

FIG. 1

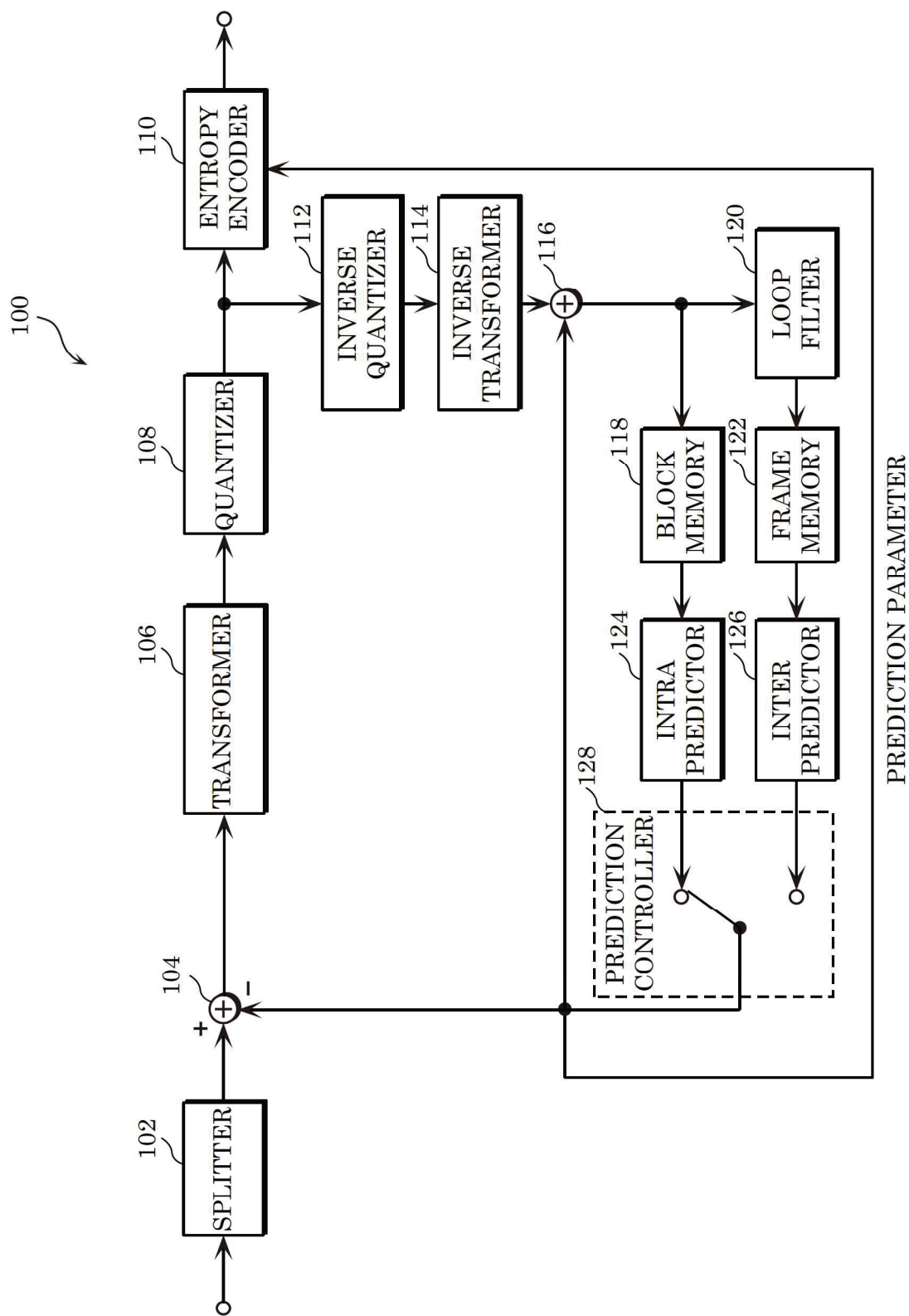


FIG. 2

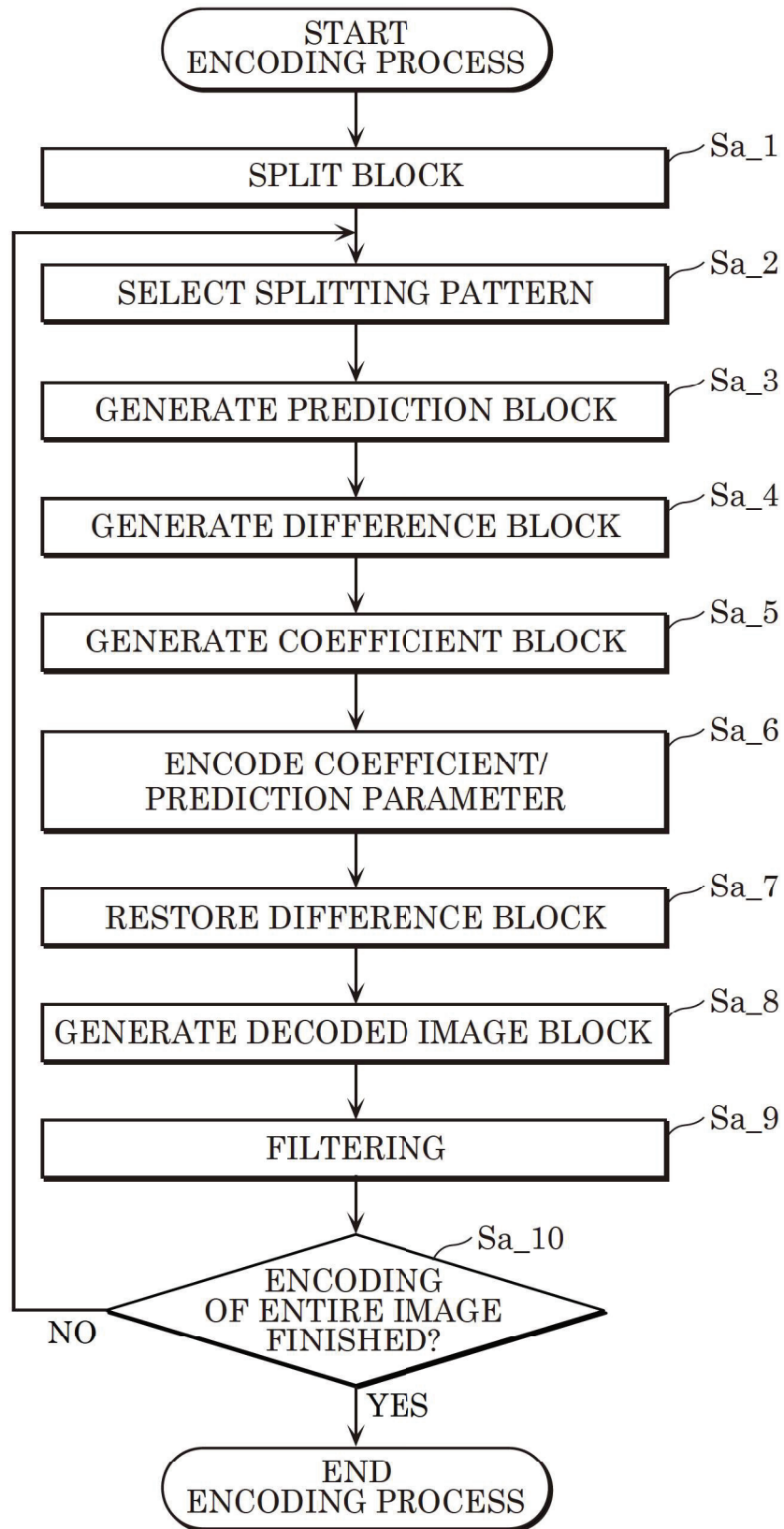


FIG. 3

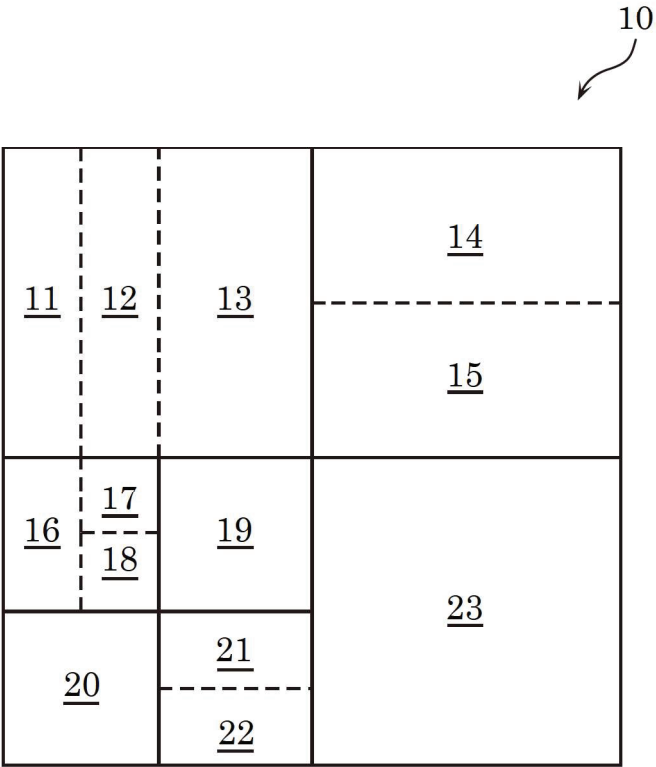


FIG. 4A

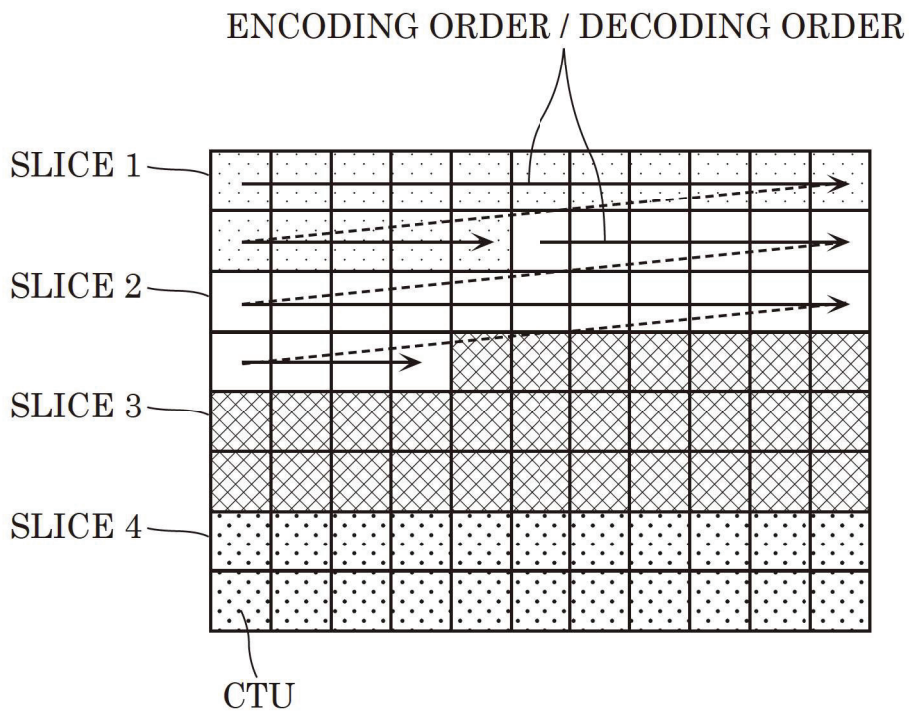


FIG. 4B

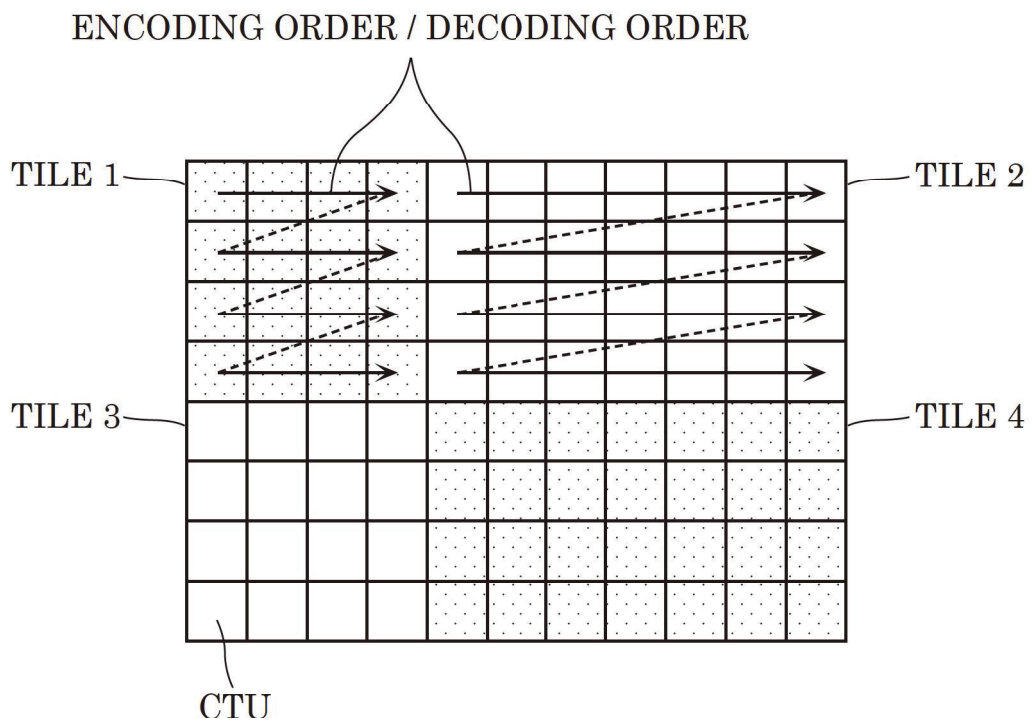


FIG. 5A

TRANSFORM TYPE	BASIS FUNCTION $T_i(j)$, $i, j = 0, 1, \dots, N - 1$
DCT - II	$T_i(j) = \omega_0 \cdot \sqrt{\frac{2}{N}} \cdot \cos \left(\frac{\pi \cdot i \cdot (2j + 1)}{2N} \right)$ $\text{WHERE } \omega_0 = \begin{cases} \sqrt{\frac{2}{N}} & i = 0 \\ 1 & i \neq 0 \end{cases}$
DCT - V	$T_i(j) = \omega_0 \cdot \omega_1 \cdot \sqrt{\frac{2}{2N - 1}} \cdot \cos \left(\frac{2\pi \cdot i \cdot j}{2N - 1} \right)$ $\text{WHERE } \omega_0 = \begin{cases} \sqrt{\frac{2}{N}} & i = 0 \\ 1 & i \neq 0 \end{cases}, \omega_1 = \begin{cases} \sqrt{\frac{2}{N}} & j = 0 \\ 1 & j \neq 0 \end{cases}$
DCT - VIII	$T_i(j) = \sqrt{\frac{4}{2N + 1}} \cdot \cos \left(\frac{\pi \cdot (2i + 1) \cdot (2j + 1)}{4N + 2} \right)$
DST - I	$T_i(j) = \sqrt{\frac{2}{N + 1}} \cdot \sin \left(\frac{\pi \cdot (i + 1) \cdot (j + 1)}{N + 1} \right)$
DST - VII	$T_i(j) = \sqrt{\frac{4}{2N + 1}} \cdot \sin \left(\frac{\pi \cdot (2i + 1) \cdot (j + 1)}{2N + 1} \right)$

