

FIG. 1

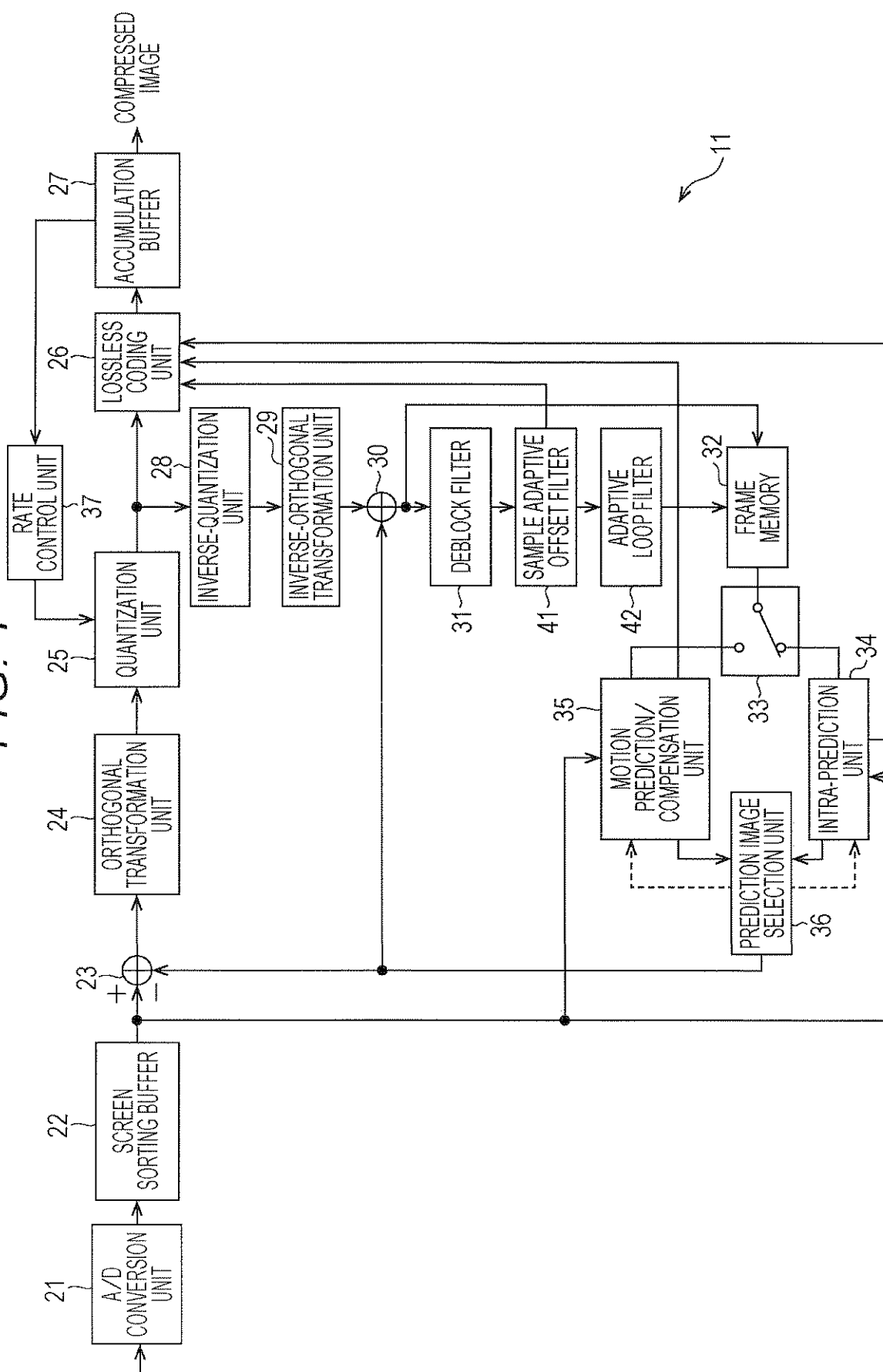


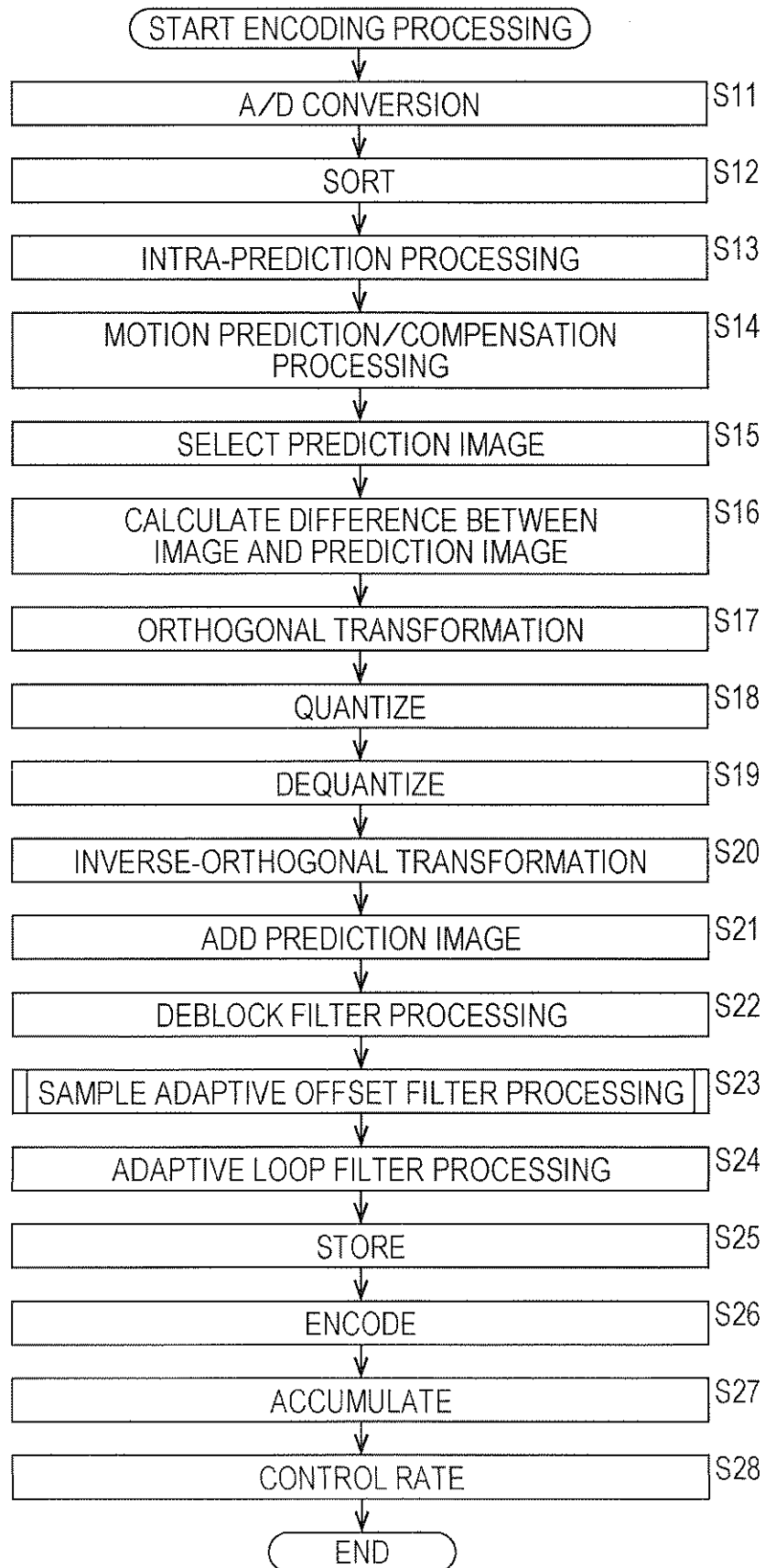
FIG. 2

FIG. 3

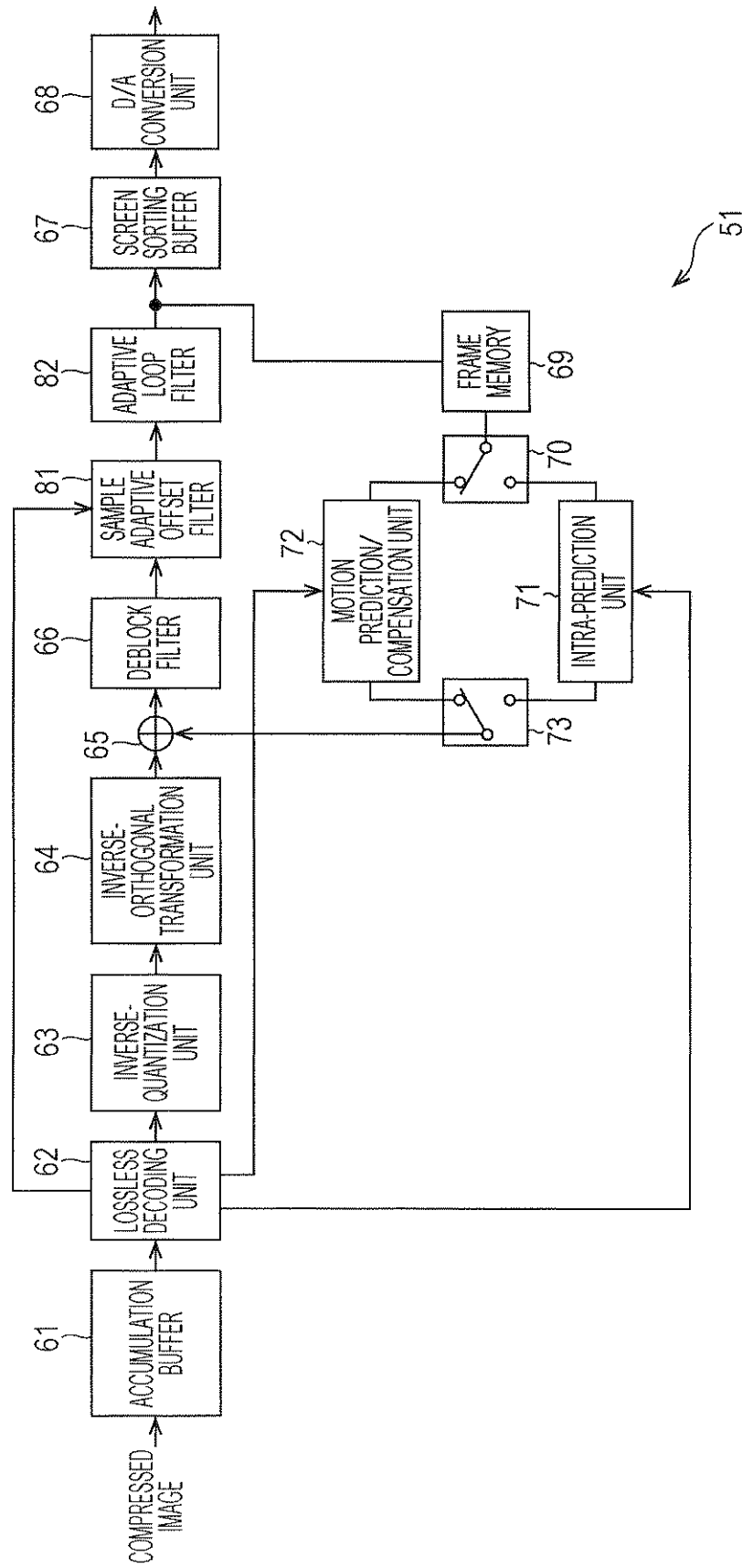


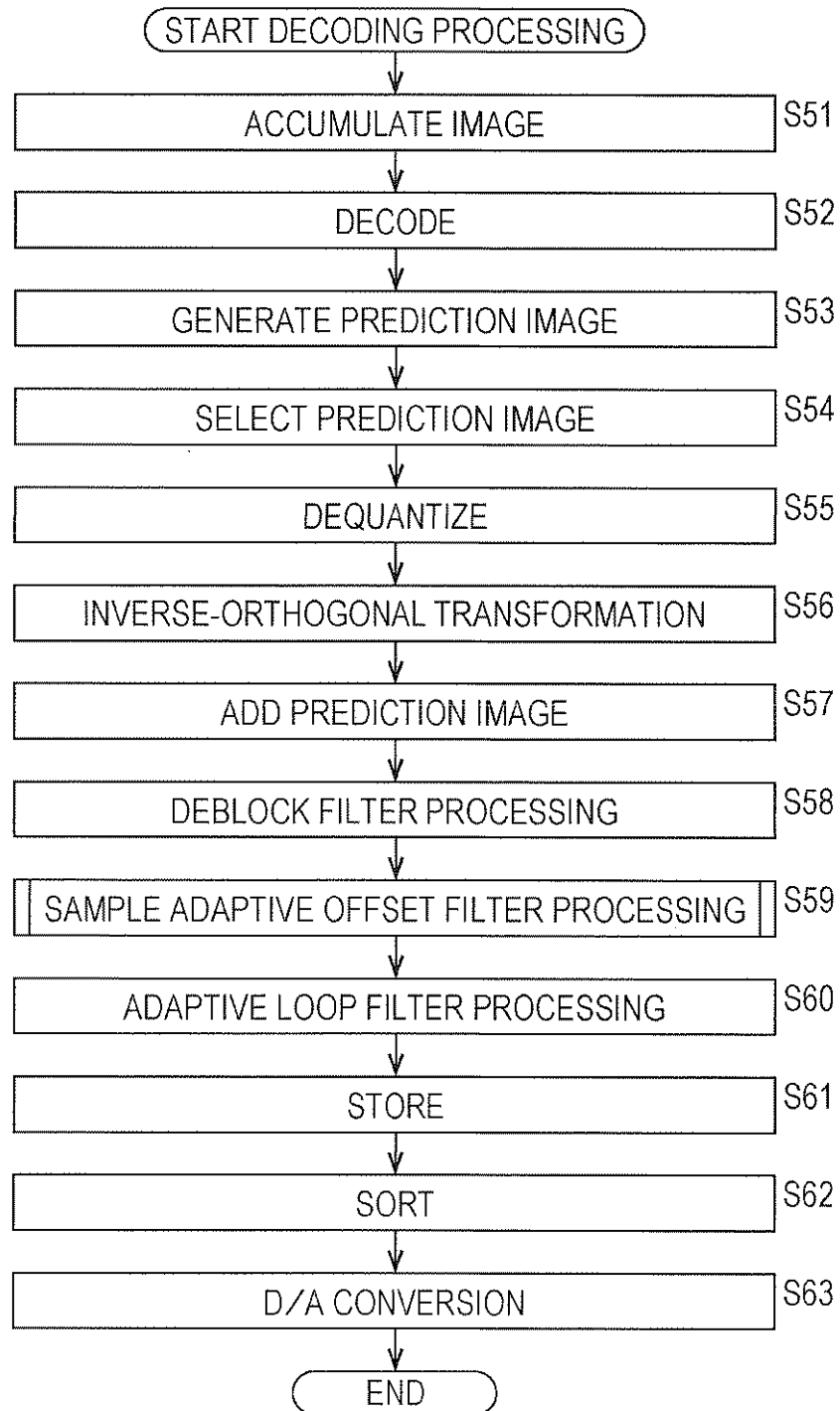
FIG. 4

FIG. 6

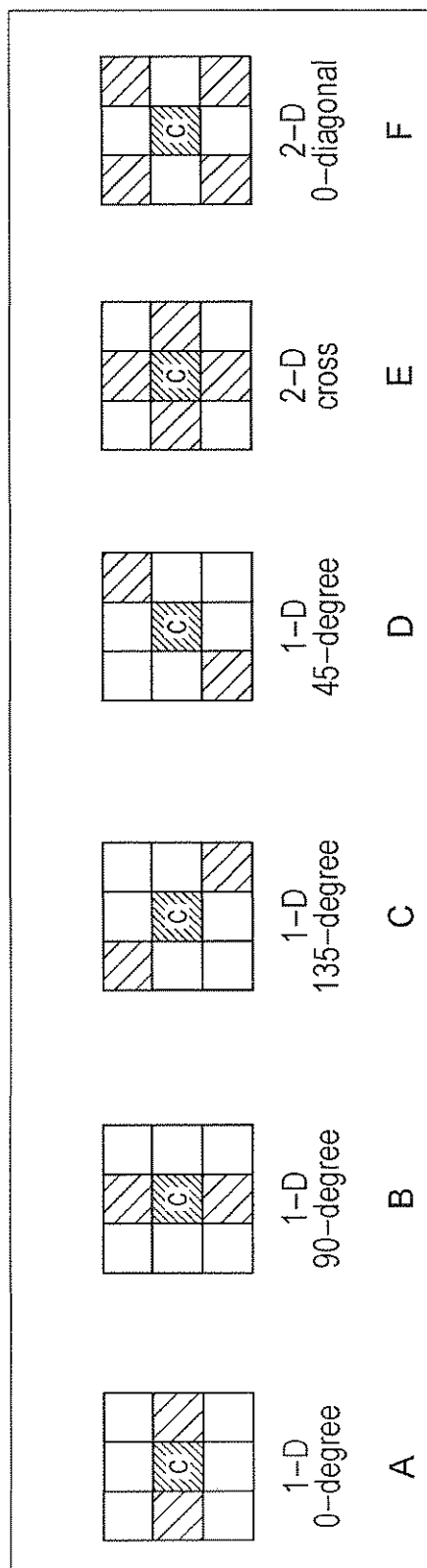


FIG. 7

A Classification rule for 1-D patterns		B Classification rule for 2-D patterns	
Category	Condition	Category	Condition
1	$C < 2$ neighboring pixels	1	$C < 4$ neighbors
2	$C < 1$ neighbor && $c == 1$ neighbor	2	$C < 3$ neighbors && $C = 4^{\text{th}}$ neighbor
3	$C > 1$ neighbor && $c == 1$ neighbor	3	$C < 3$ neighbors && $C > 4^{\text{th}}$ neighbor
4	$C > 2$ neighbors	4	$C > 3$ neighbors && $C < 4^{\text{th}}$ neighbor
0	None of the above	5	$C > 3$ neighbors && $C = 4^{\text{th}}$ neighbor
		6	$C > 4$ neighbors
		0	None of the above

