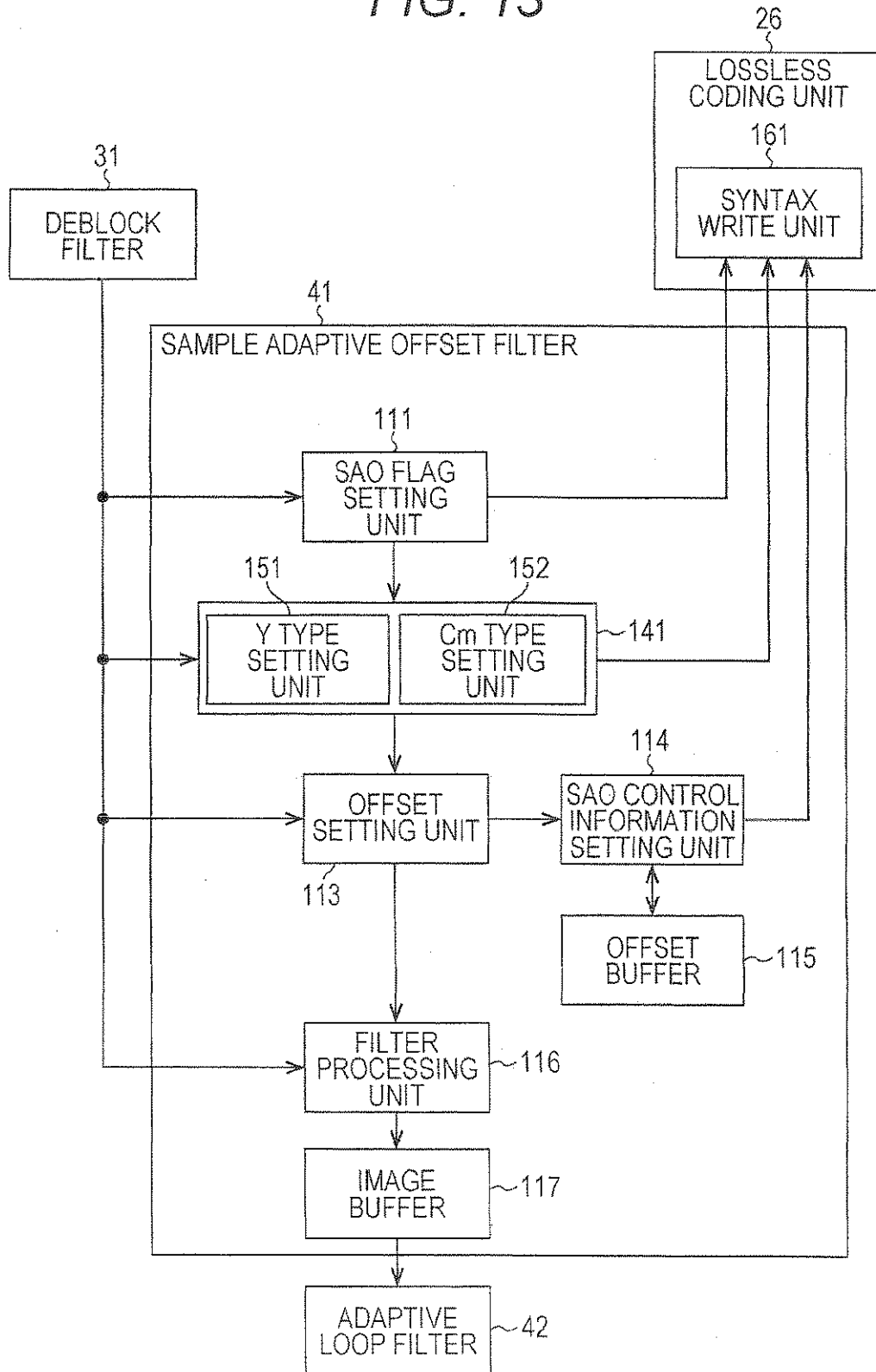


FIG. 14

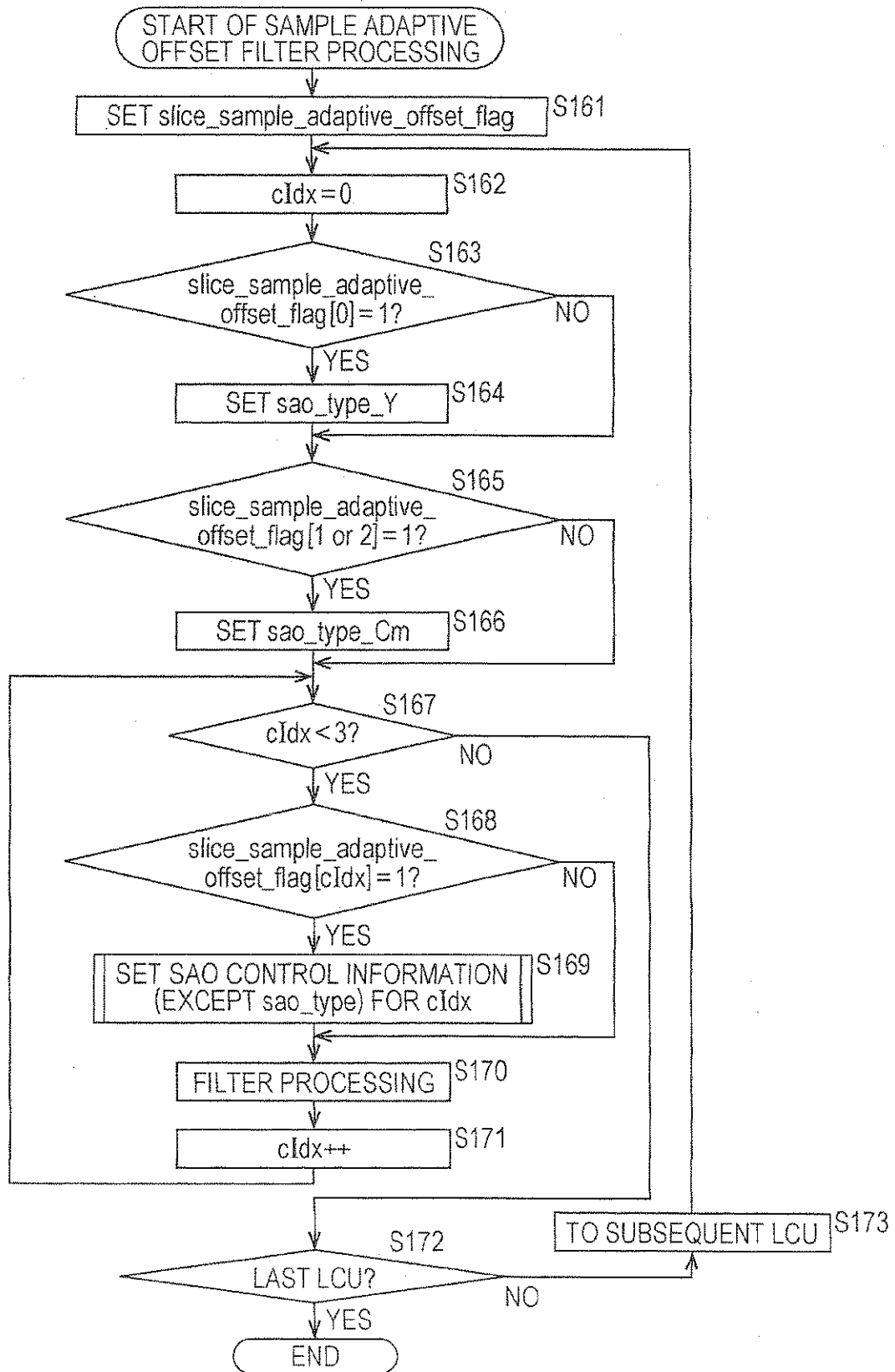


FIG. 15