FIG. 5B

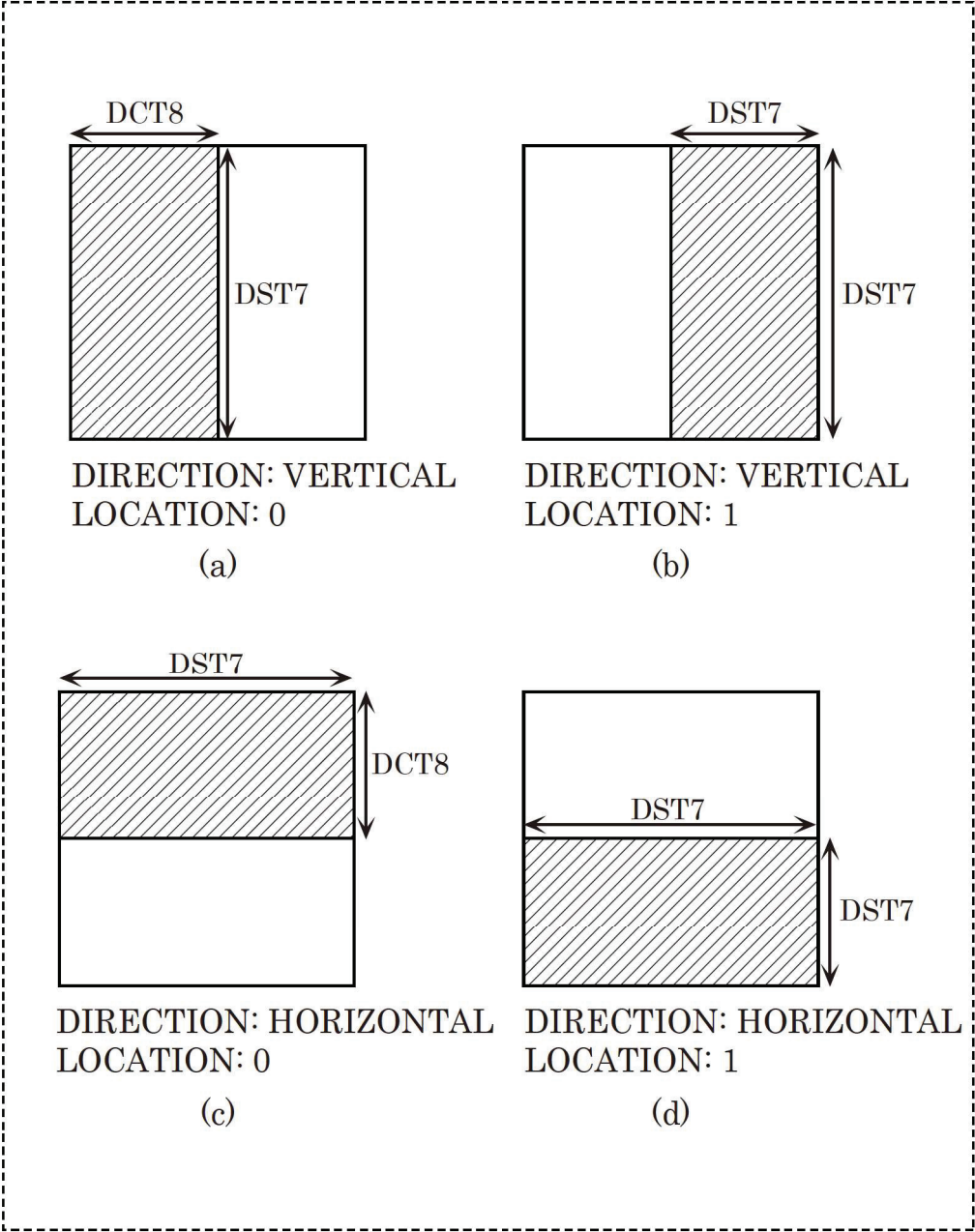


FIG. 6A

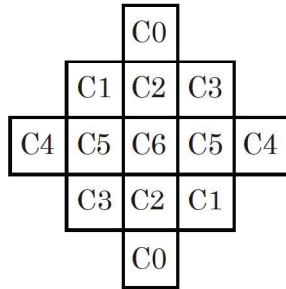


FIG. 6B

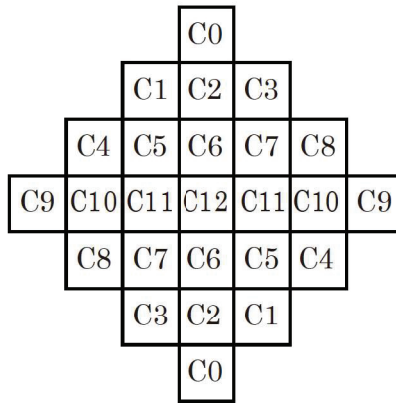


FIG. 6C

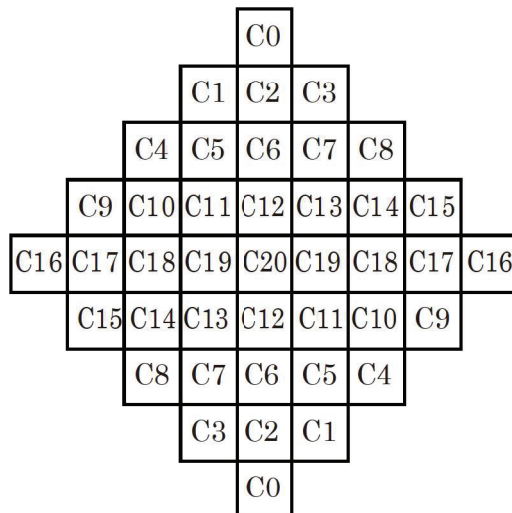


FIG. 7

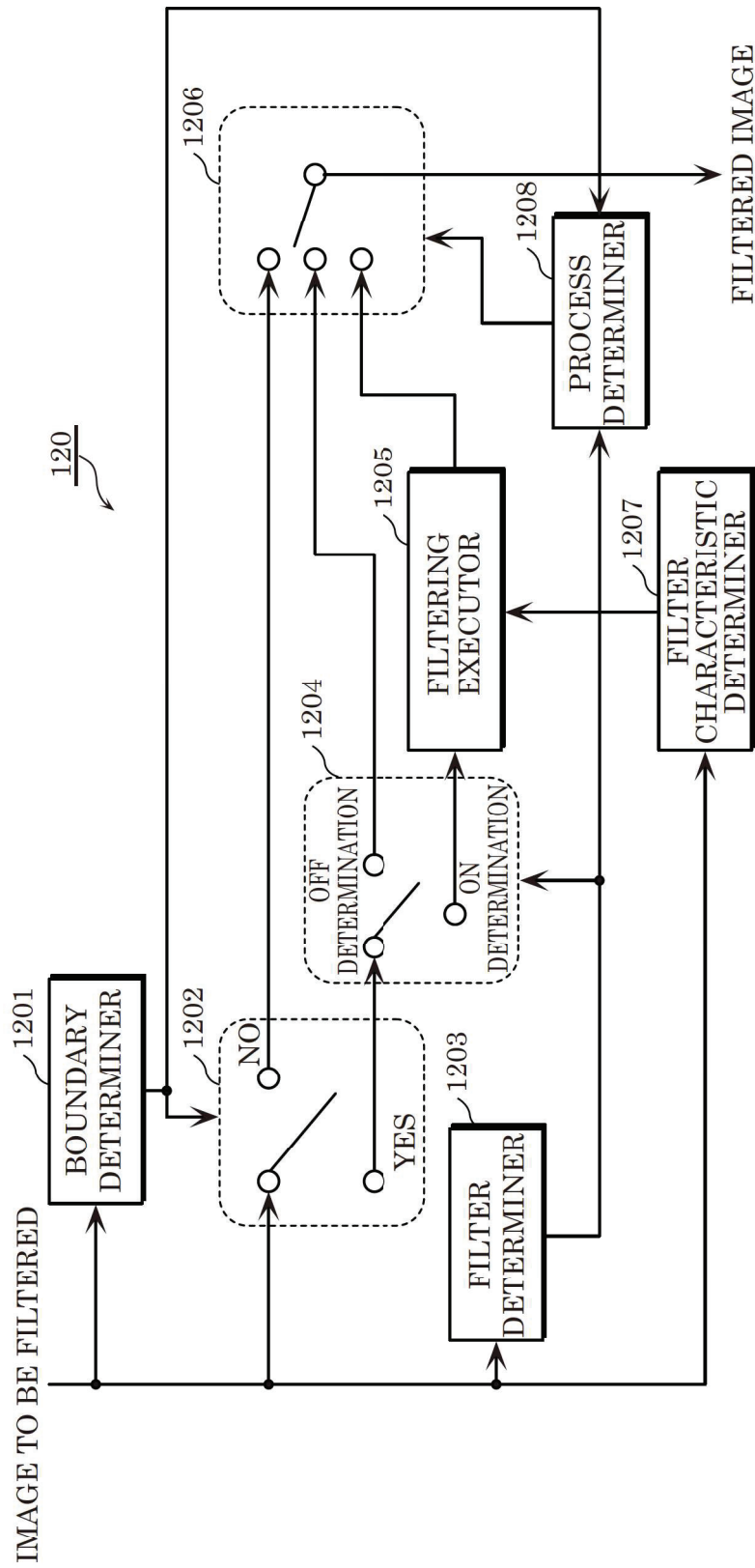


FIG. 8

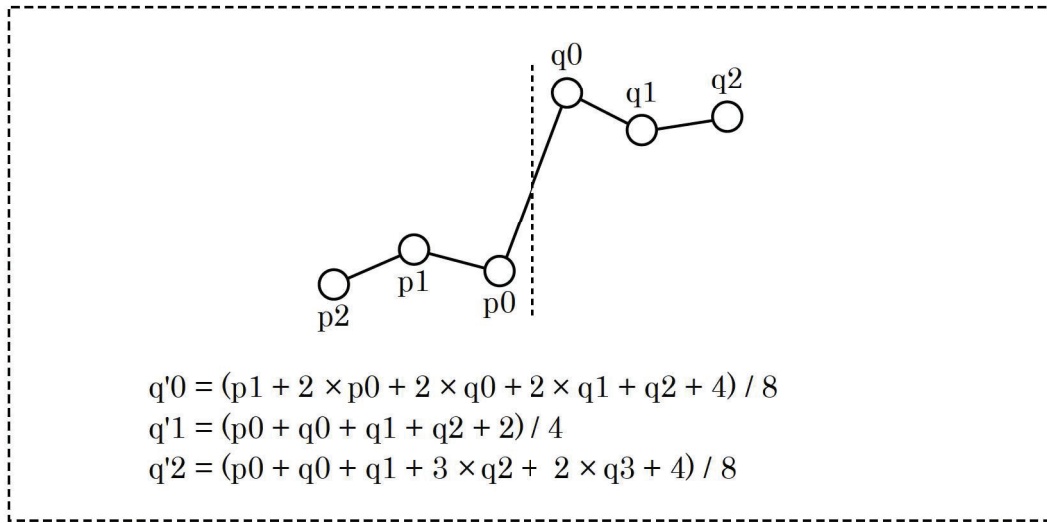


FIG. 9

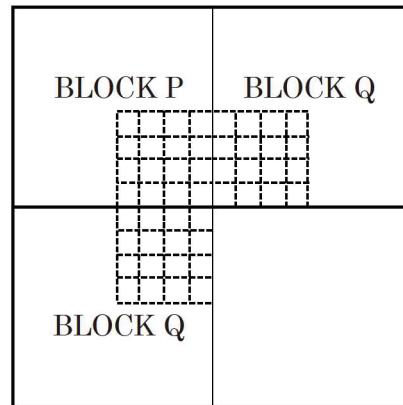


FIG. 10

CONDITIONS FOR BLOCKS P AND Q LOCATED ACROSS BOUNDARY FOR WHICH B _s VALUE IS TO BE DETERMINED	B _s VALUES
- AT LEAST ONE OF THE BLOCKS IS INTRA PREDICTION BLOCK	2
- AT LEAST ONE OF THE BLOCKS INCLUDES NON-ZERO TRANSFORM COEFFICIENT AND HAS A SIDE WHICH COINCIDES WITH TU BOUNDARY	1
- ABSOLUTE VALUE OF DIFFERENCE BETWEEN MOTION VECTORS OF THE TWO BLOCKS ACROSS BOUNDARY CORRESPONDS TO ONE OR MORE PIXELS	1
- REFERENCE IMAGES FOR MOTION COMPENSATION OF THE TWO BLOCKS ACROSS BOUNDARY OR THE NUMBERS OF MOTION VECTORS OF THE TWO BLOCKS ARE DIFFERENT	1
- THE OTHERS	0