FIG. 8

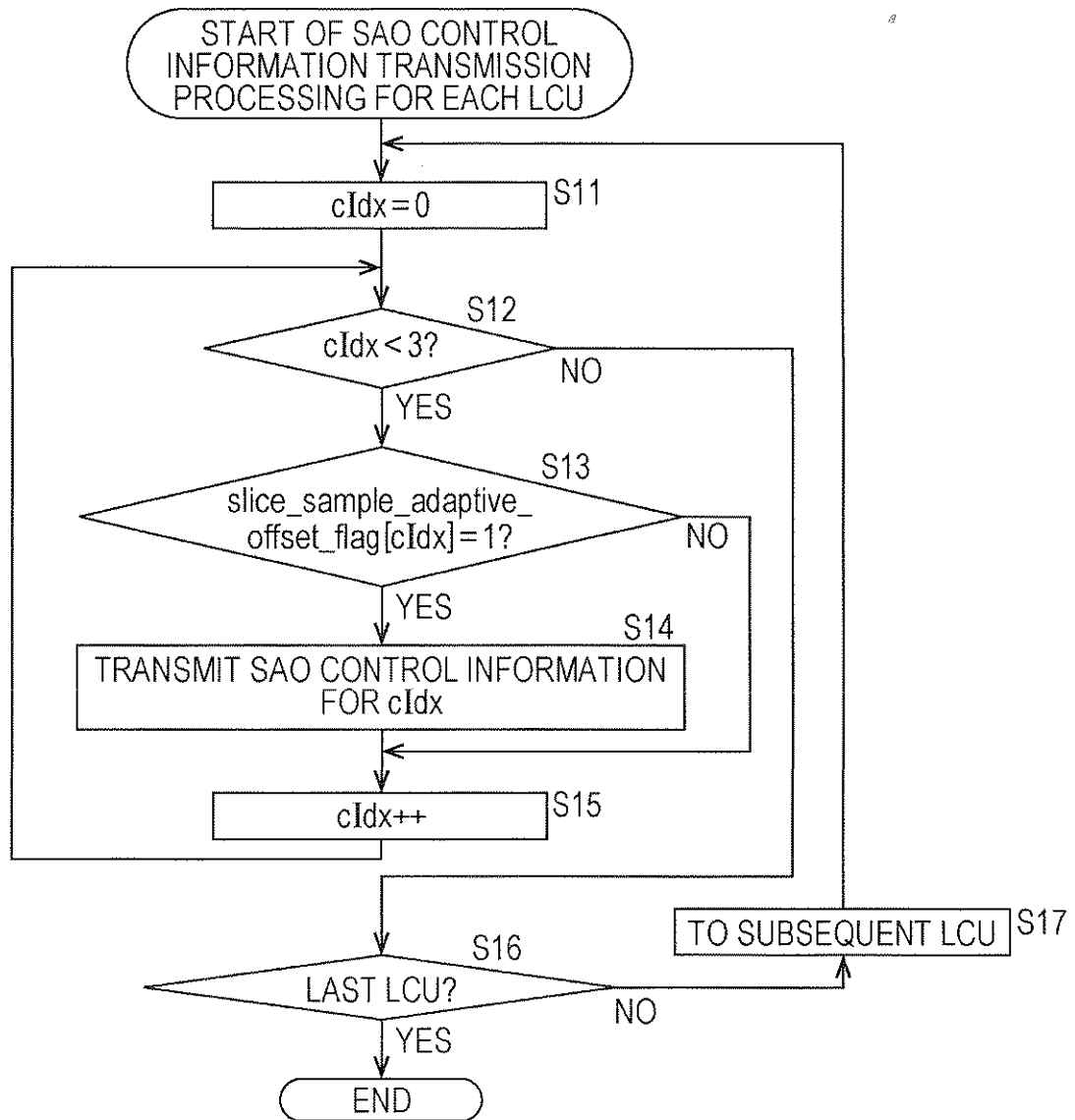


FIG. 9

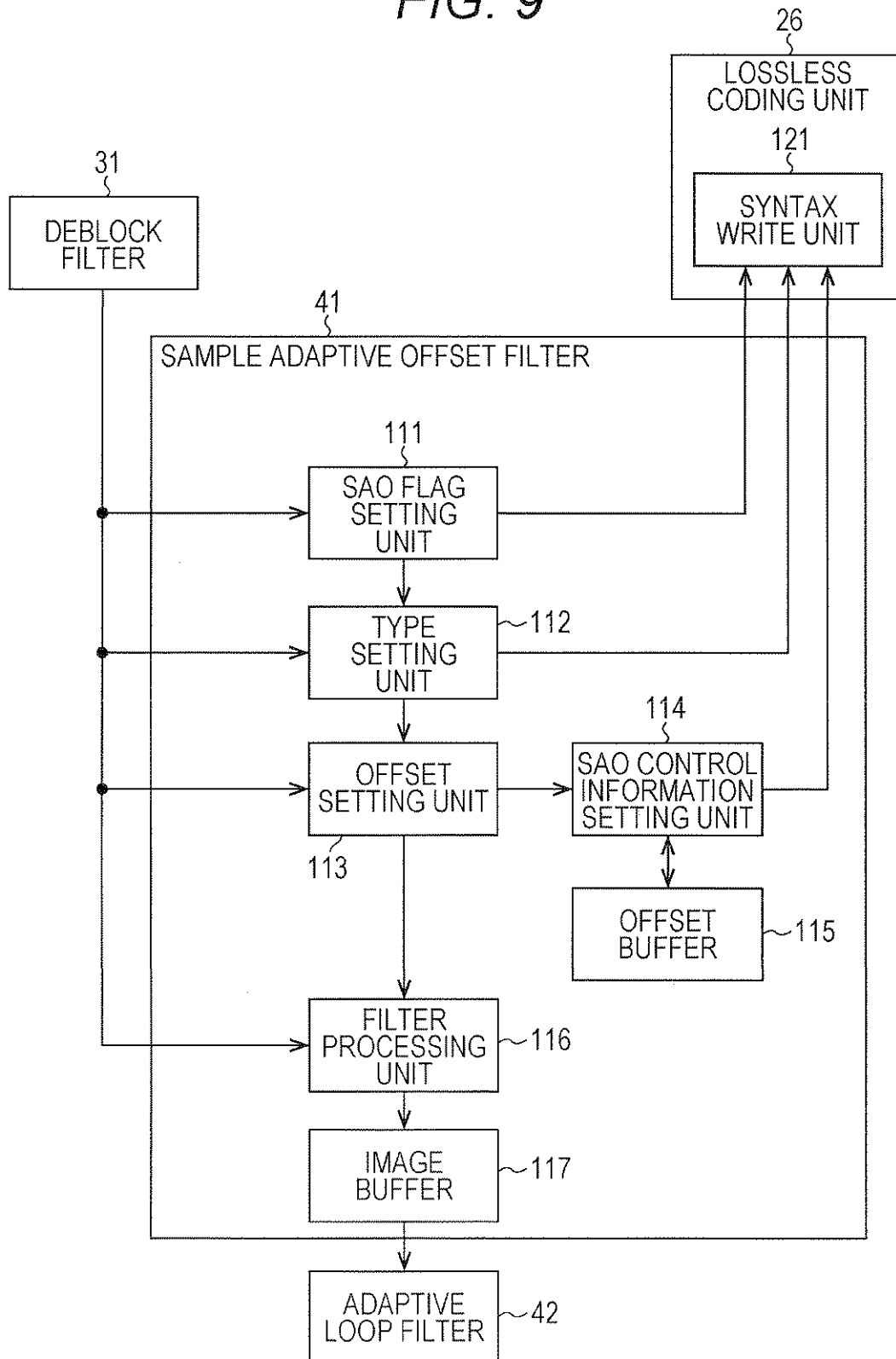


FIG. 10

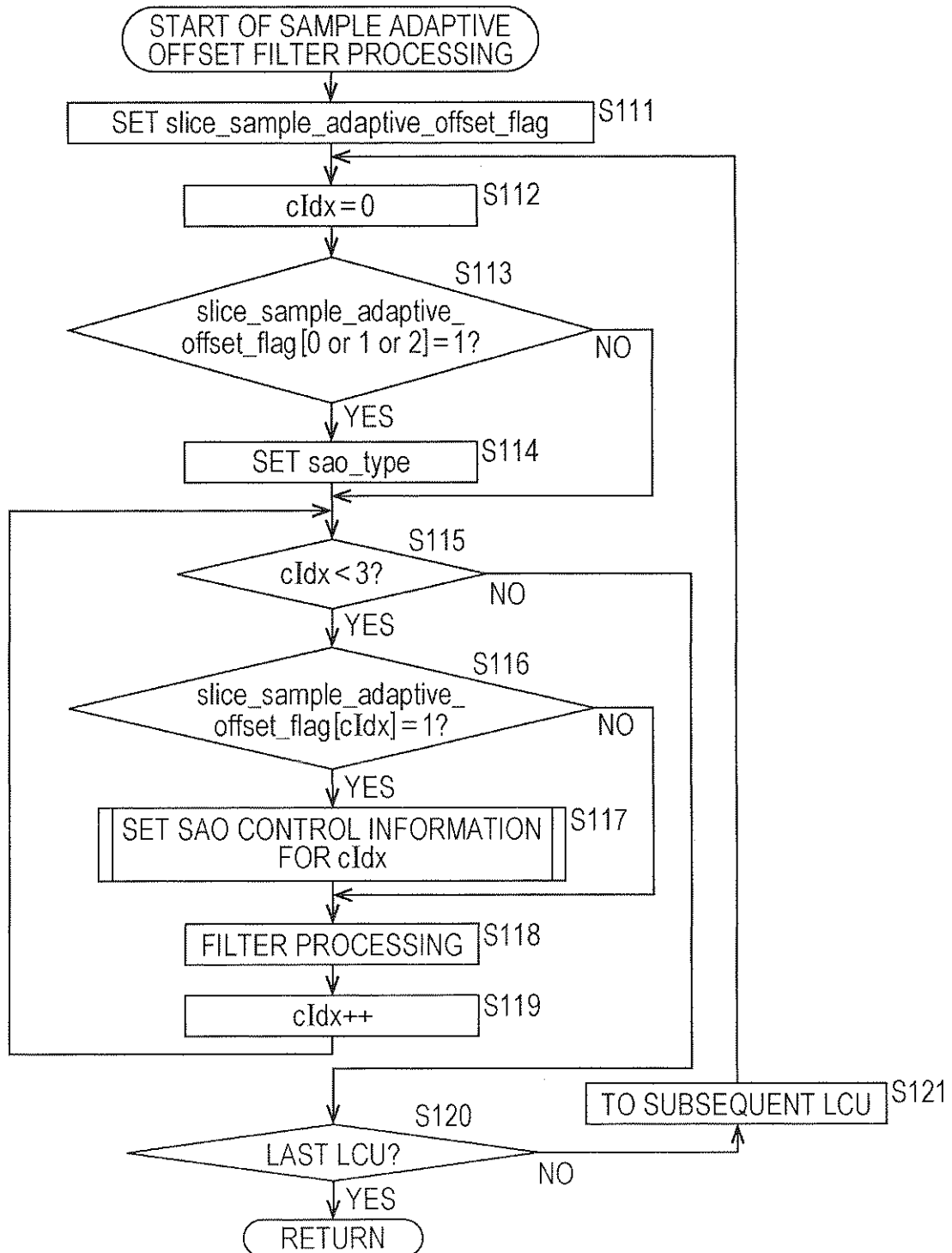