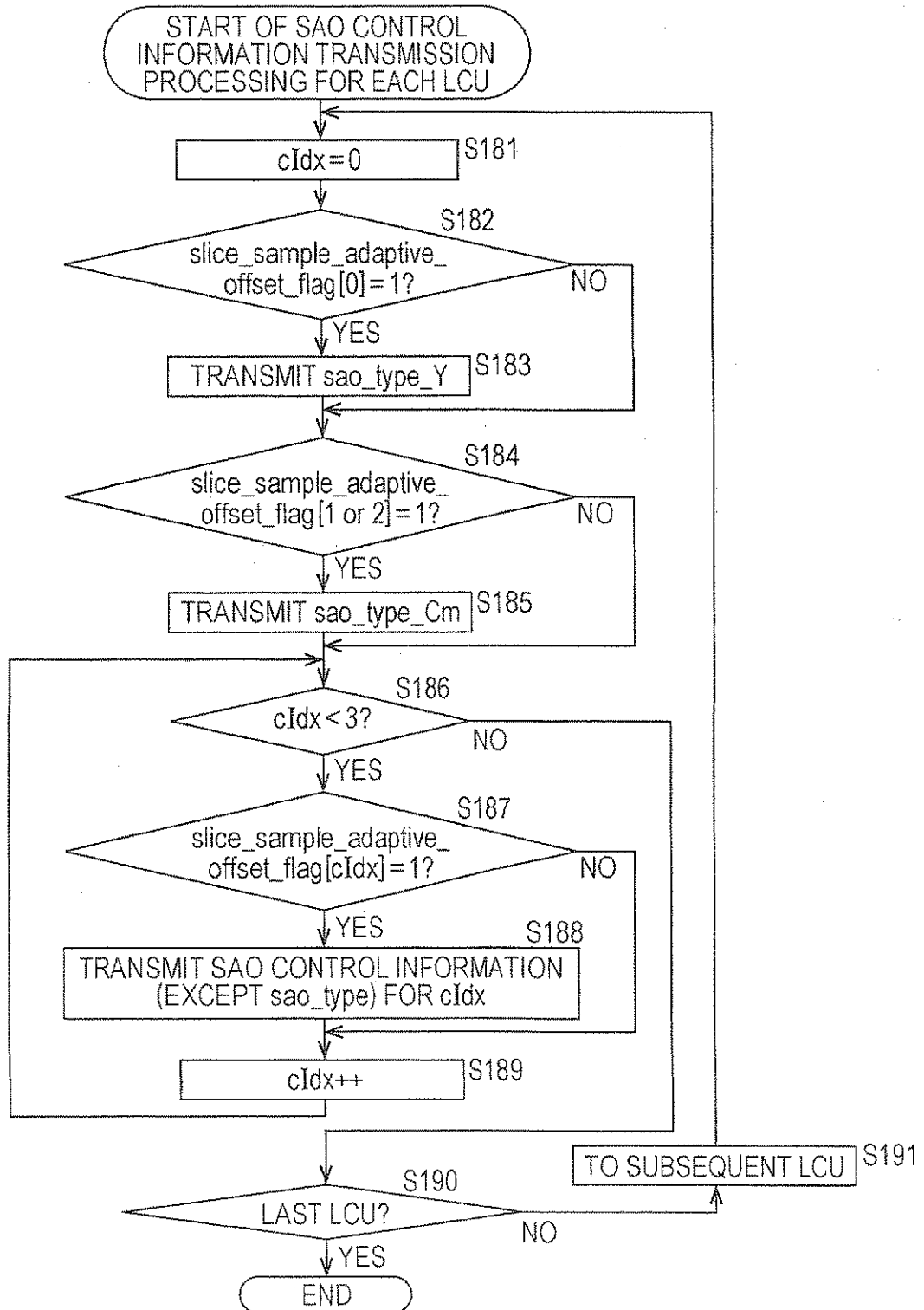


FIG. 16

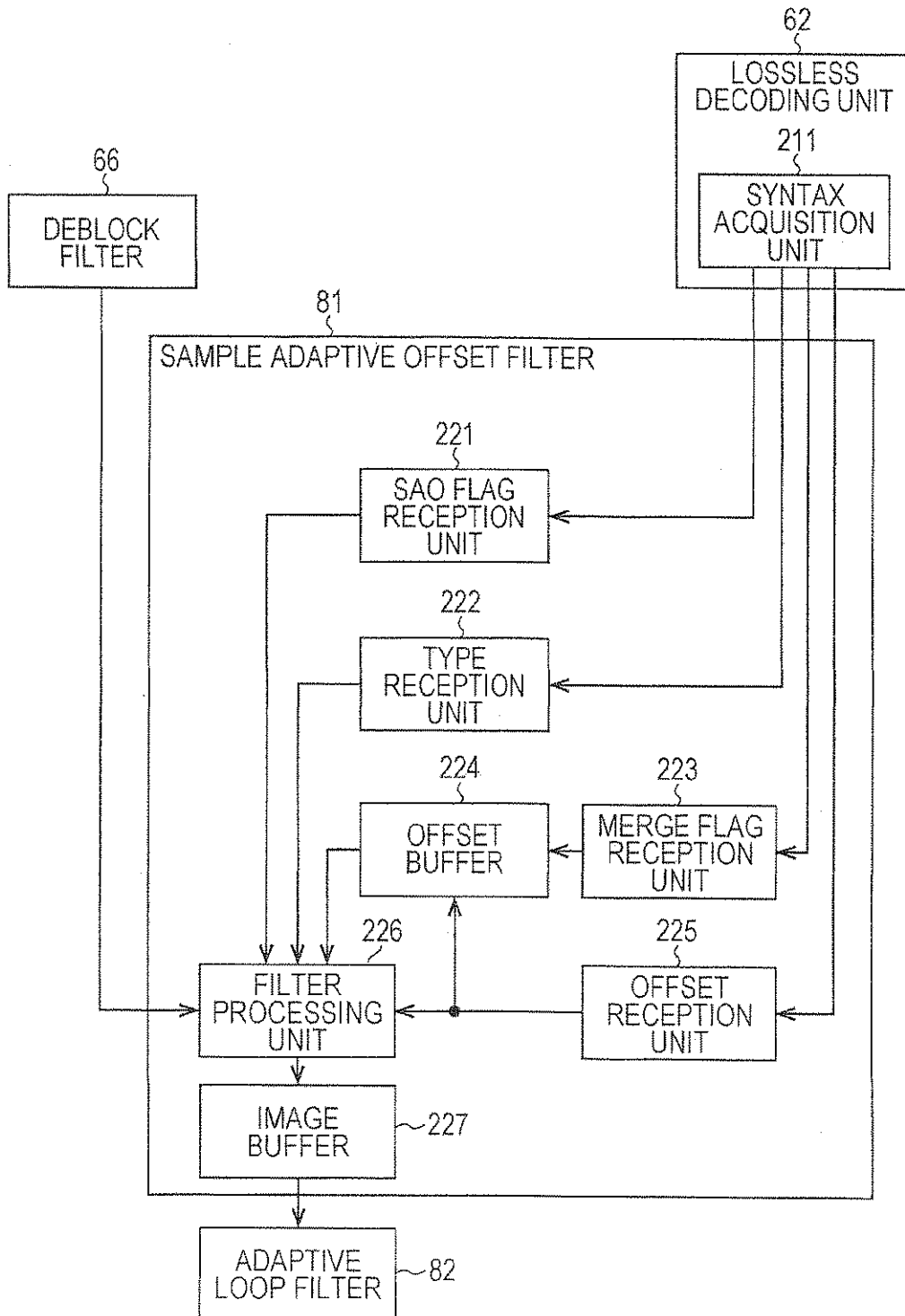


FIG. 17

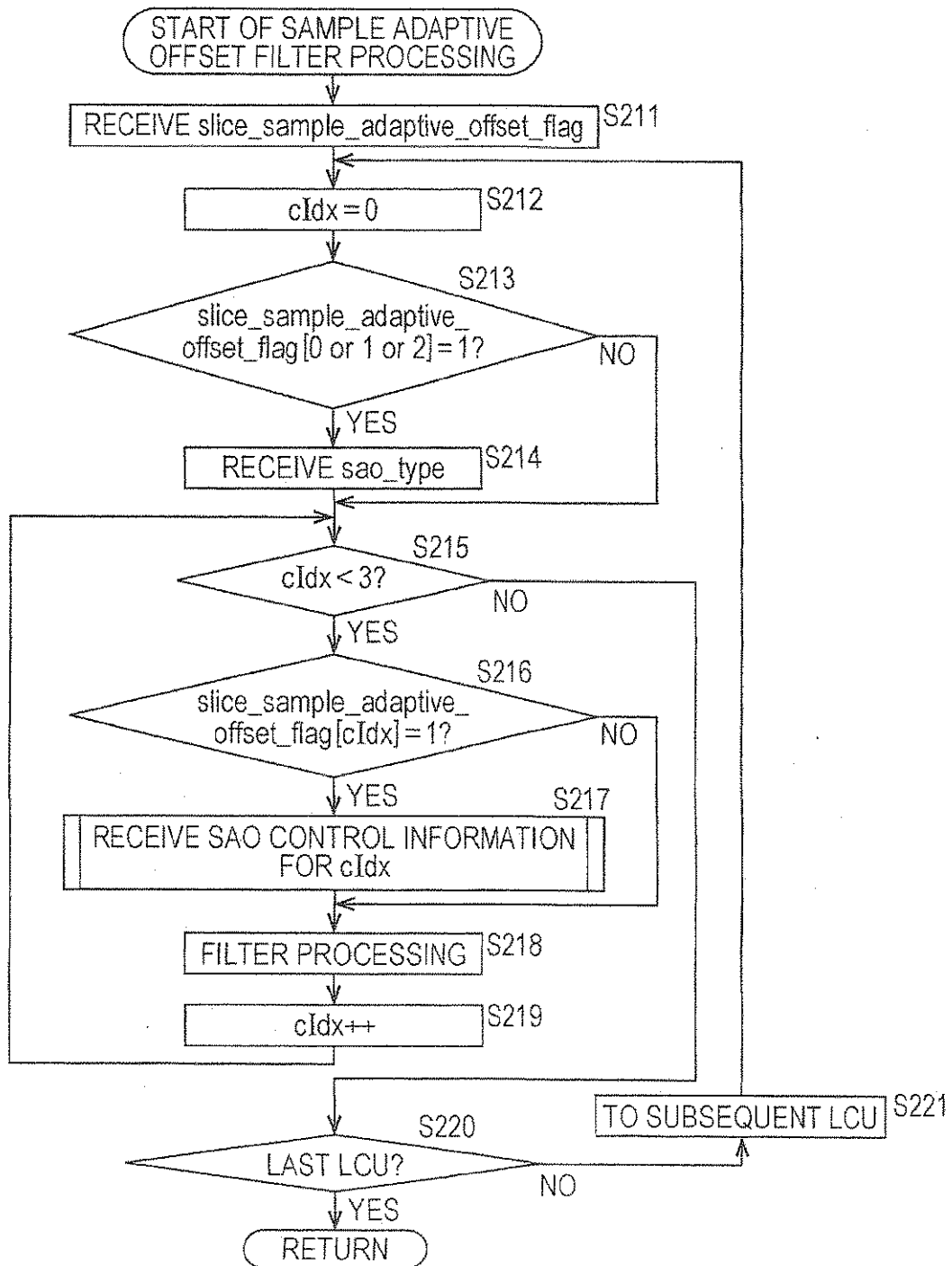