FIG. 11

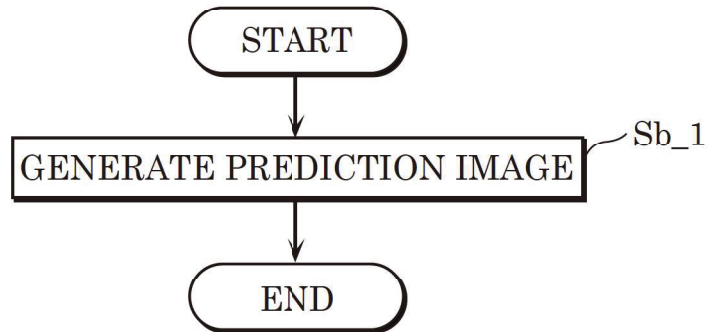


FIG. 12

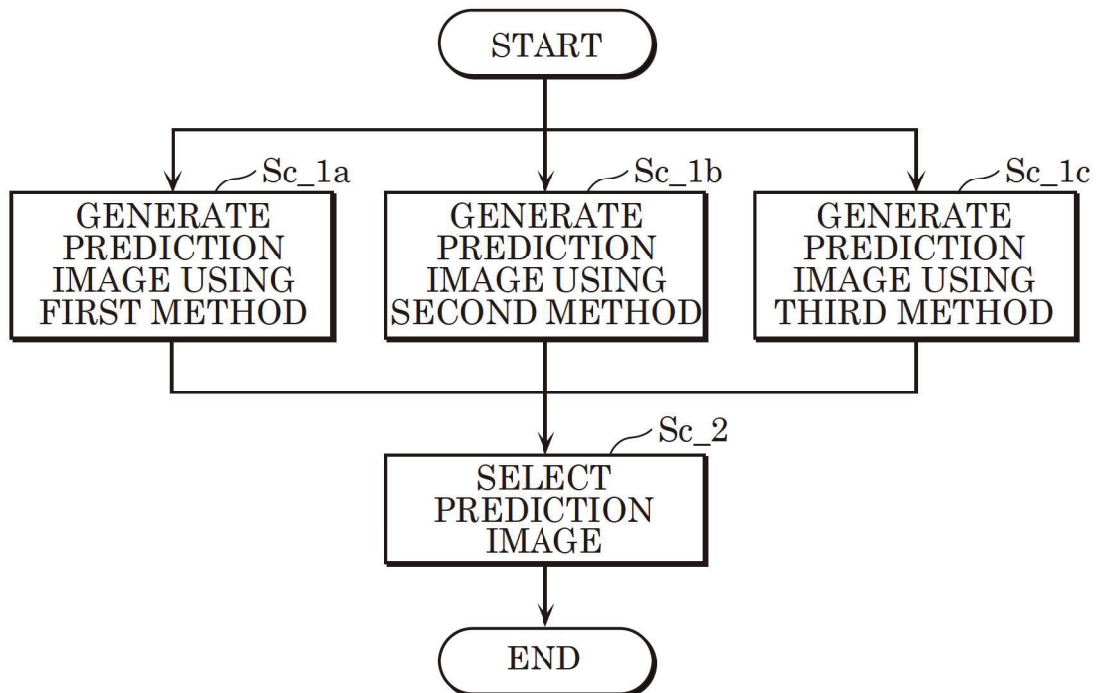


FIG. 13

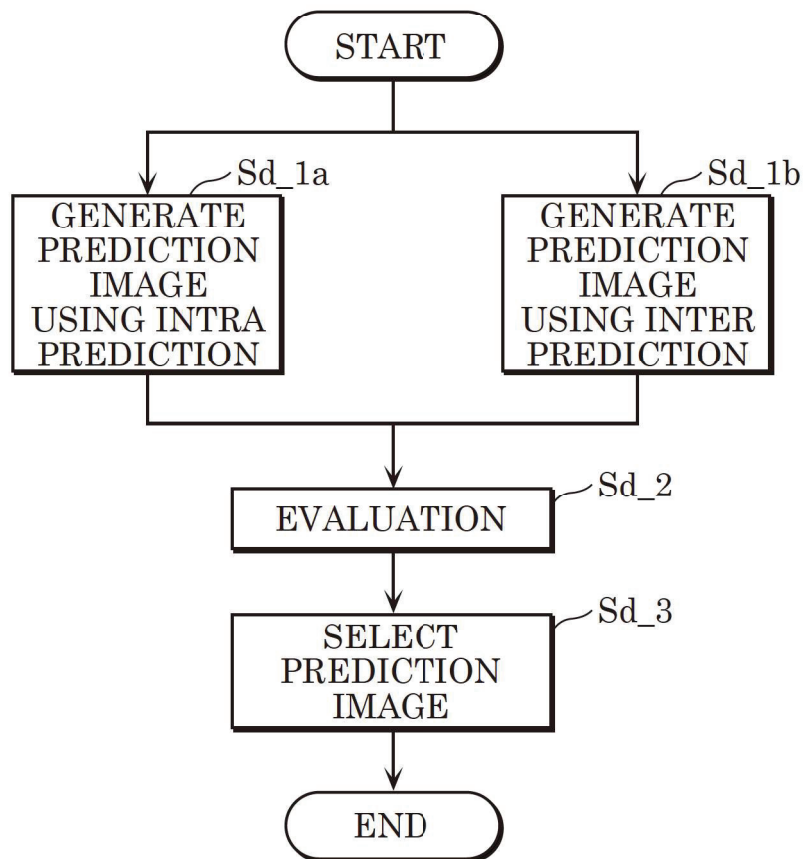