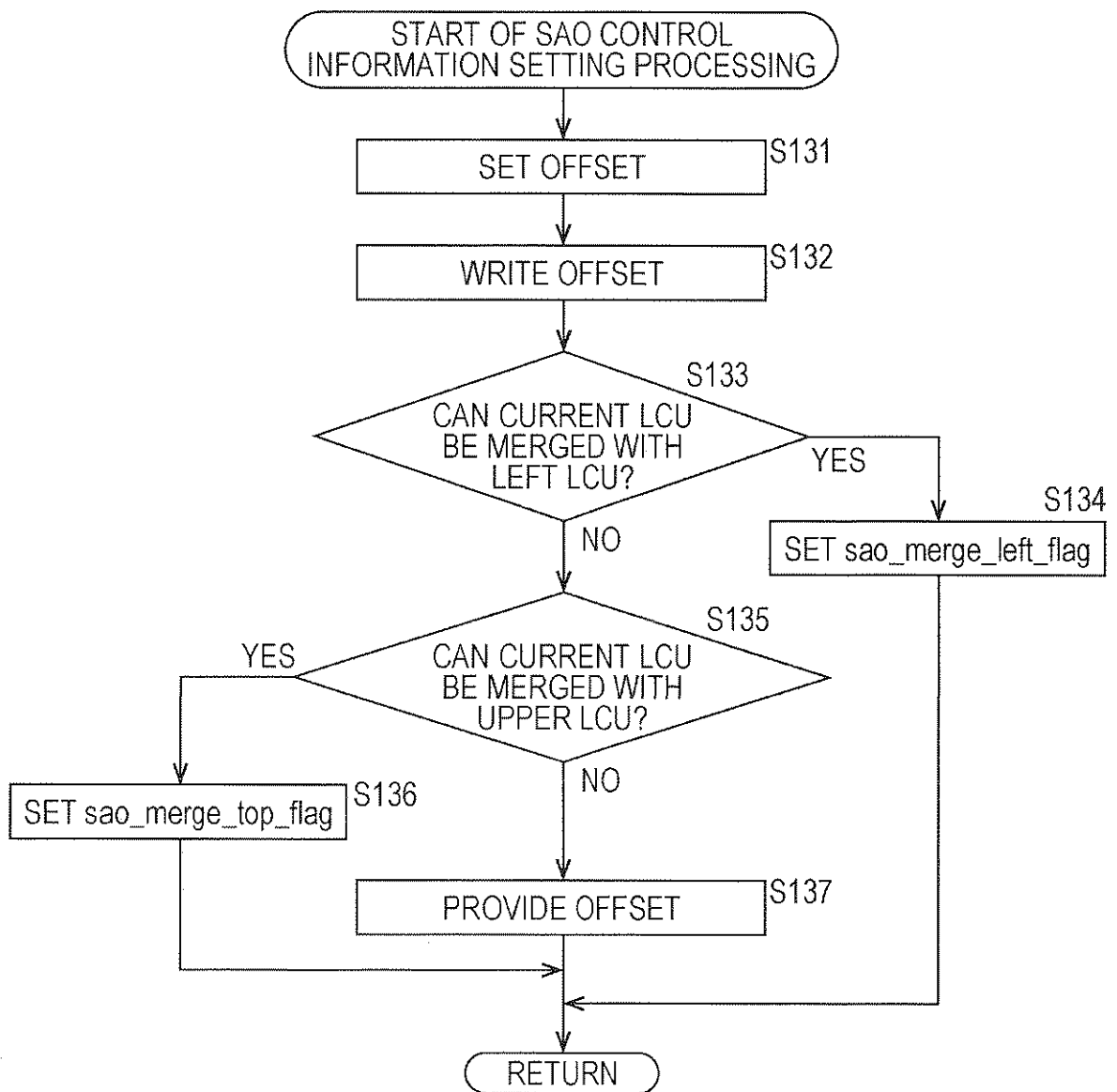
FIG. 11

FIG. 12

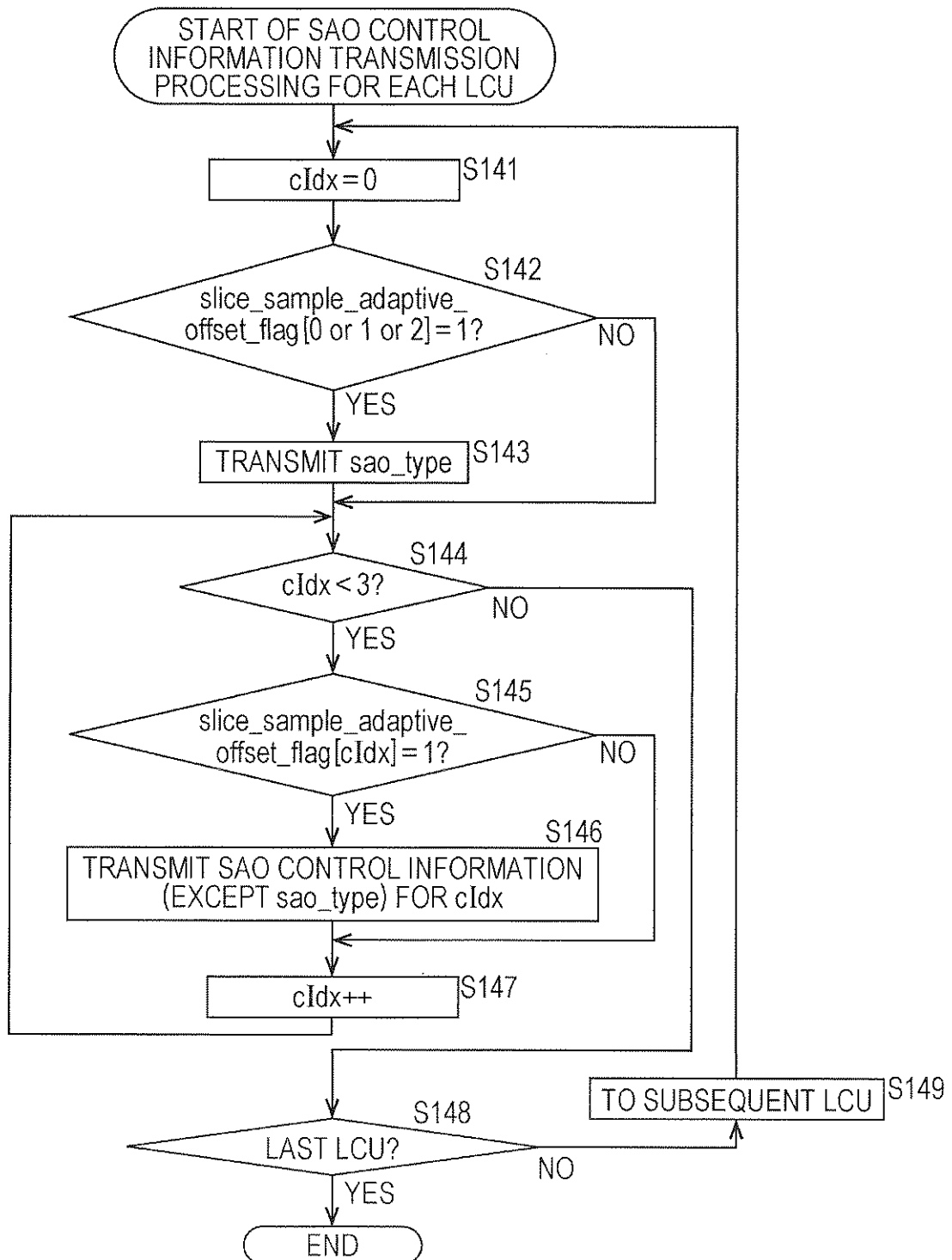


FIG. 13

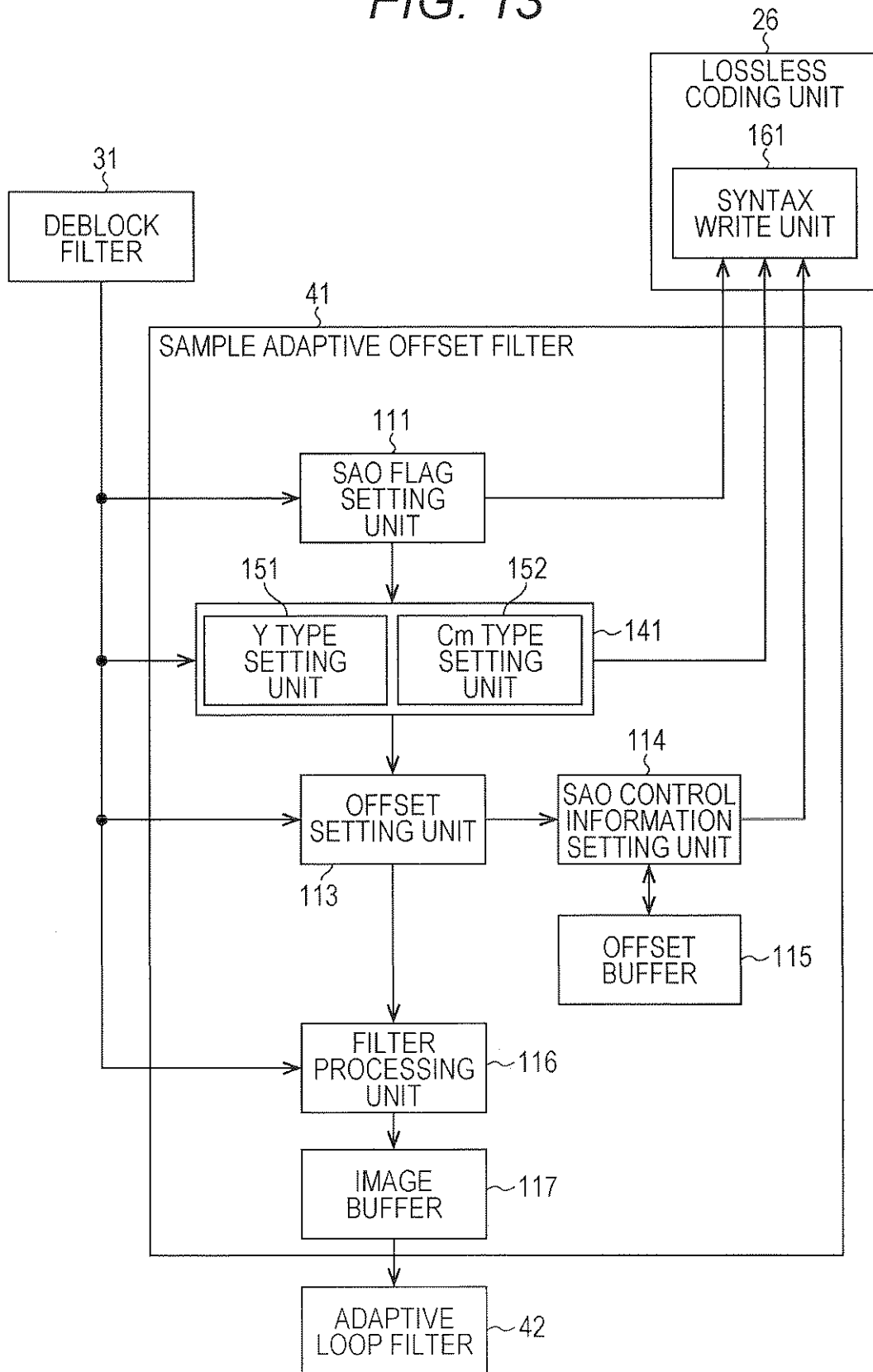


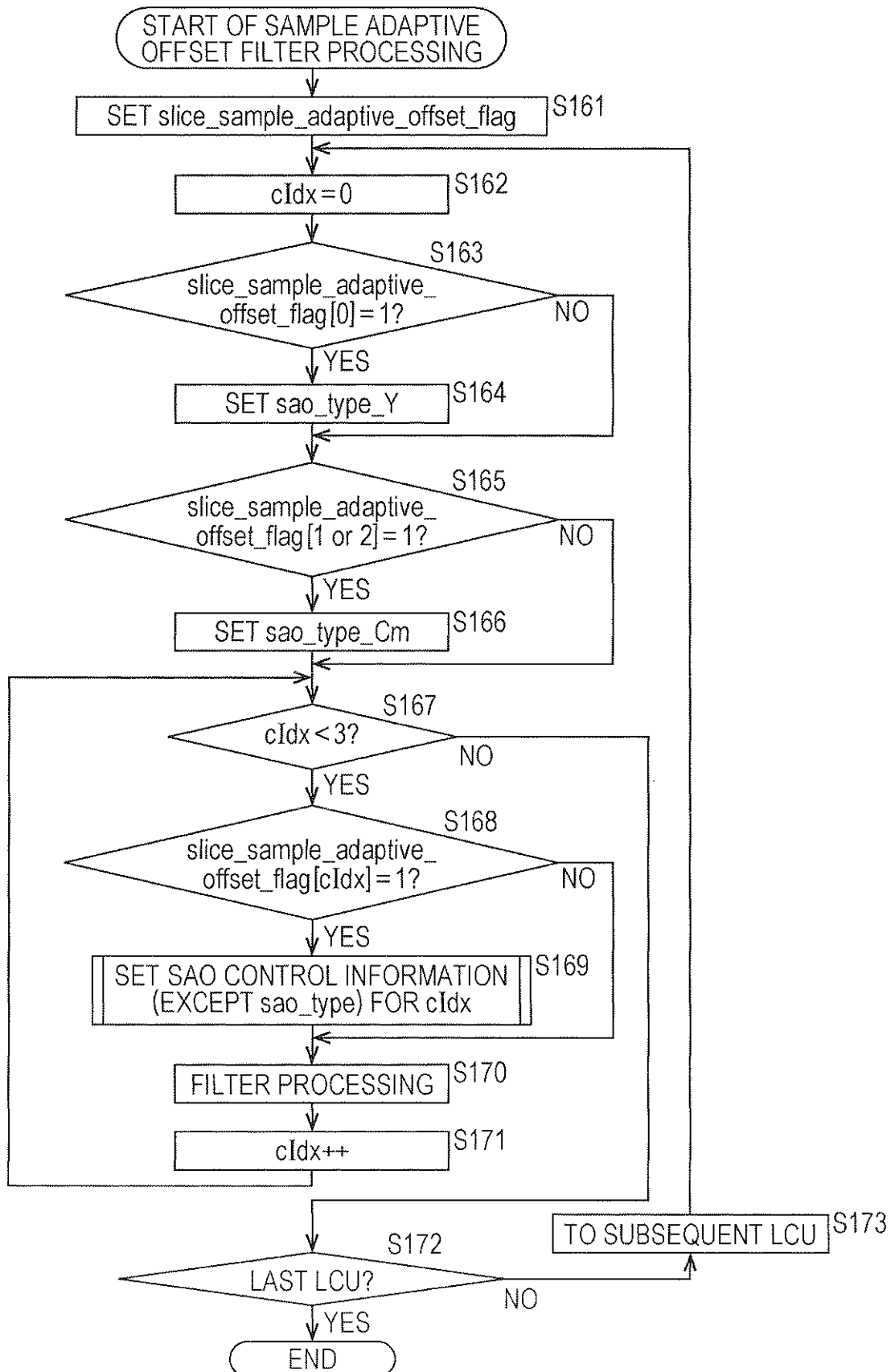