FIG. 18

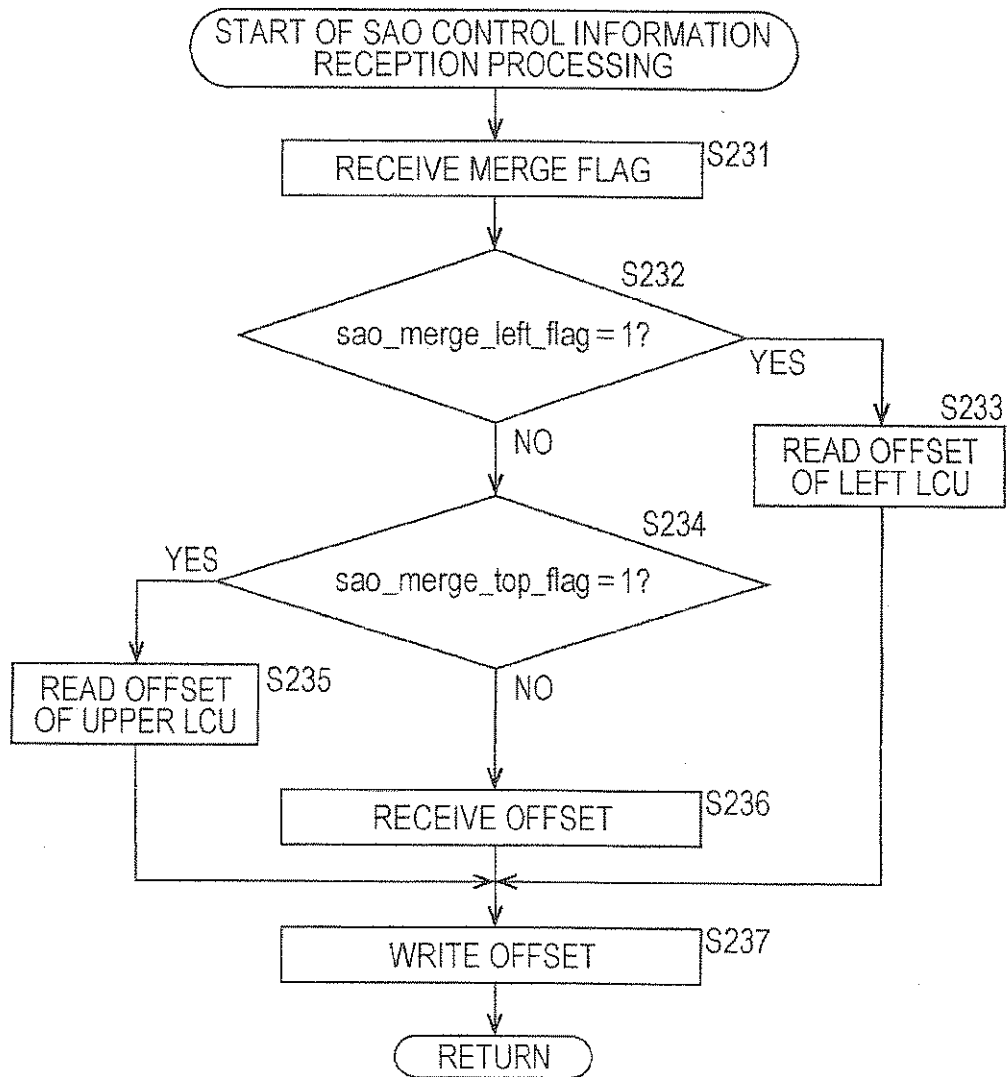


FIG. 19

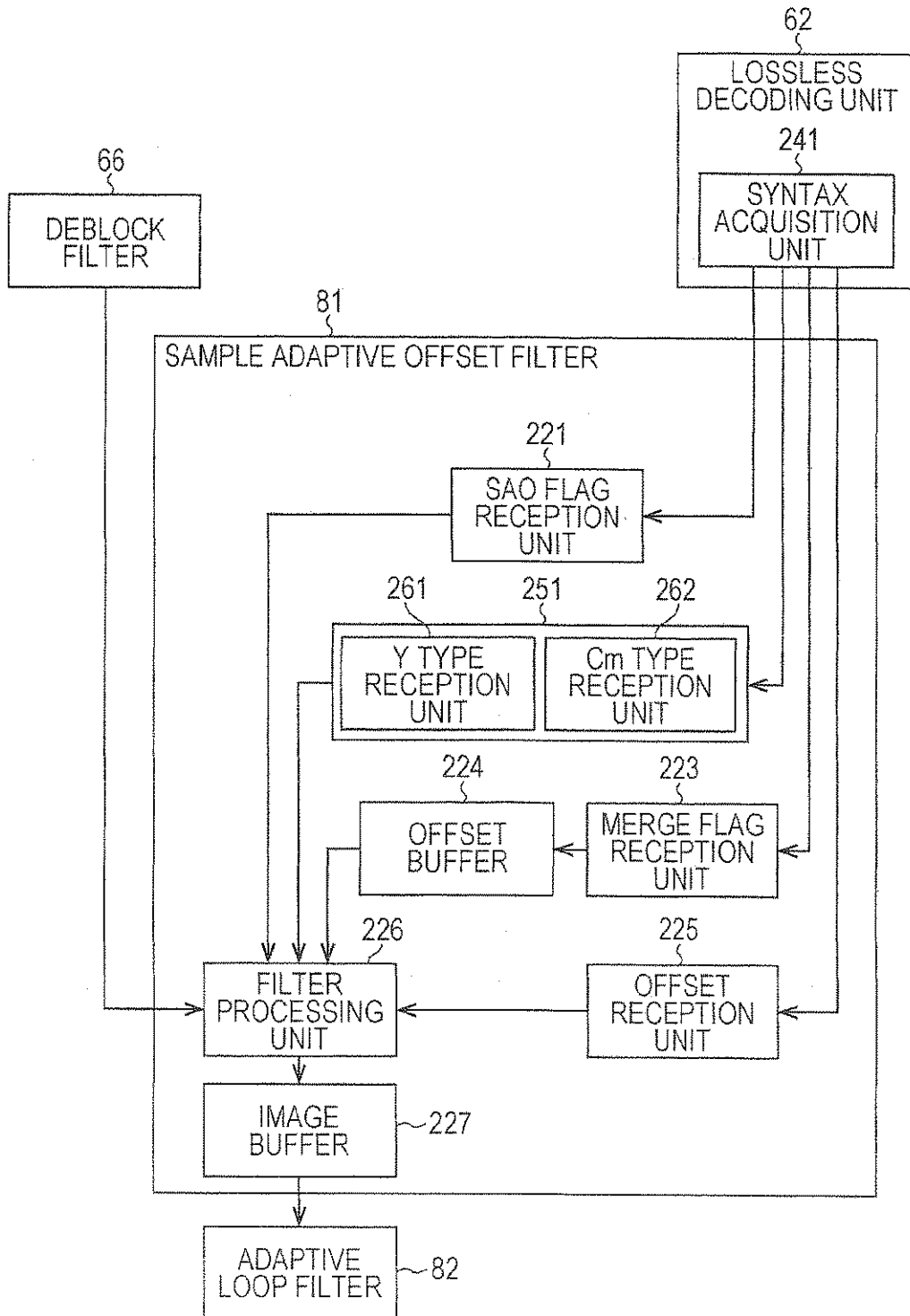