FIG. 14

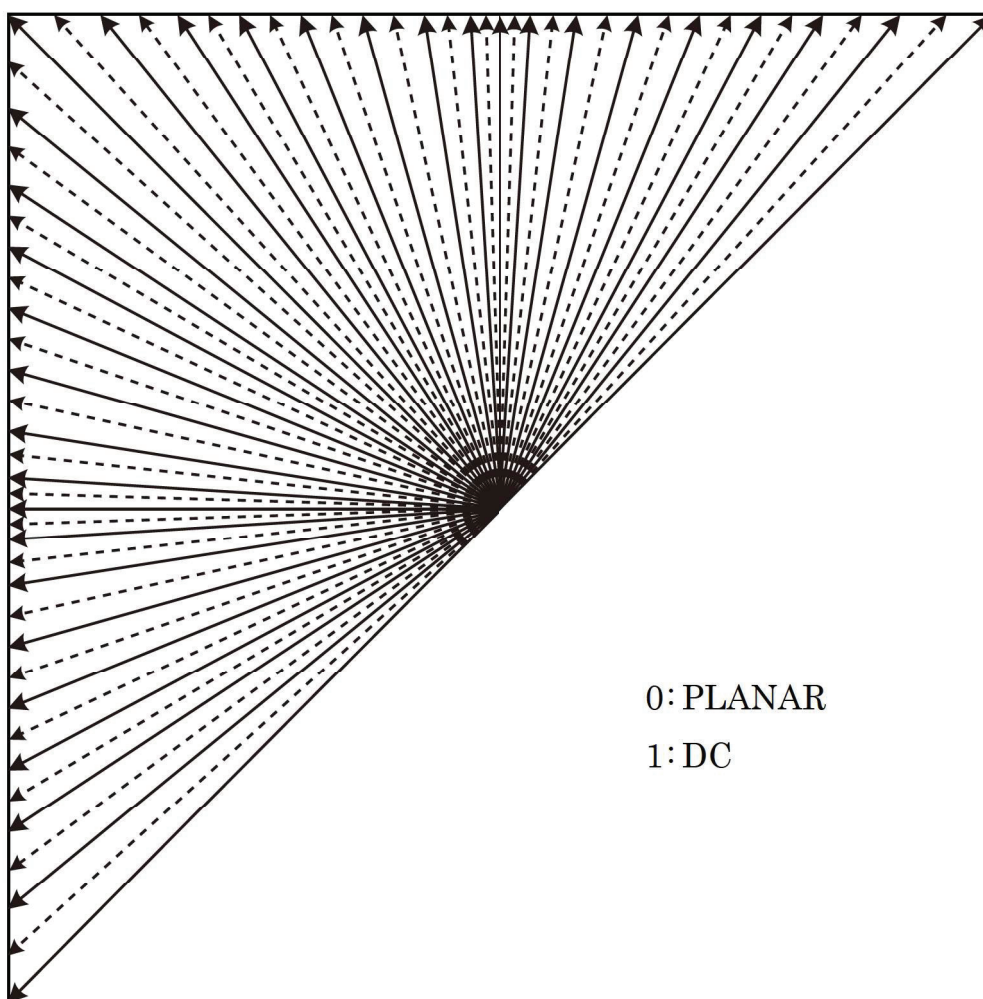


FIG. 15

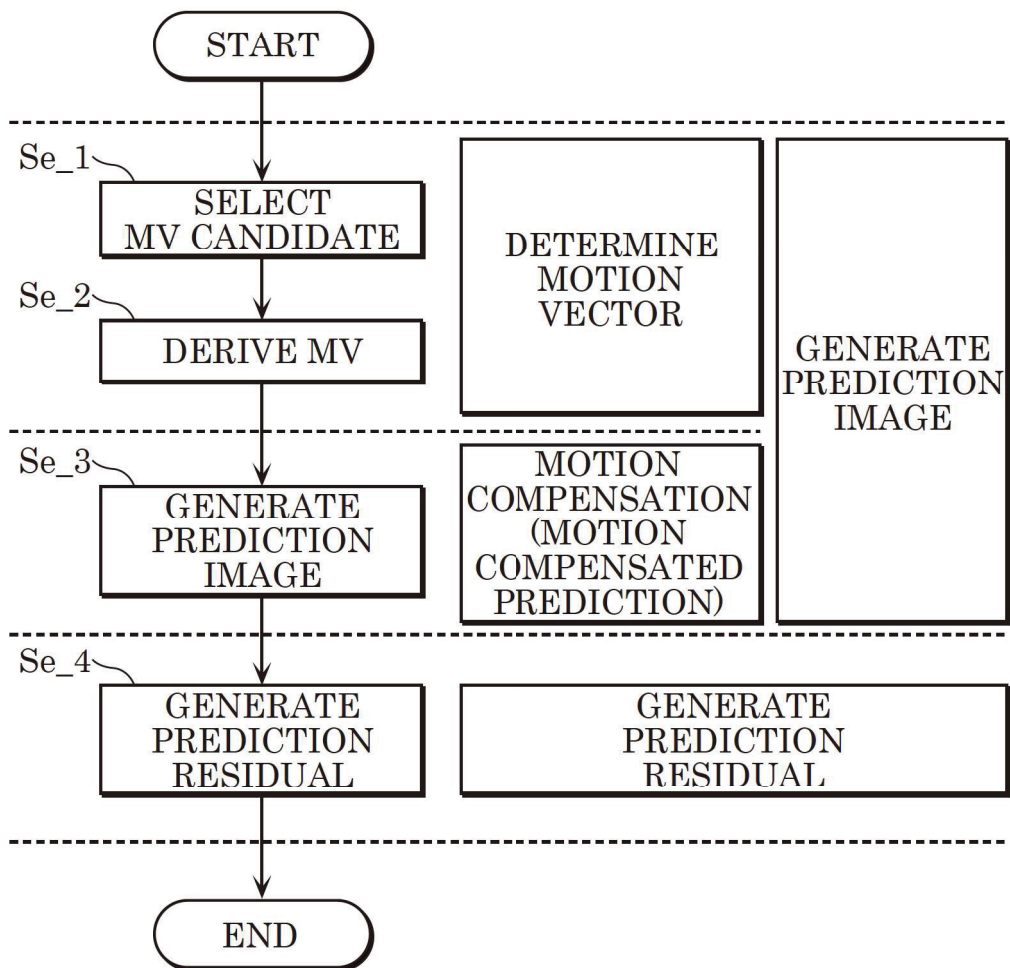


FIG. 16