FIG. 14

FIG. 15

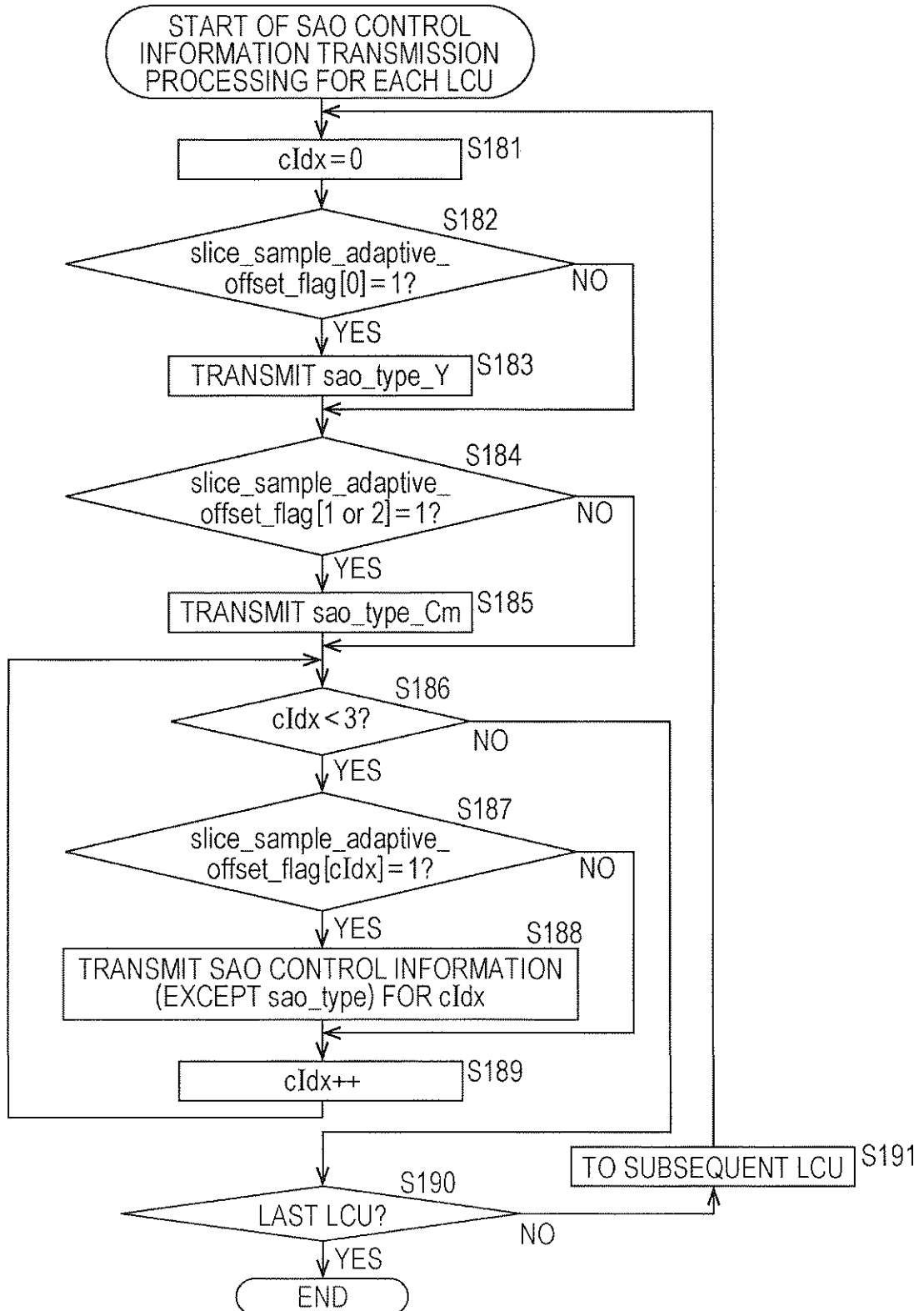


FIG. 16

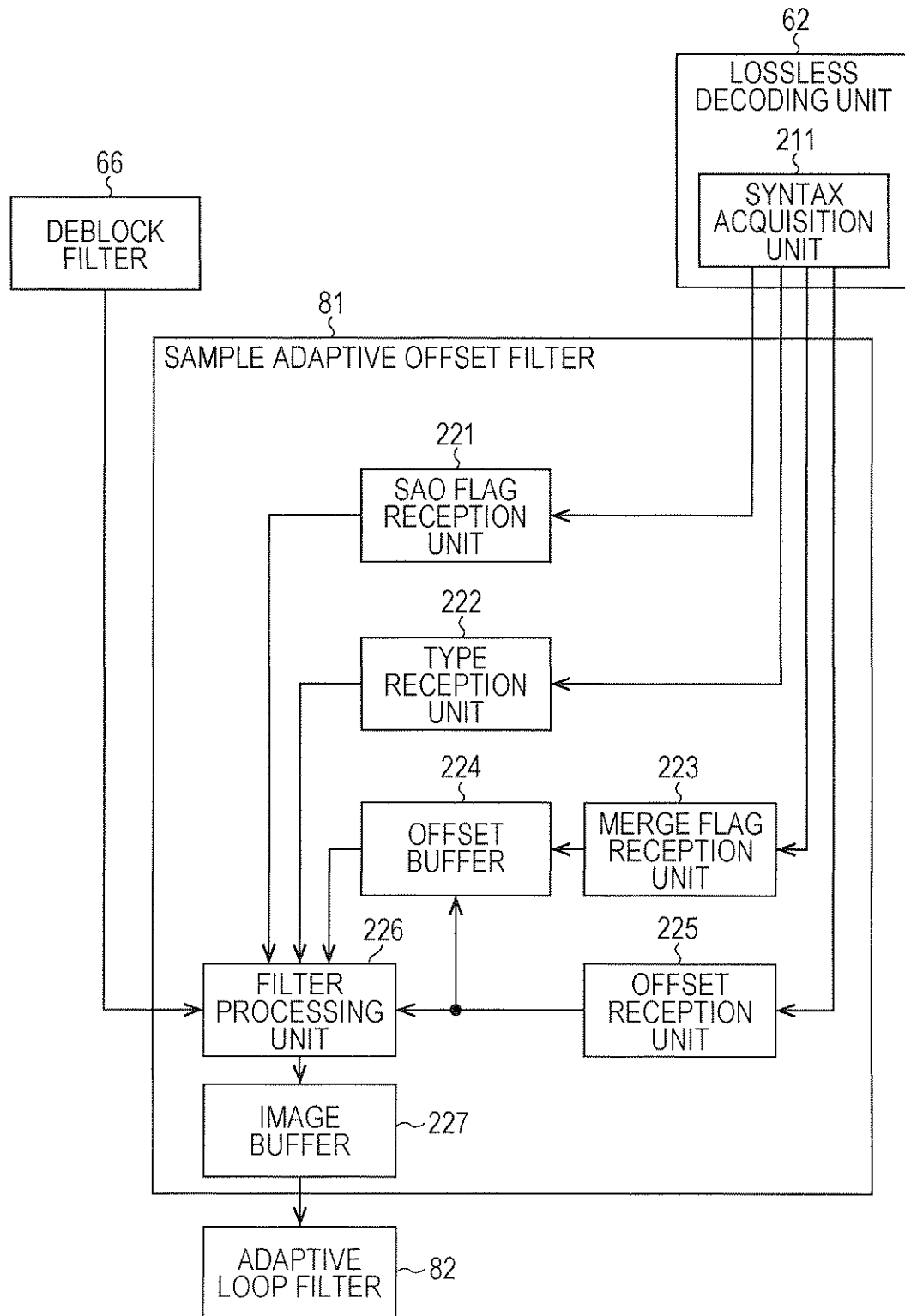


FIG. 17

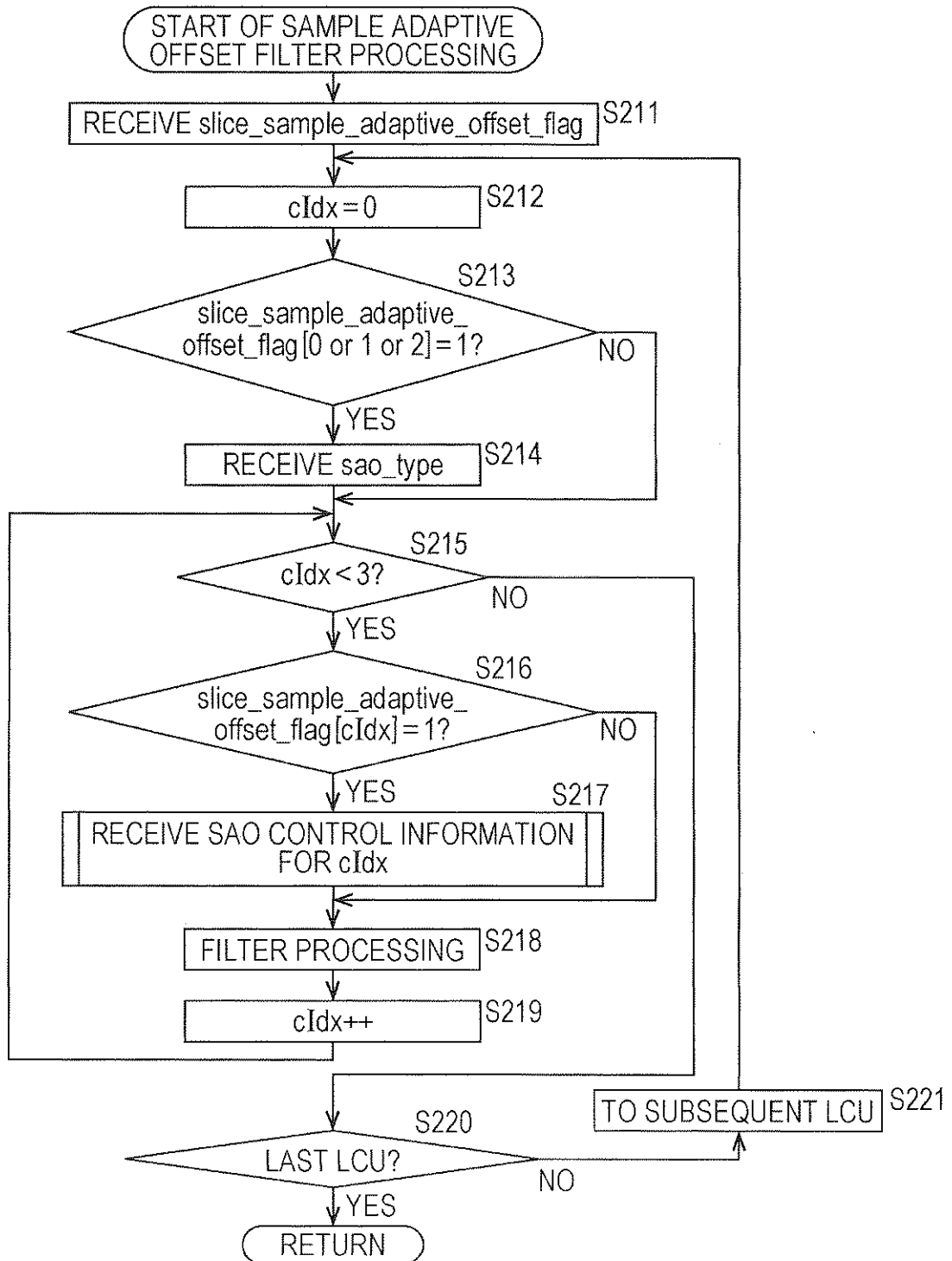