FIG. 20

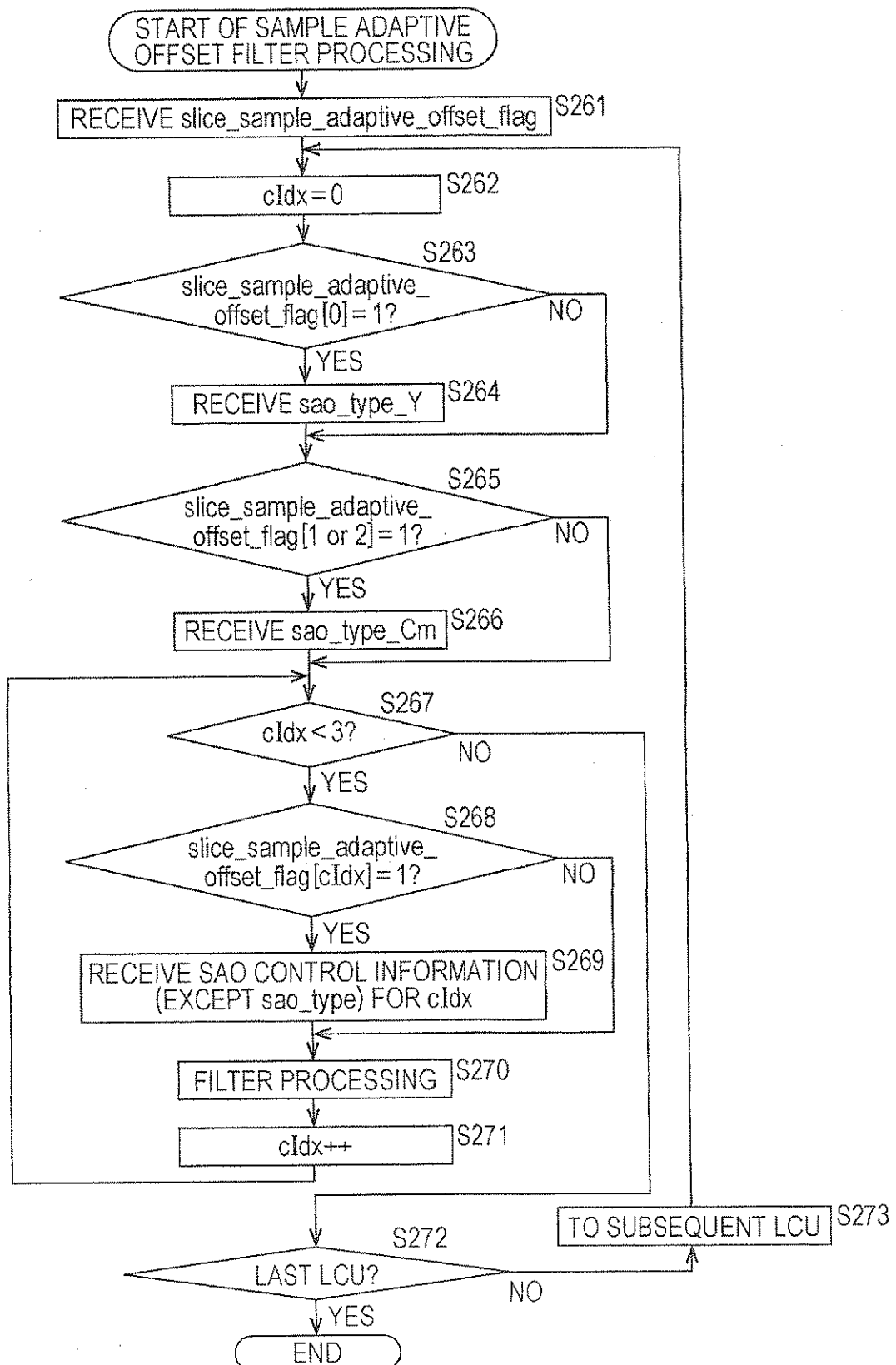


FIG. 21

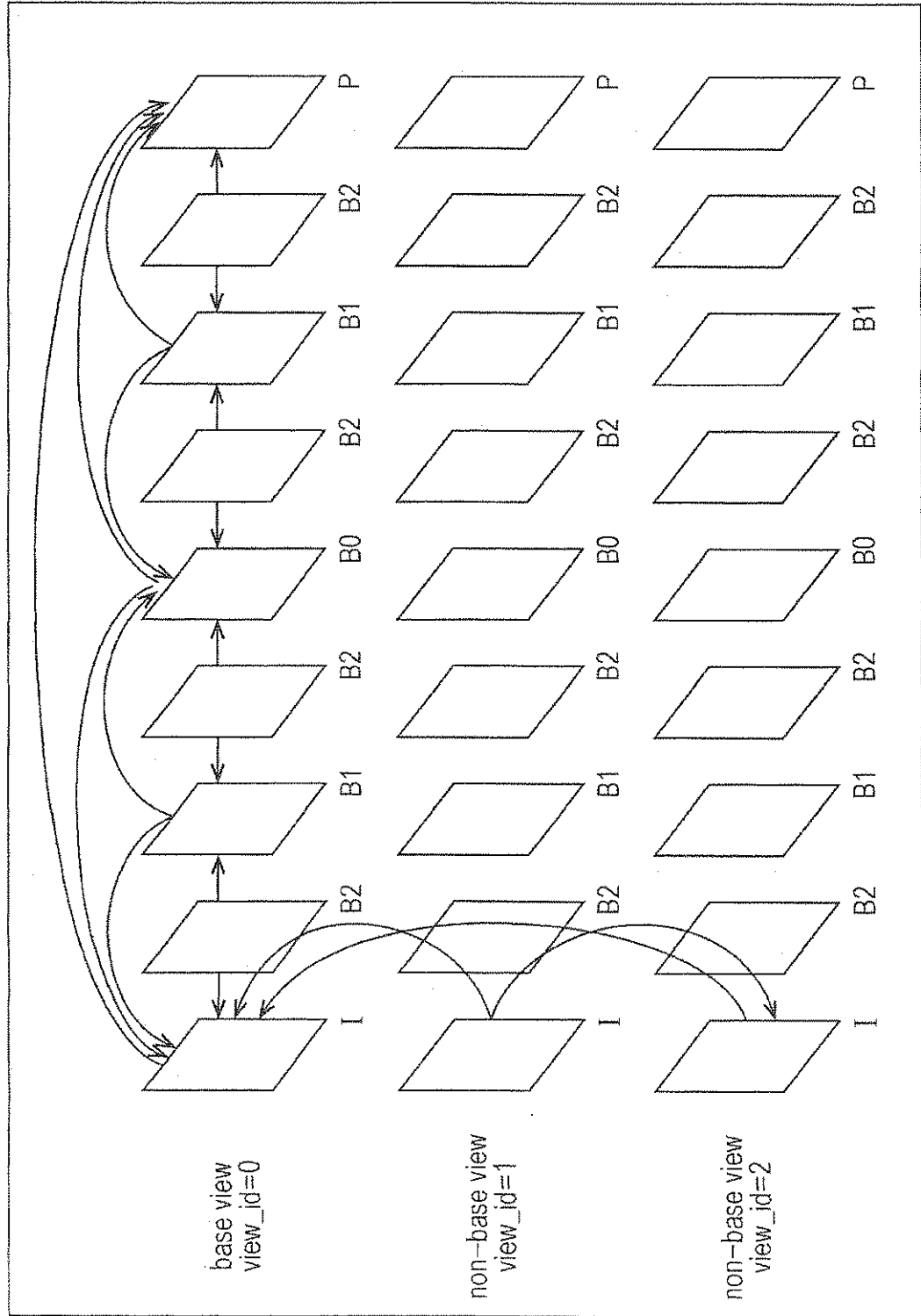


FIG. 22