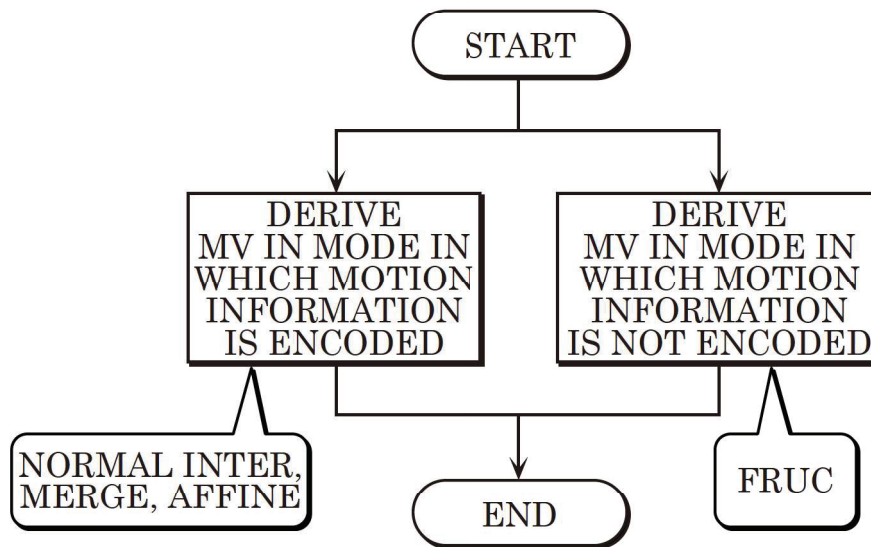


FIG. 17

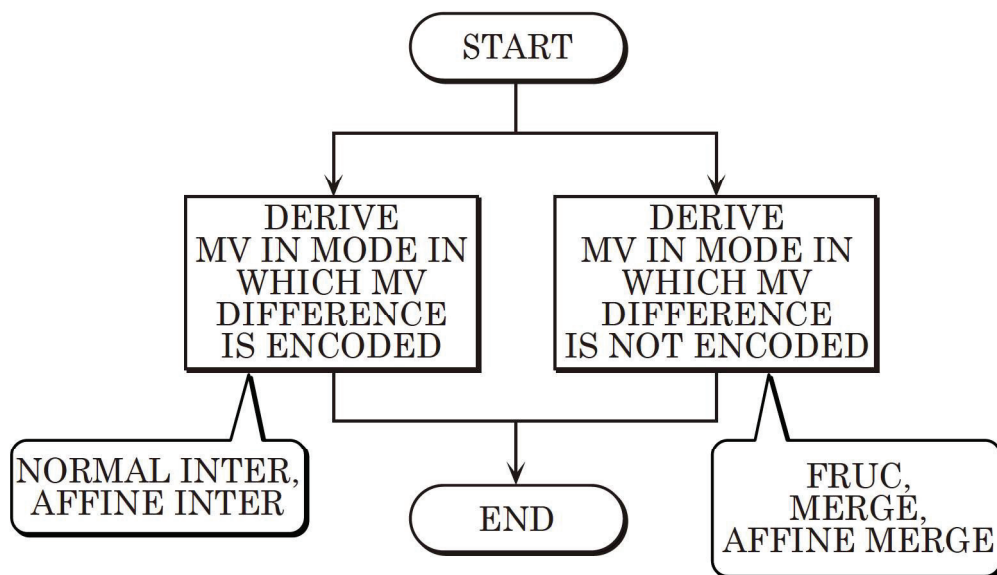


FIG. 18

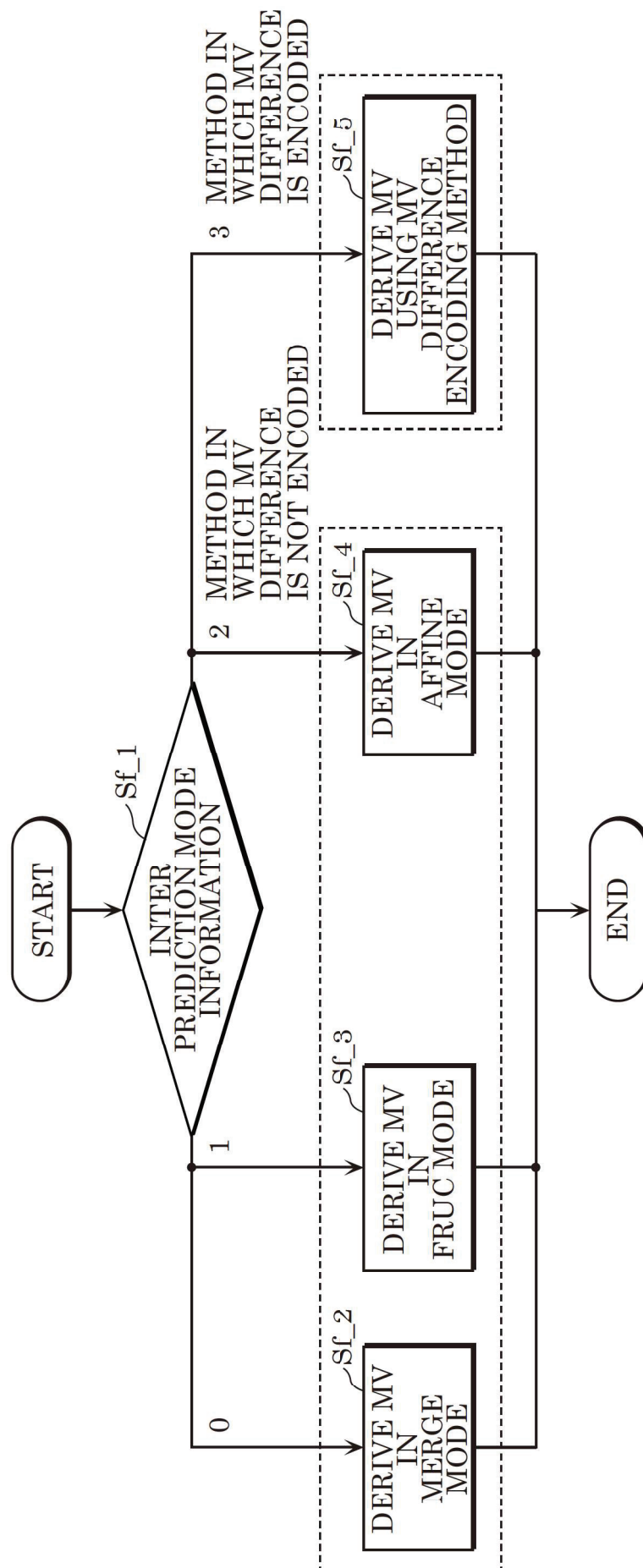


FIG. 19