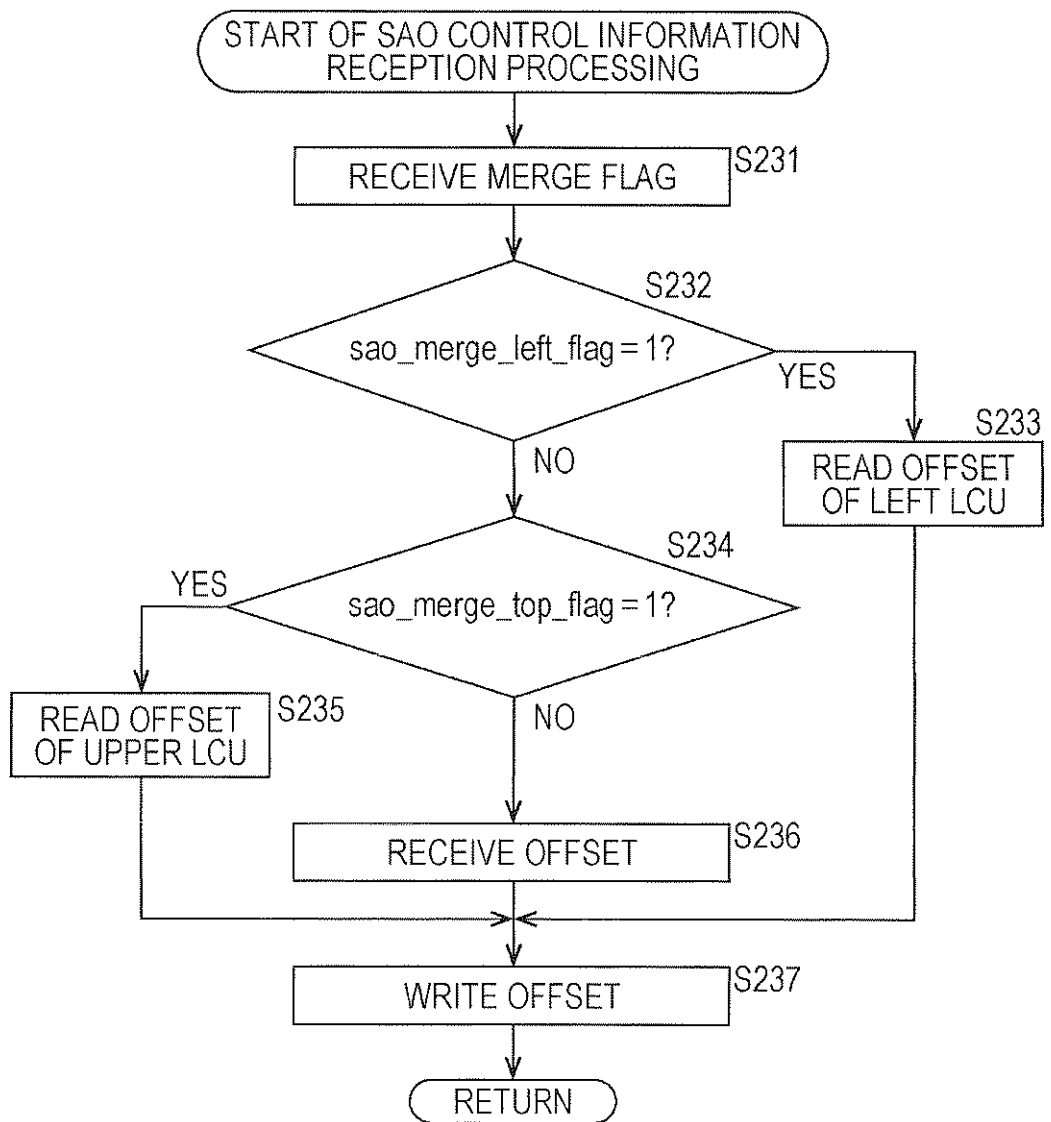
FIG. 18

FIG. 19

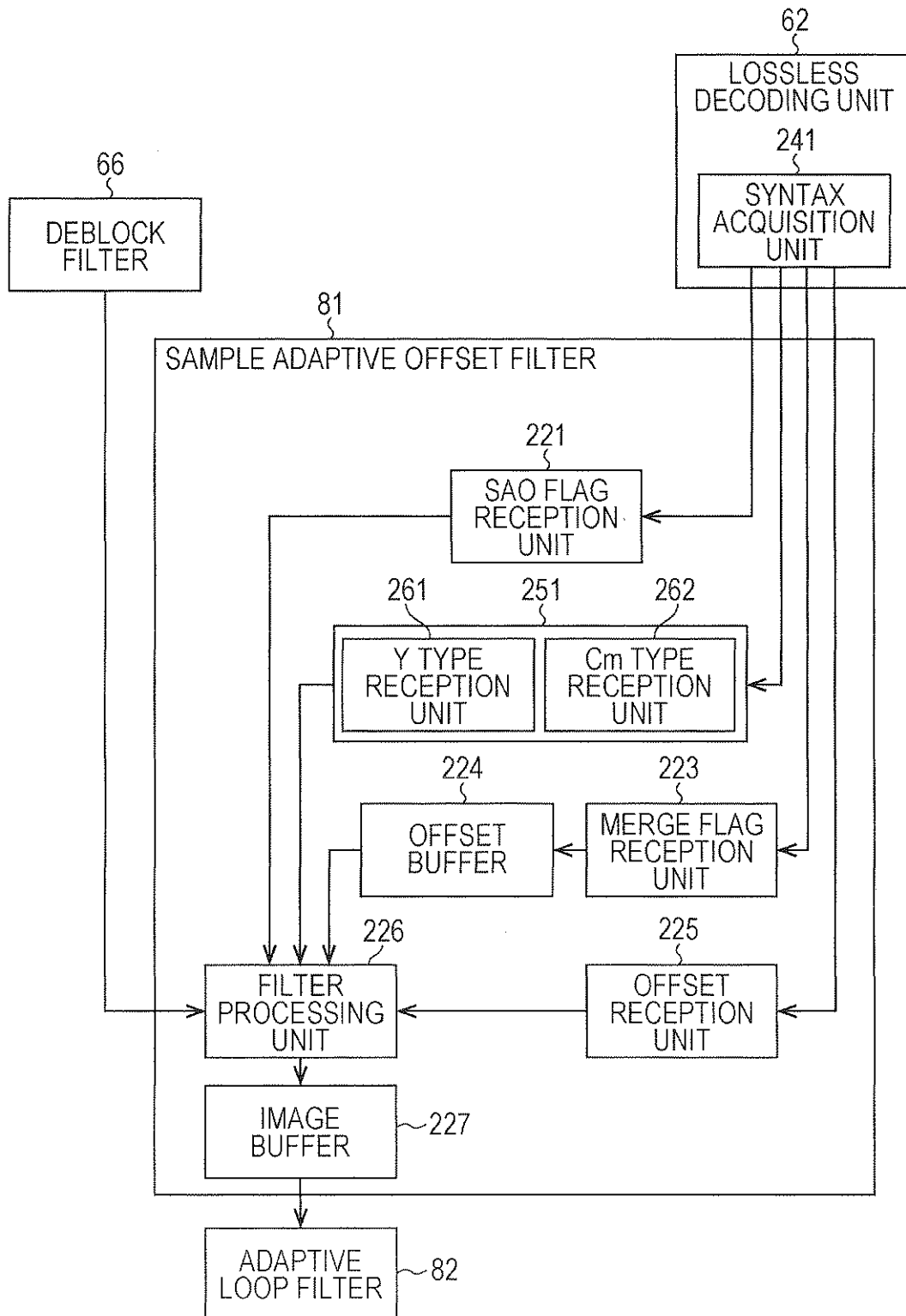


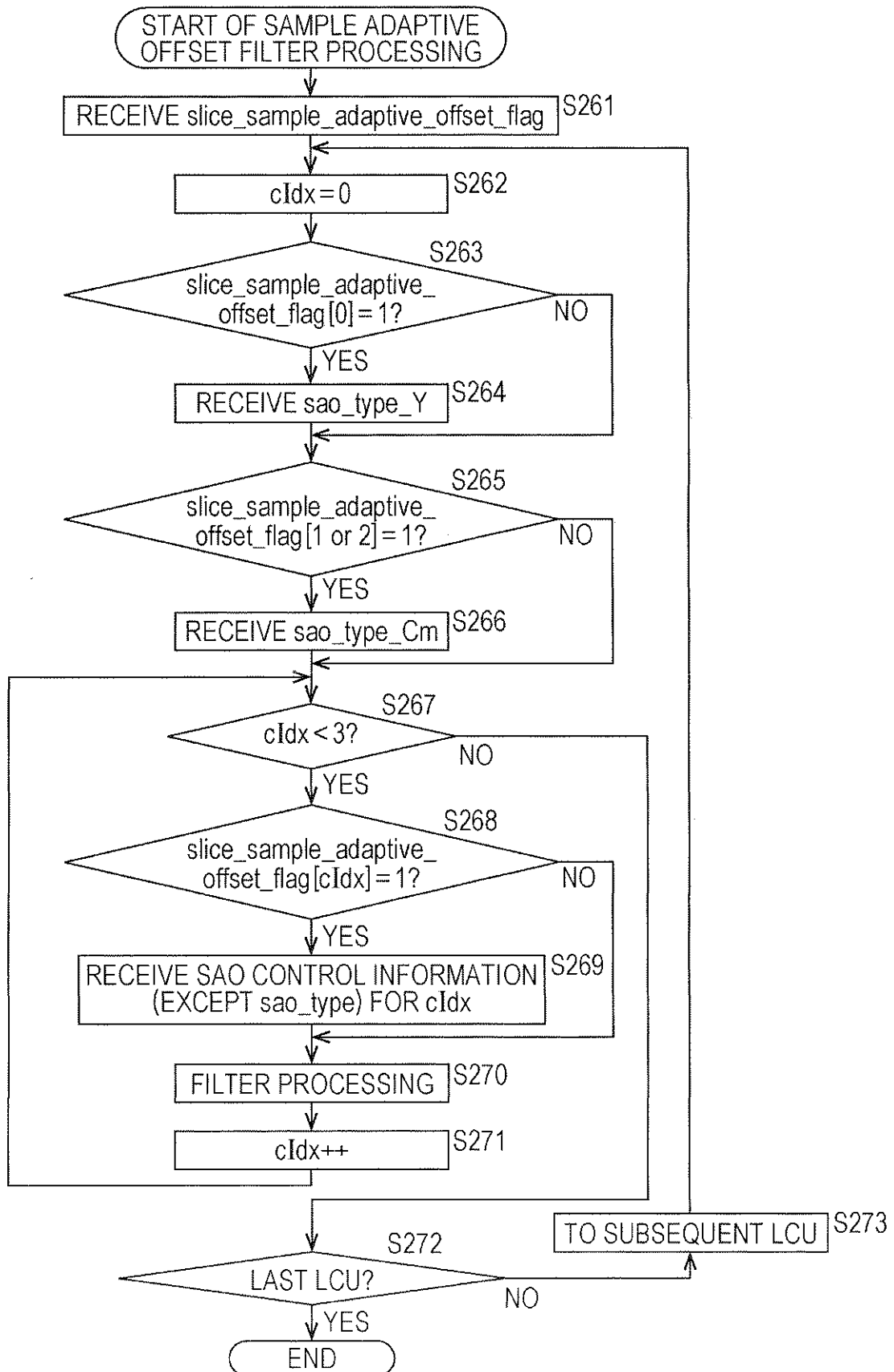
FIG. 20

FIG. 21