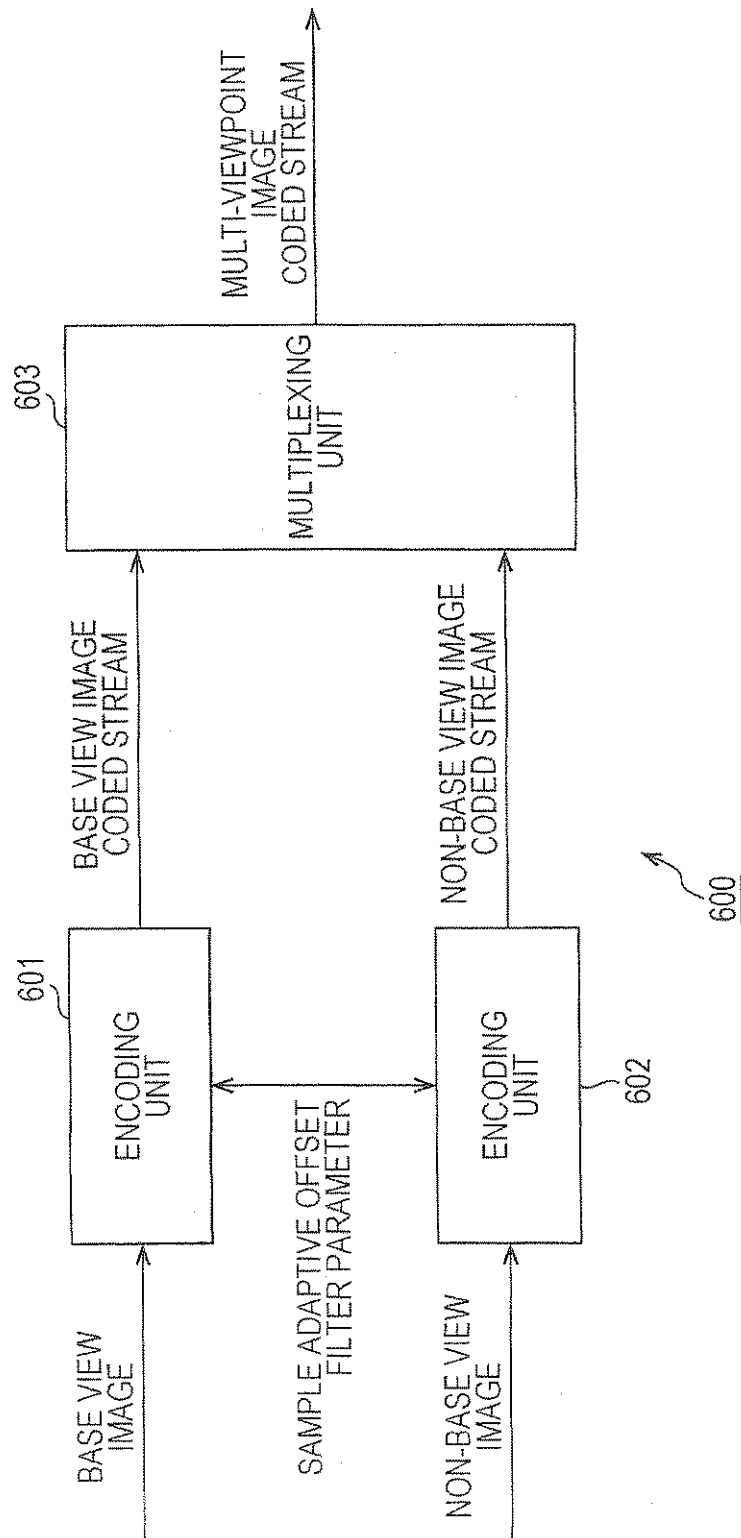


FIG. 23

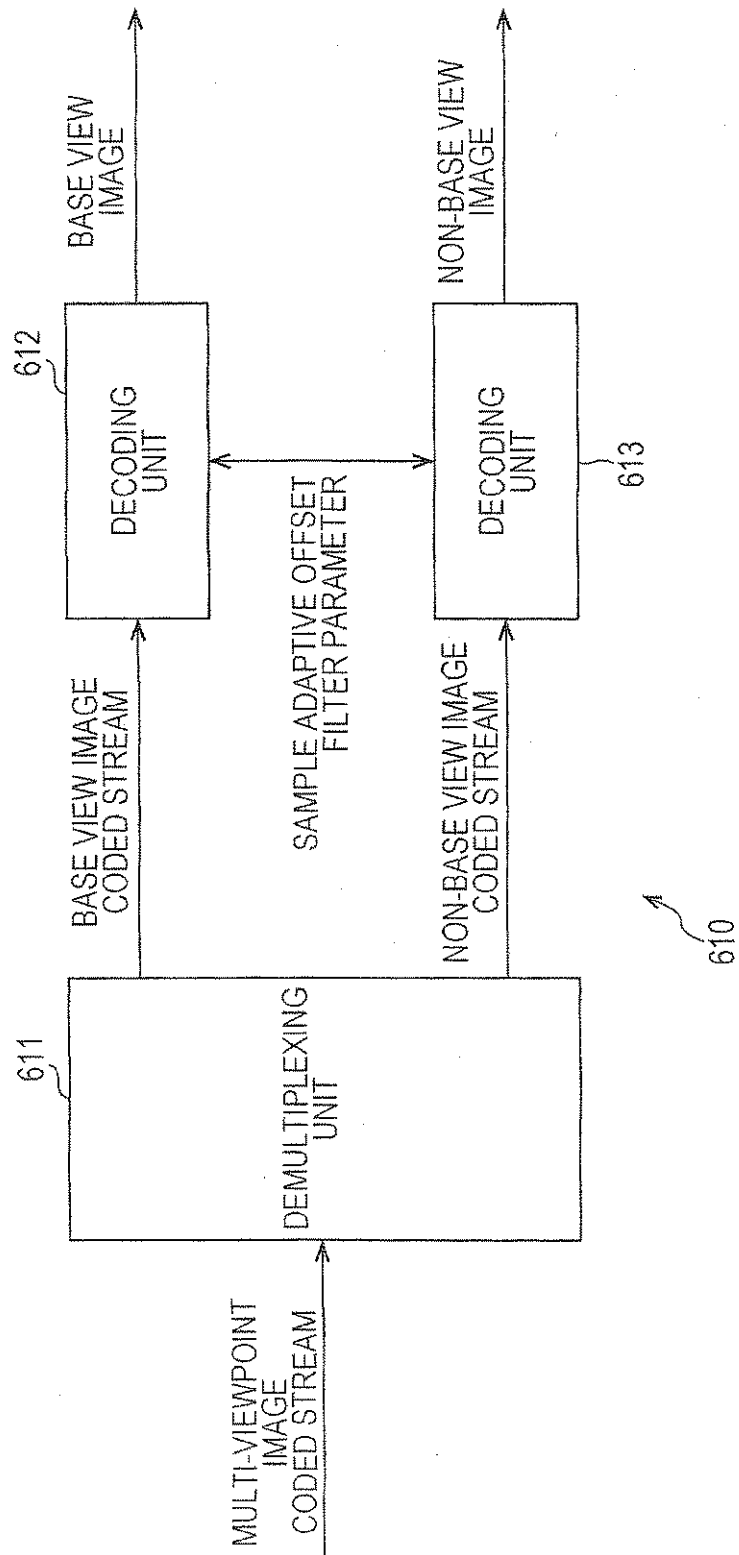


FIG. 24