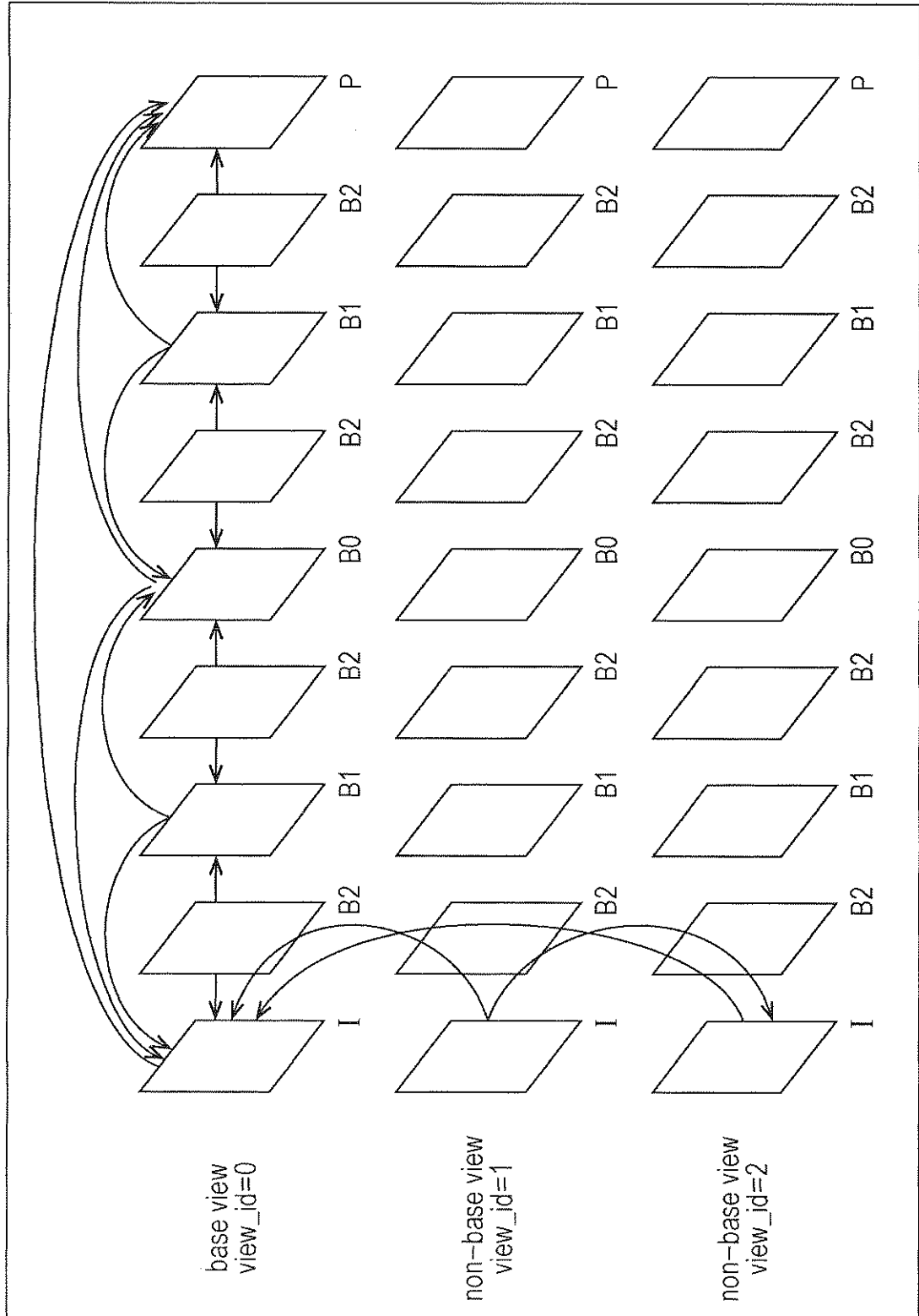


FIG. 22

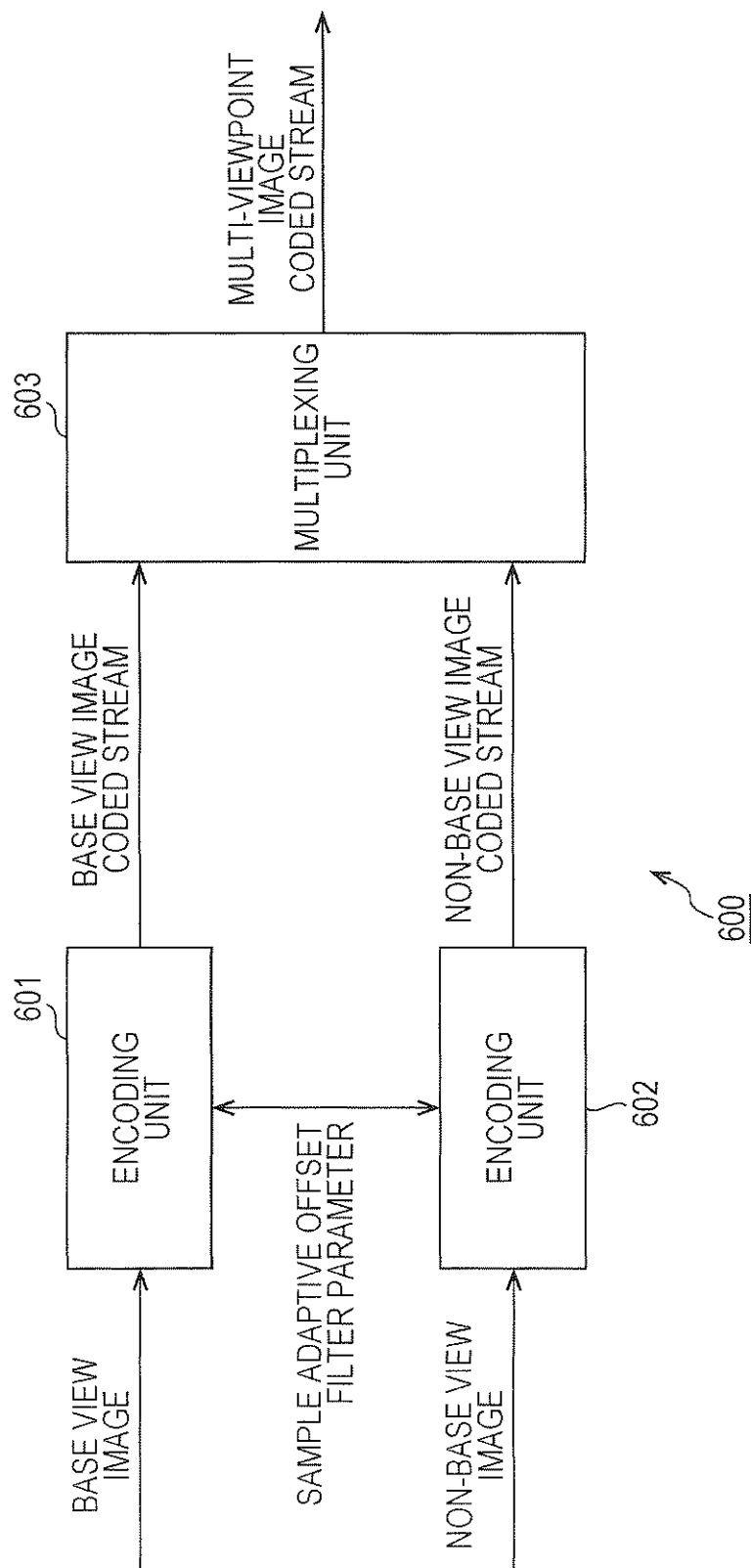


FIG. 23

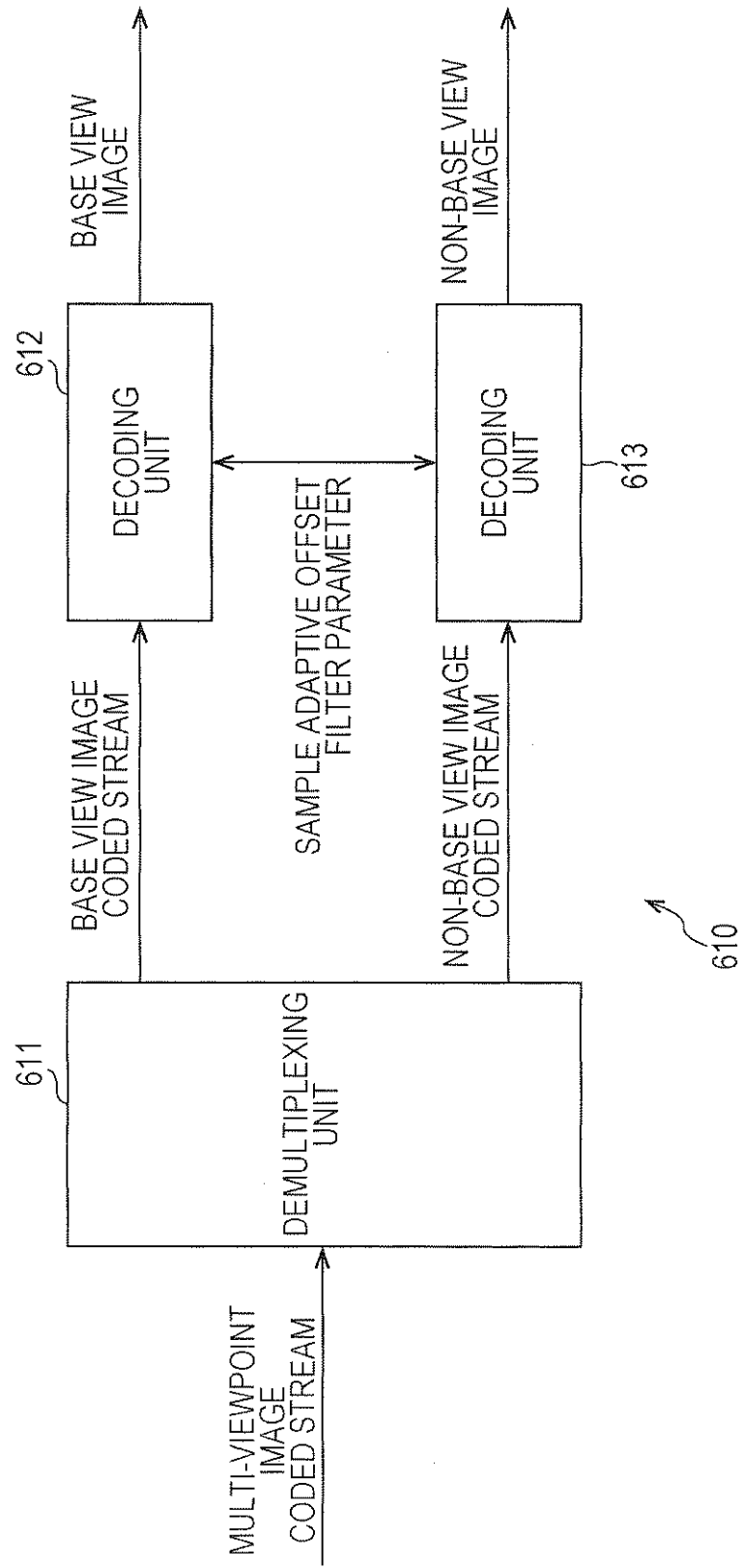


FIG. 24

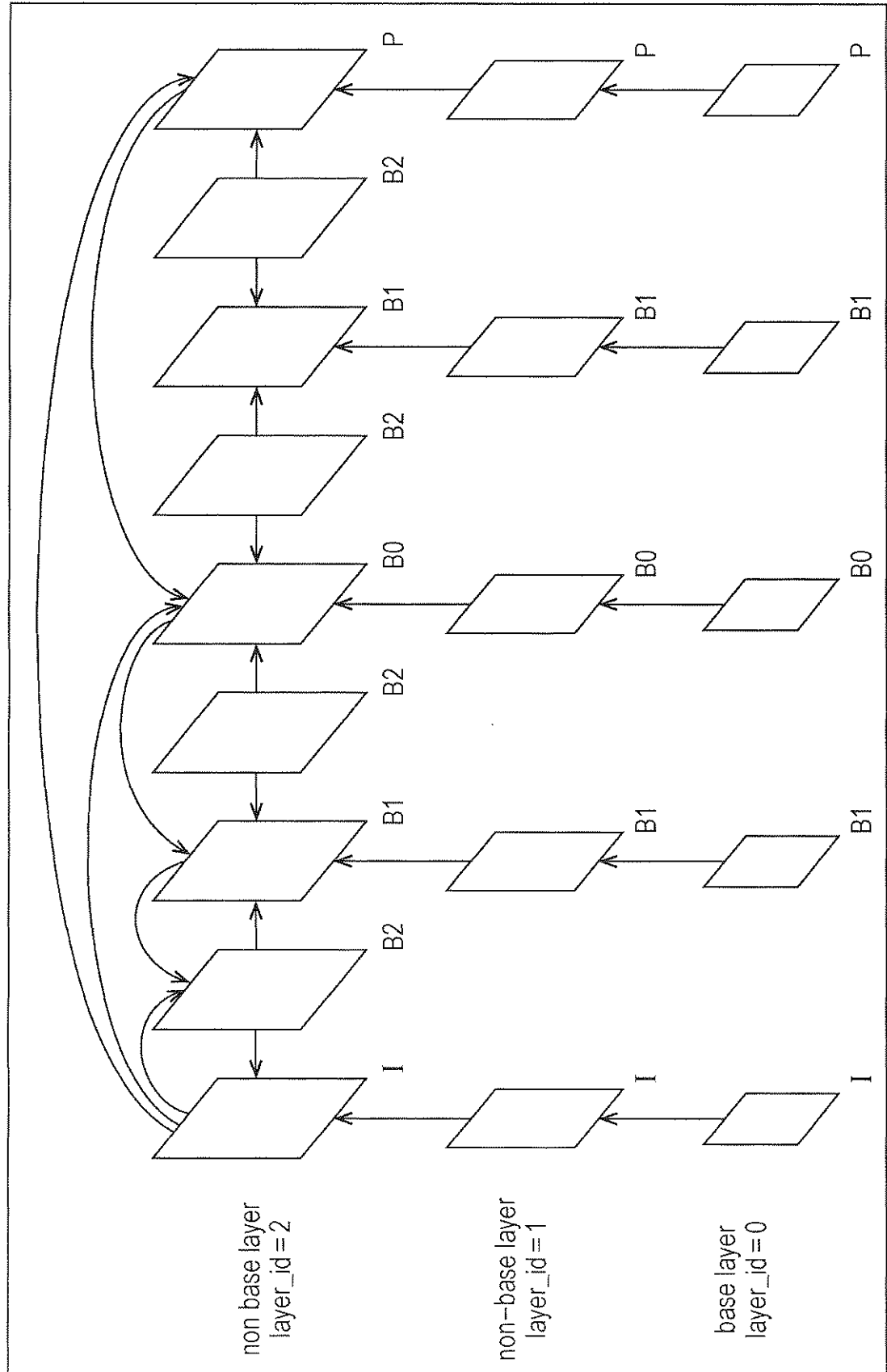