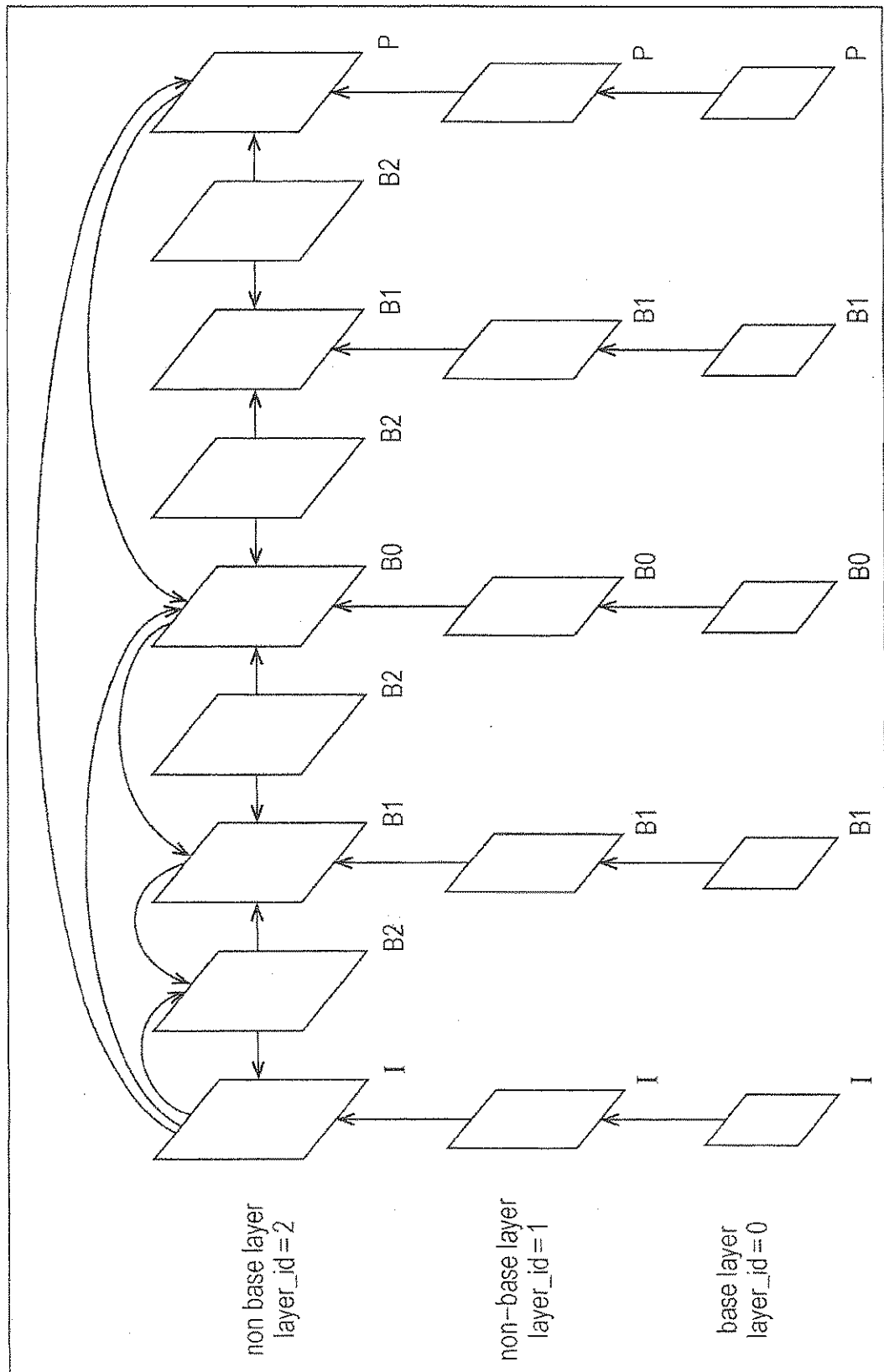


FIG. 25

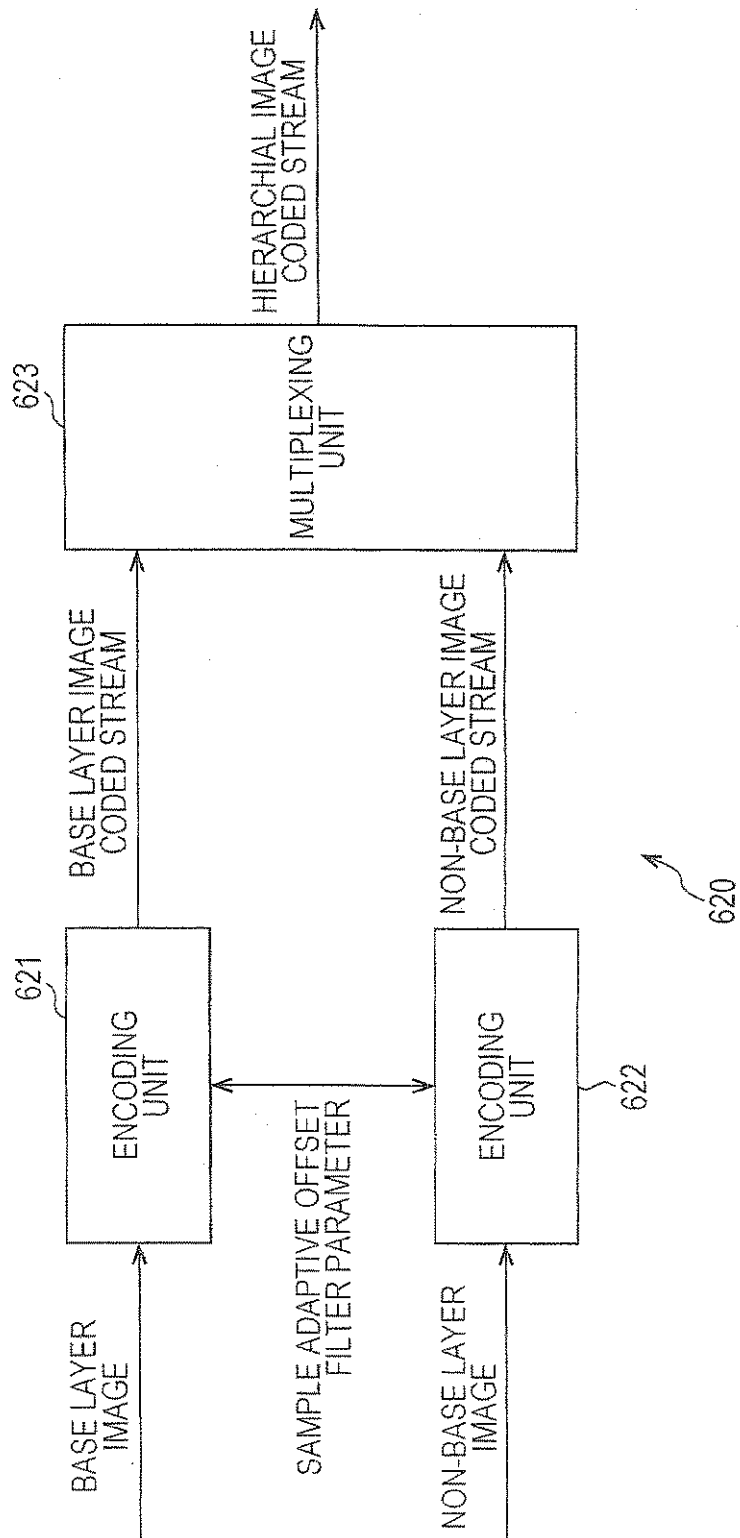


FIG. 26

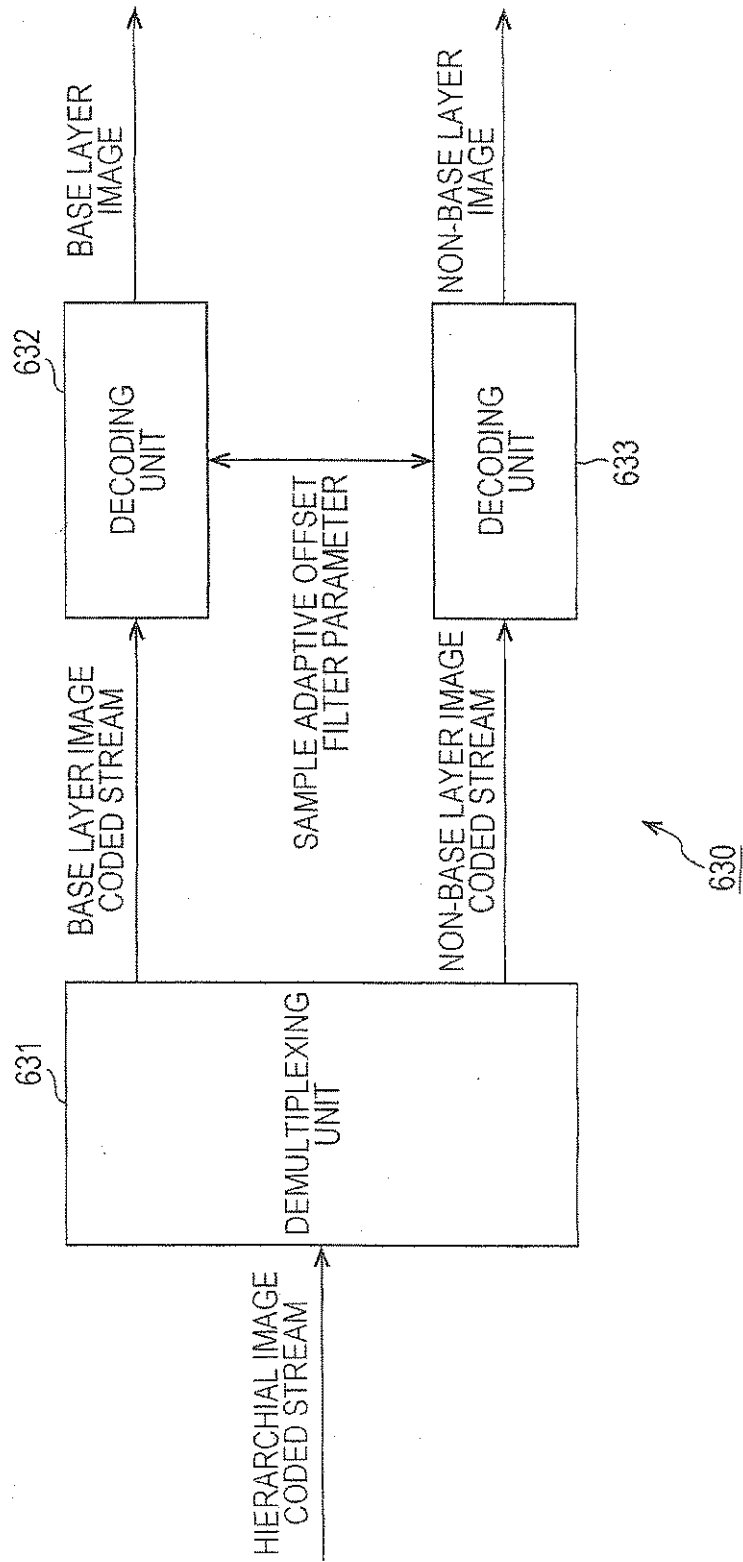


FIG. 27

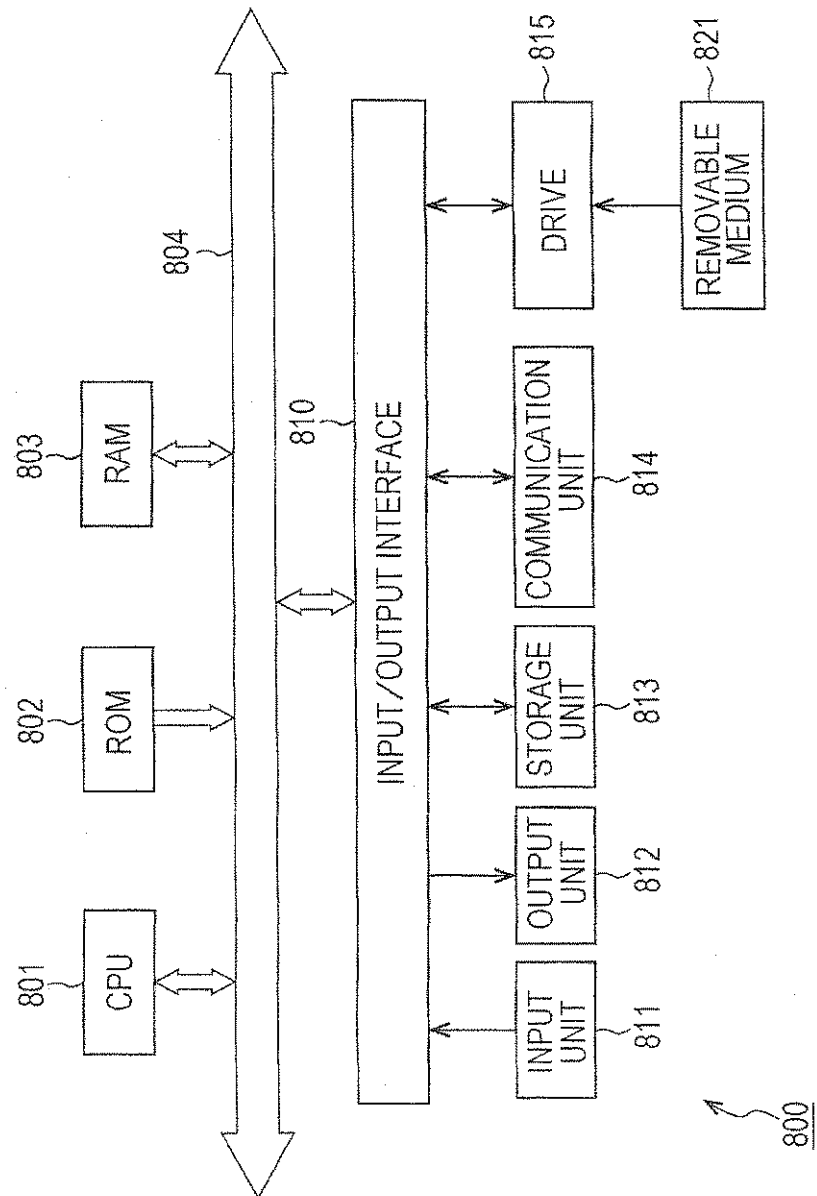


FIG. 28

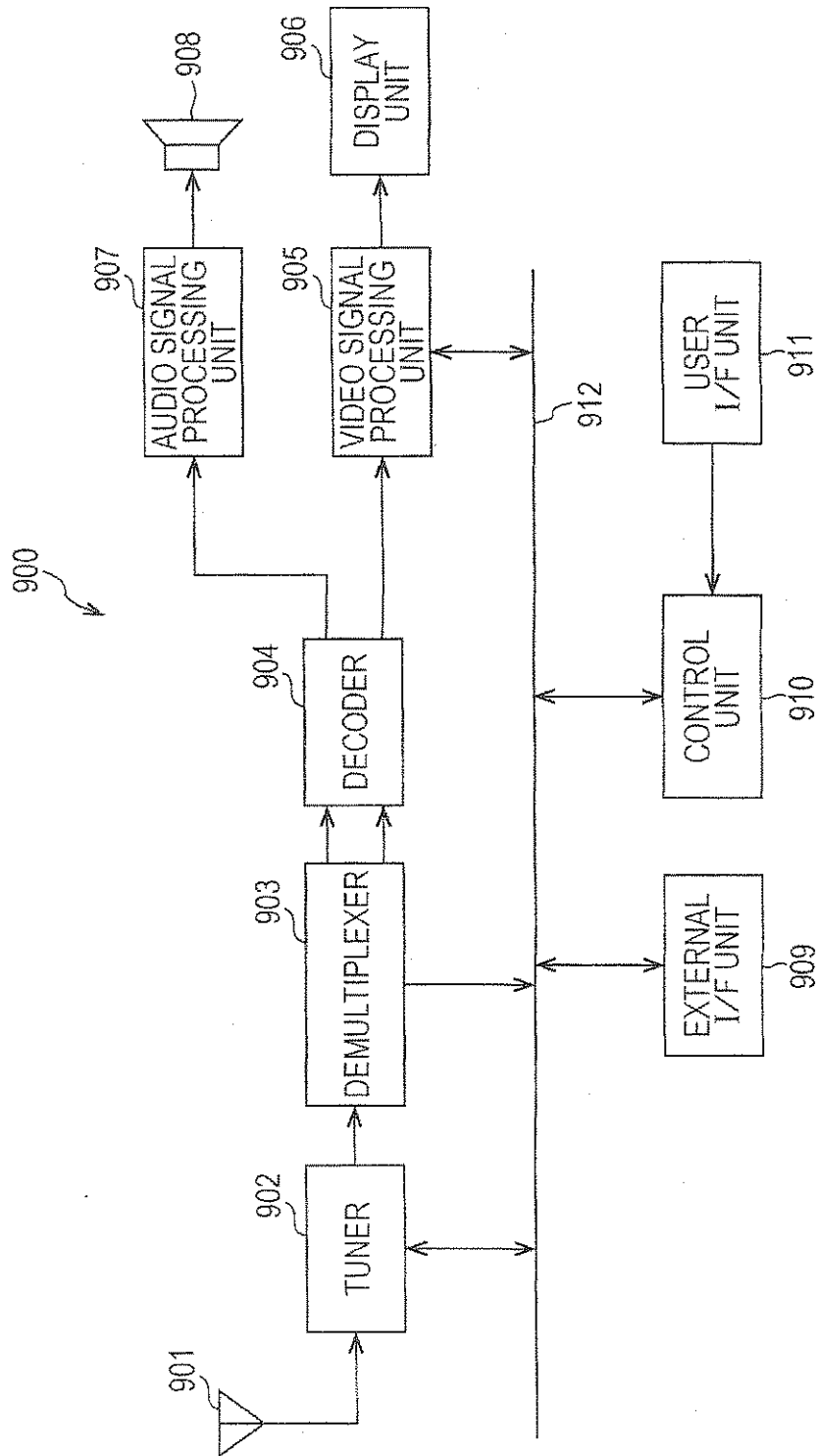