FIG. 25

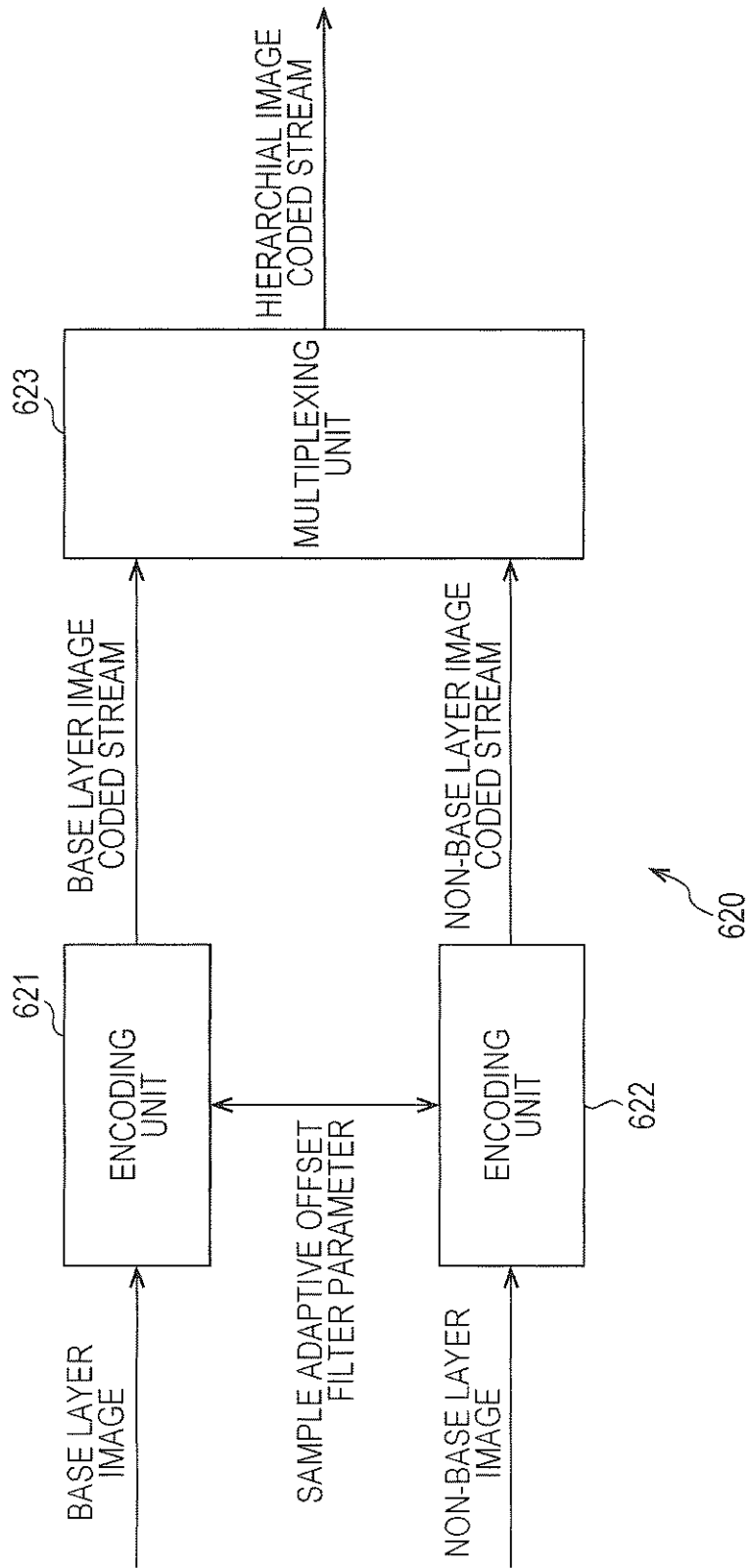


FIG. 26

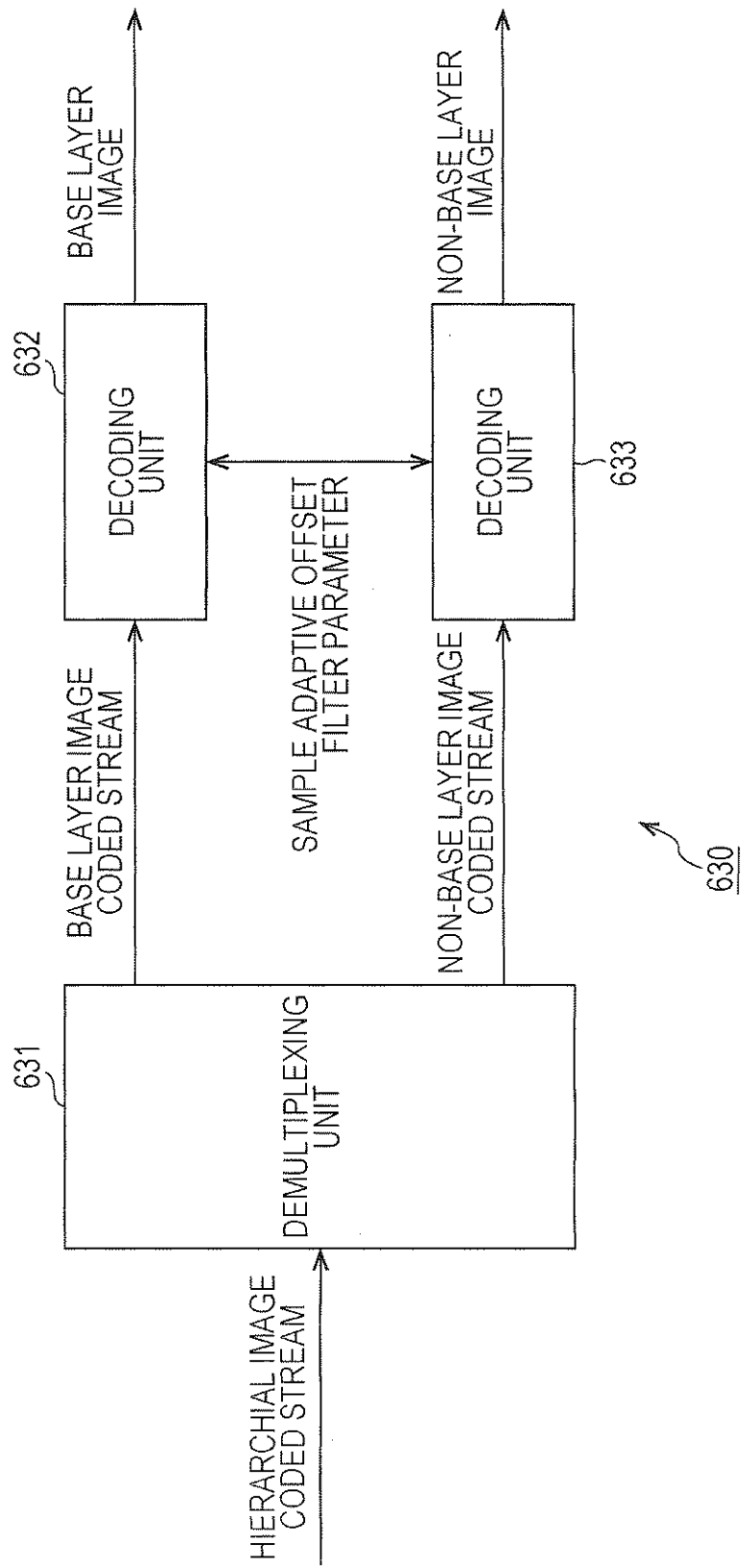


FIG. 27

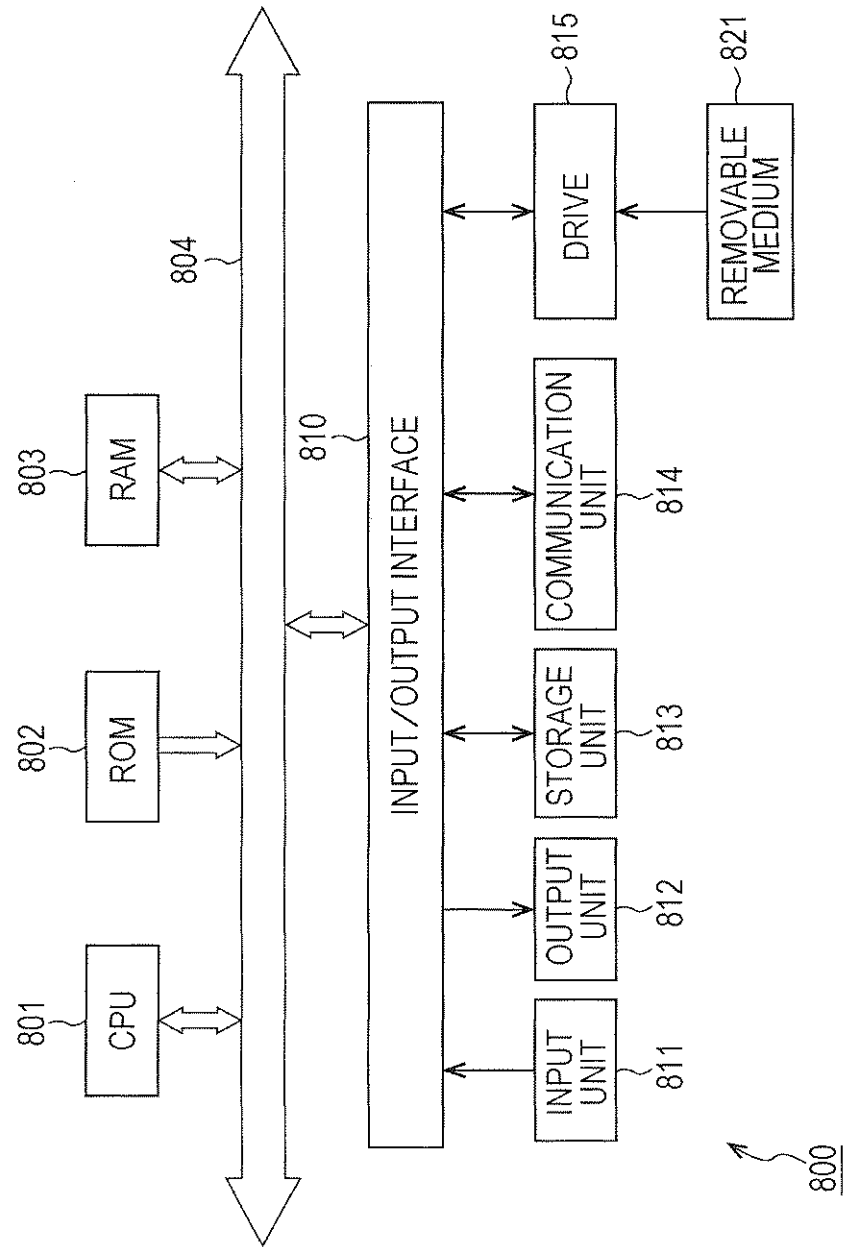


FIG. 28

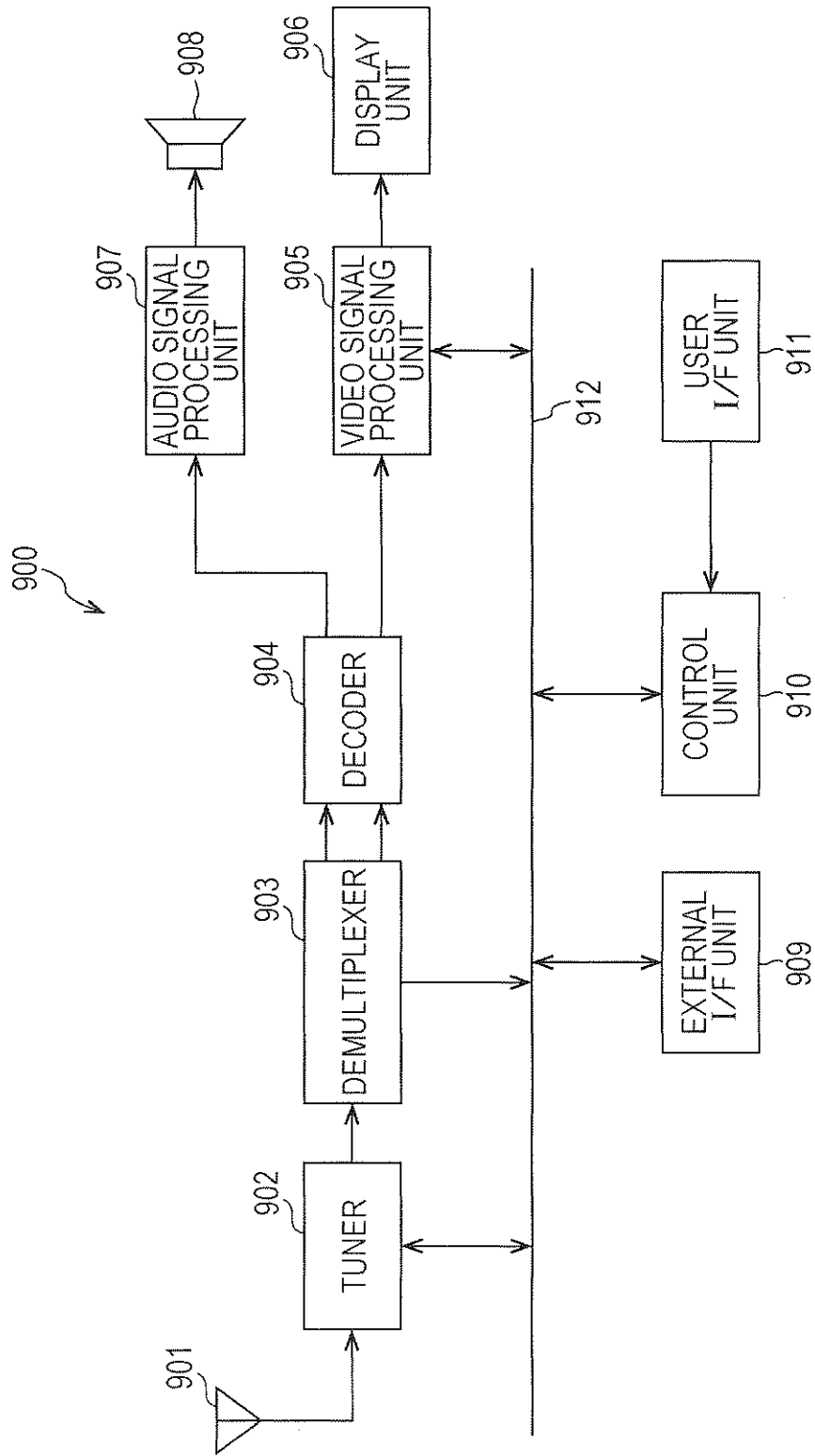


FIG. 29

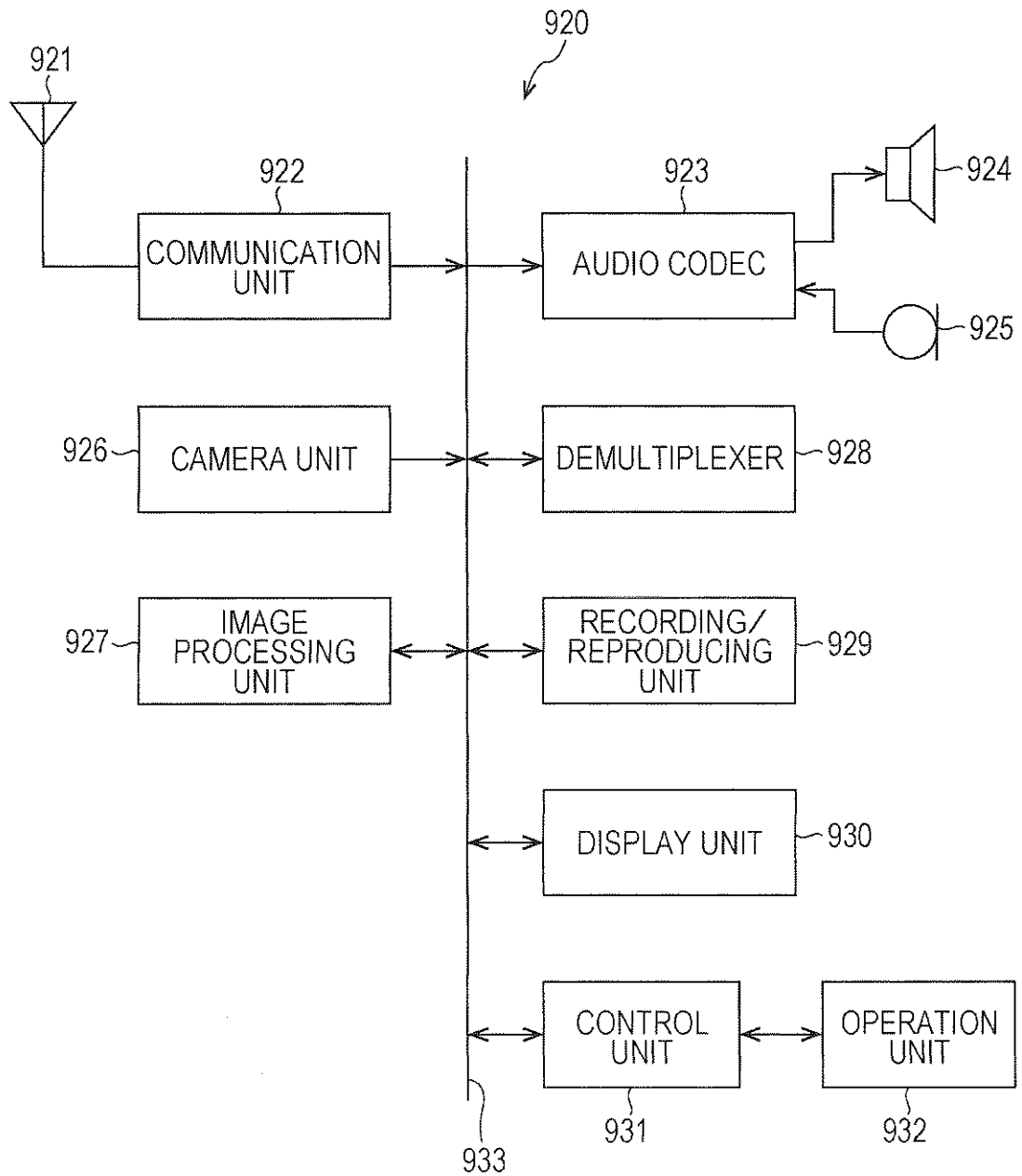


FIG. 30

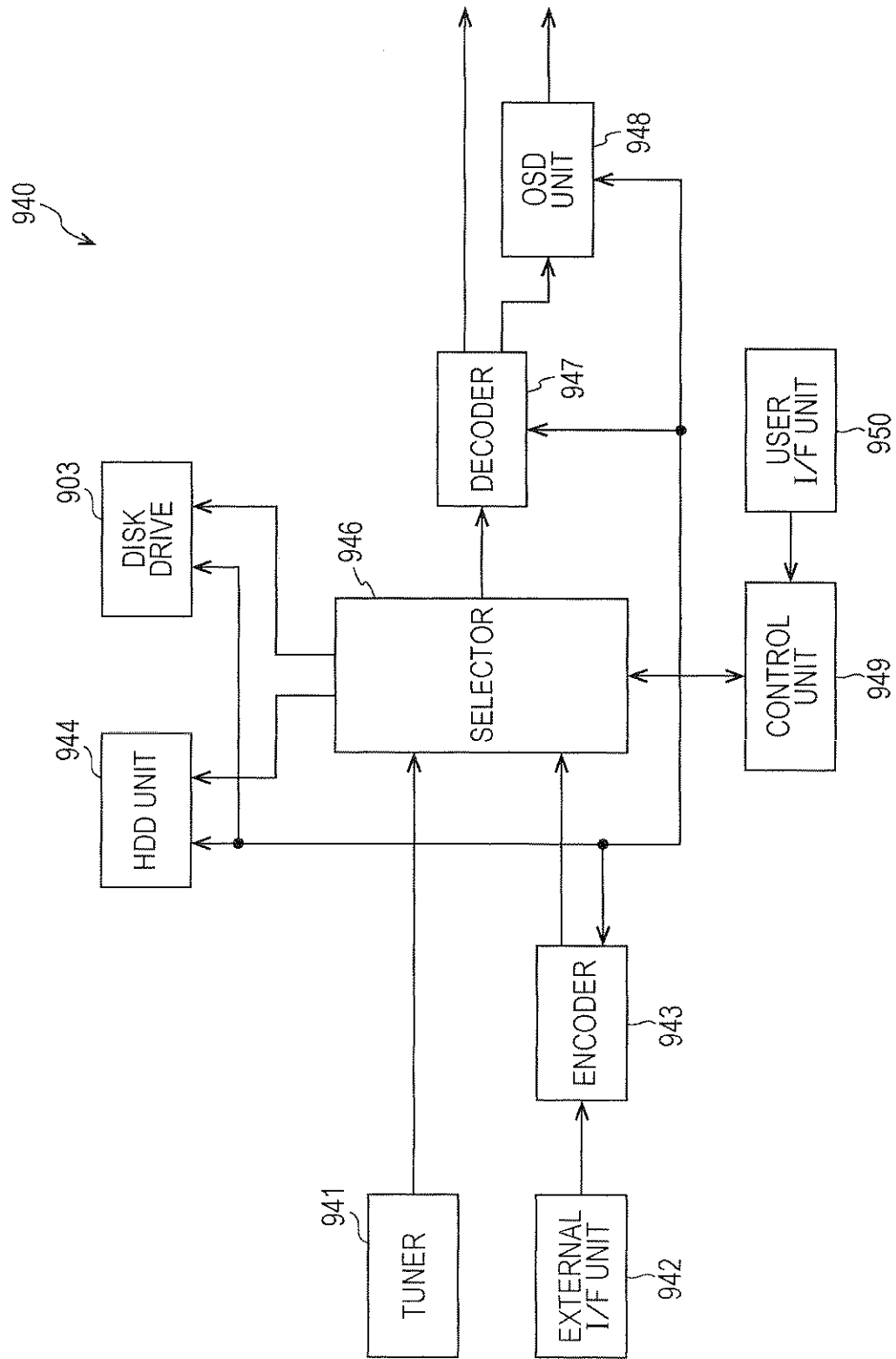


FIG. 31