FIG. 29

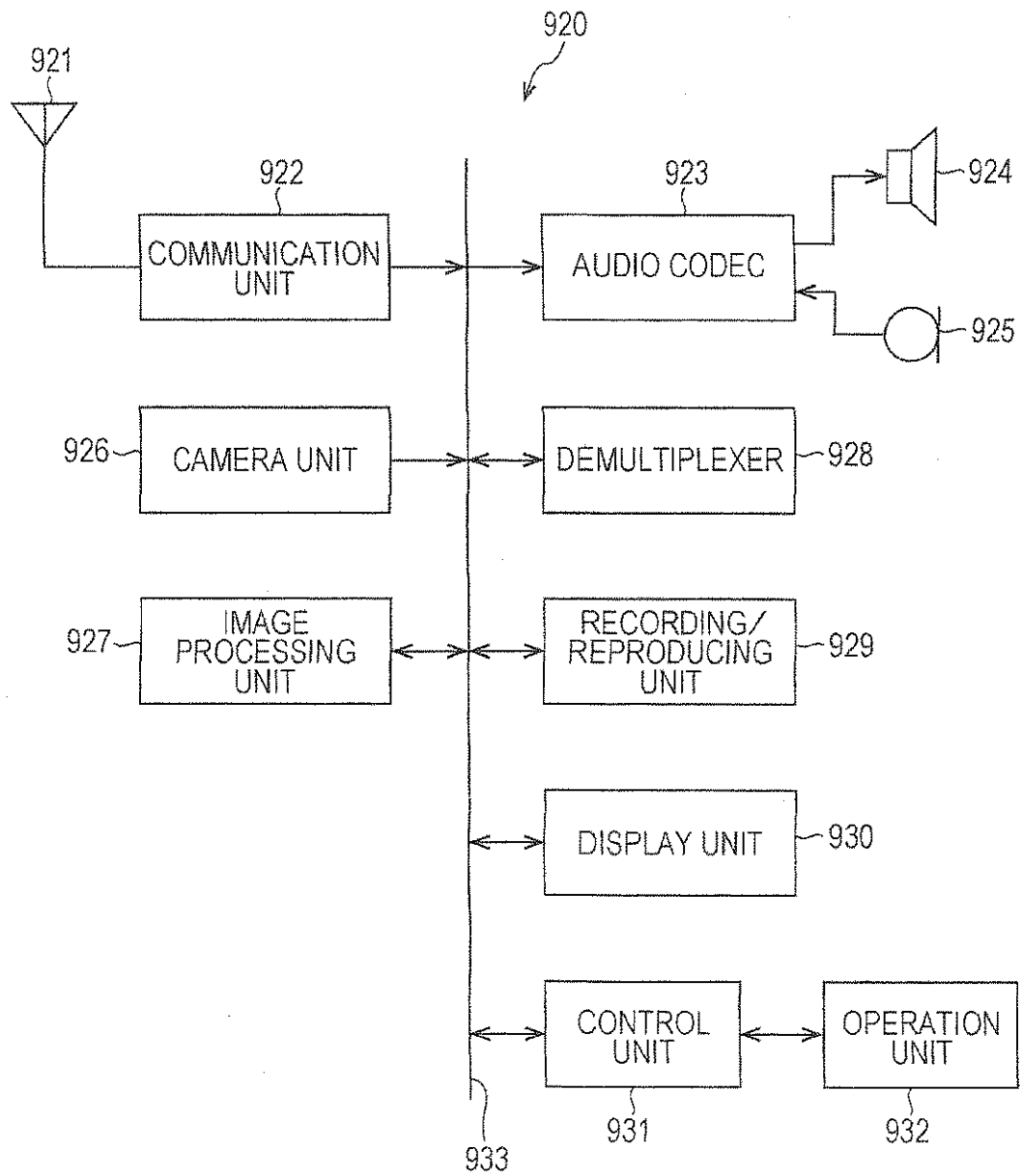


FIG. 30

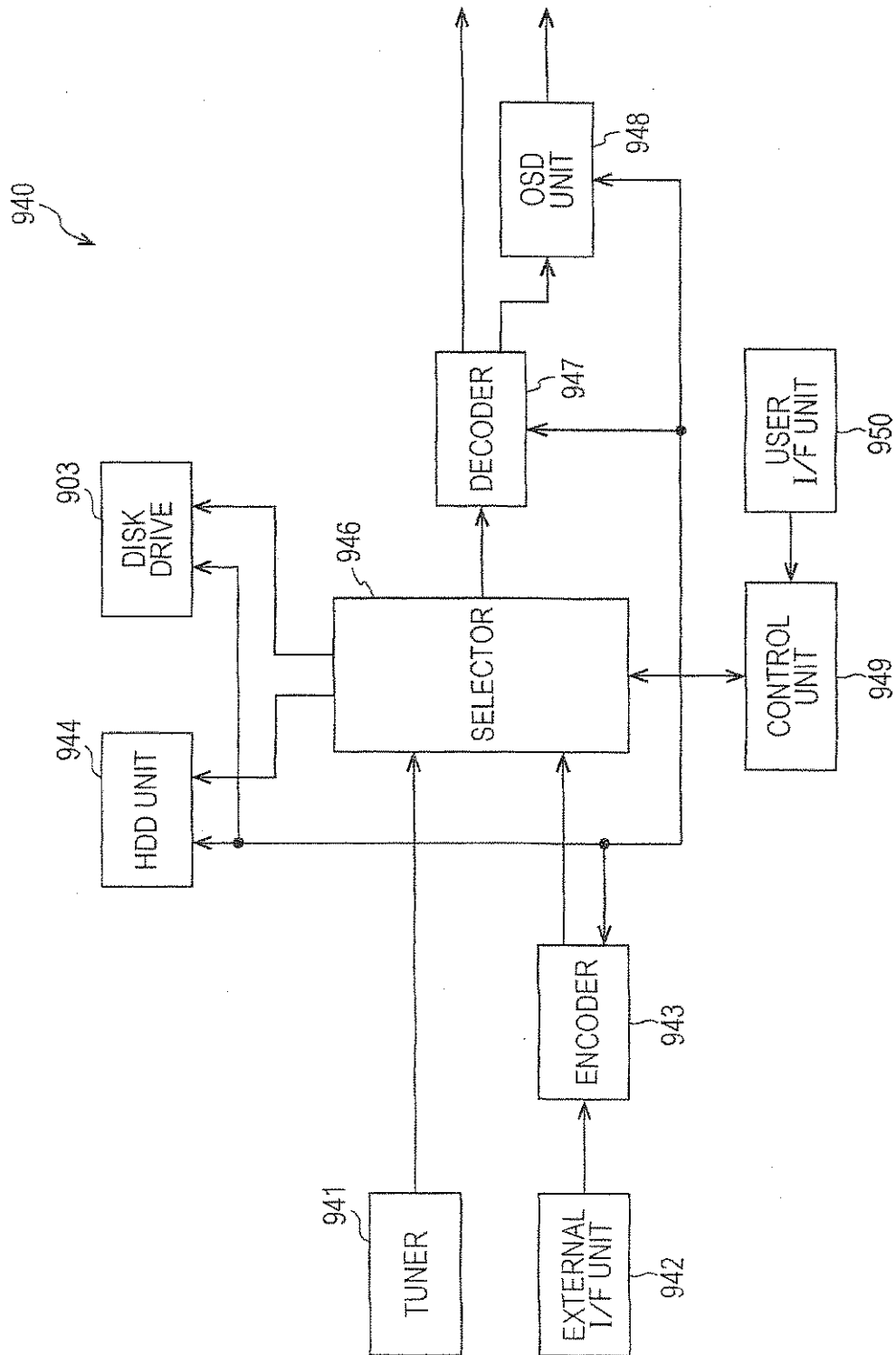


FIG. 31