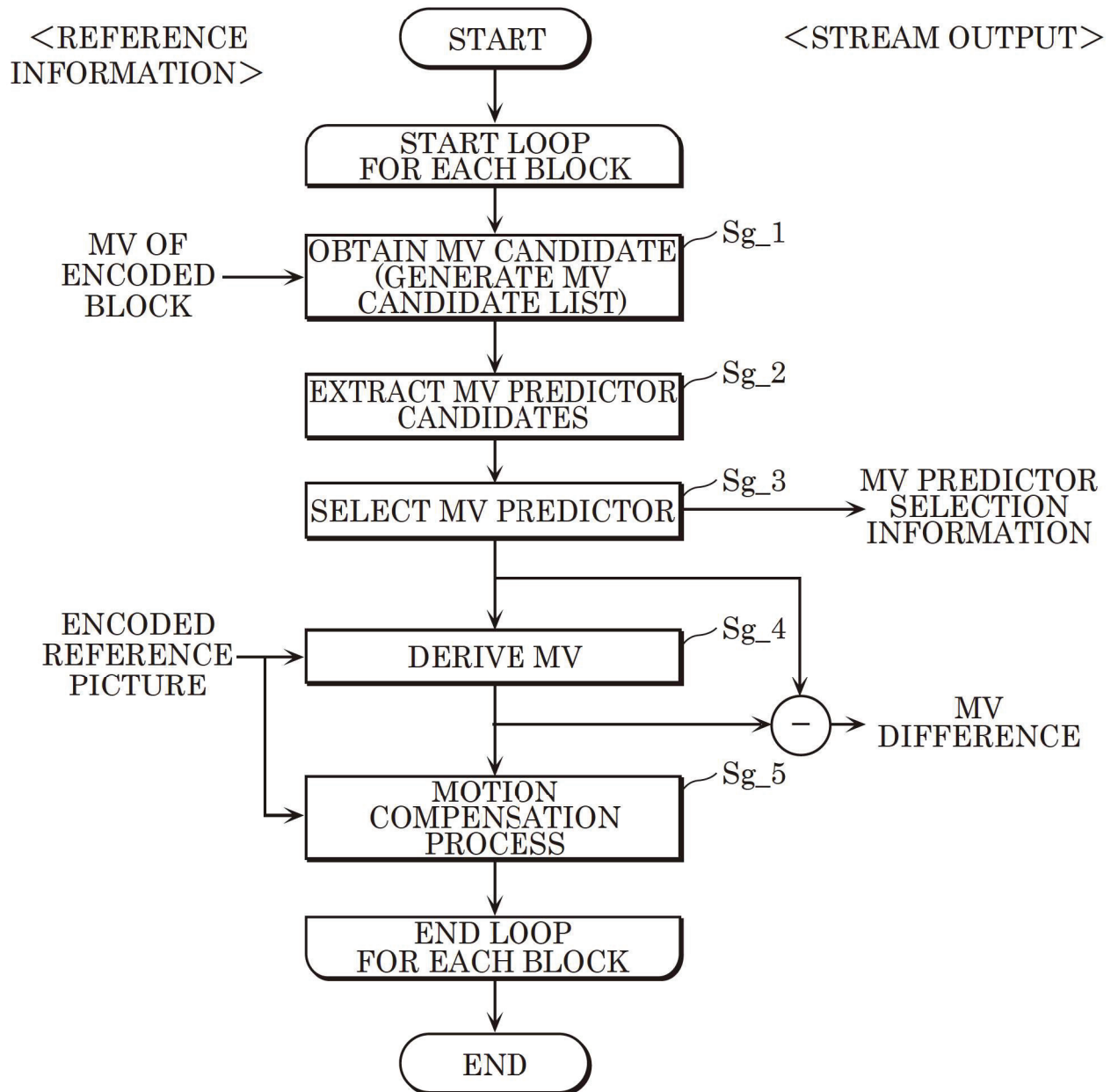


FIG. 20

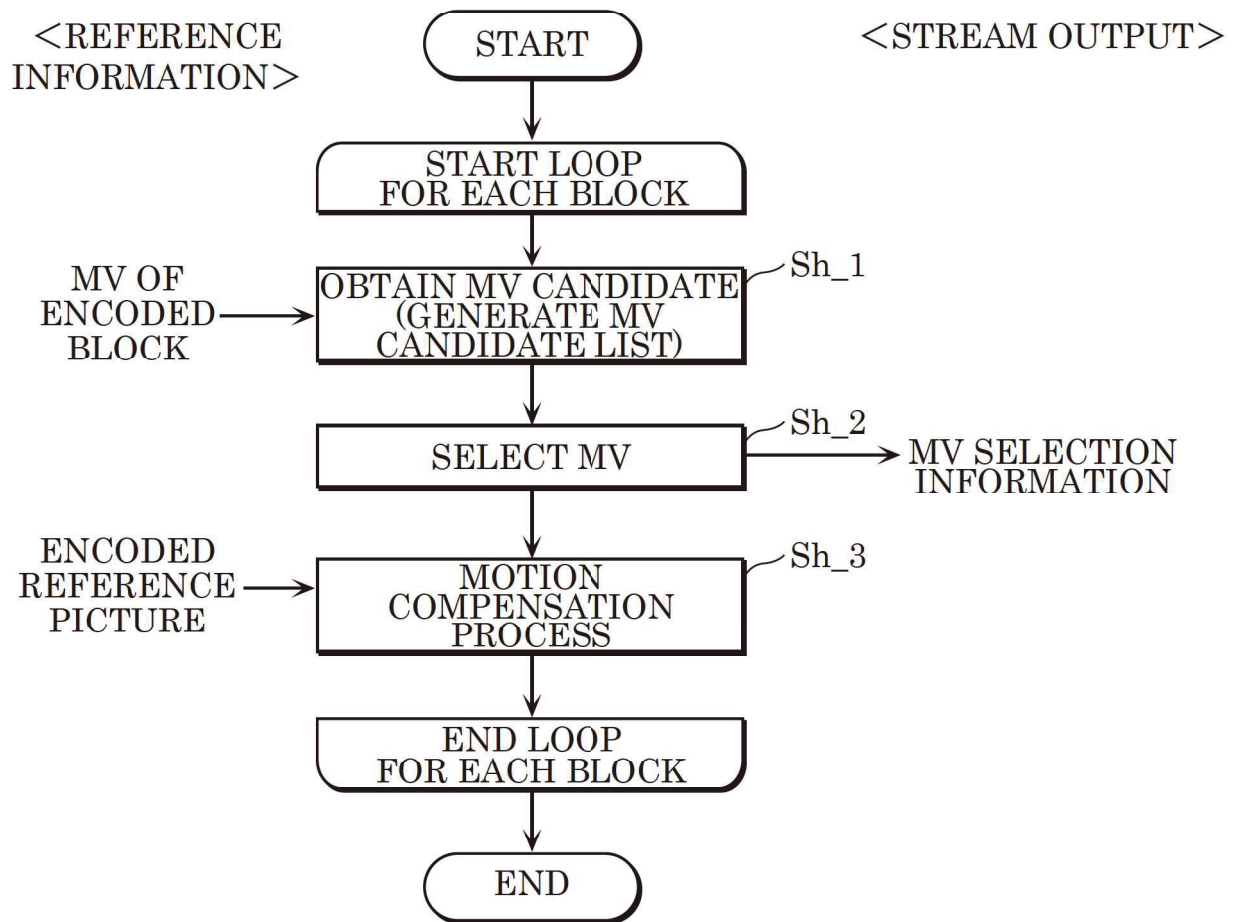


FIG. 21

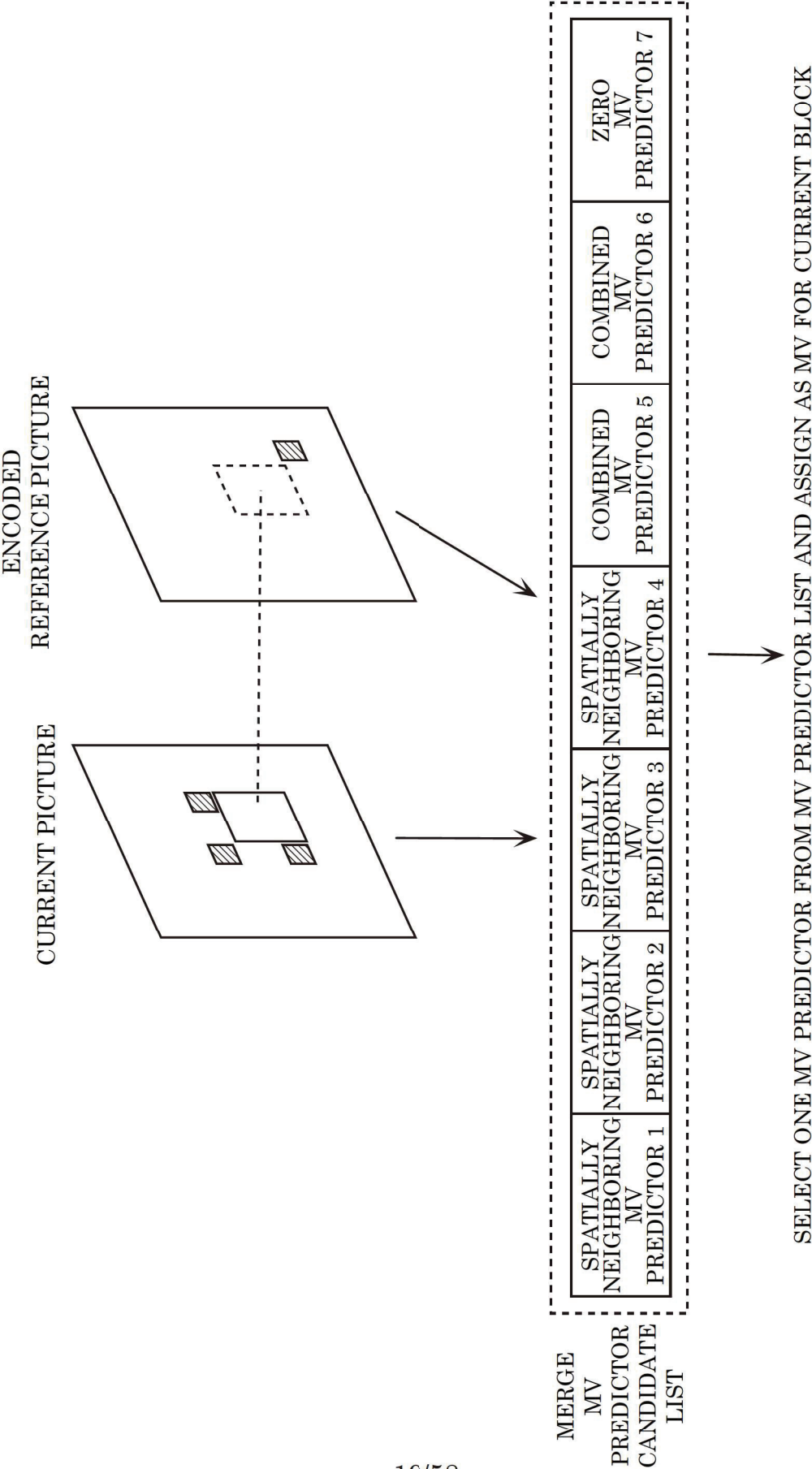


FIG. 22

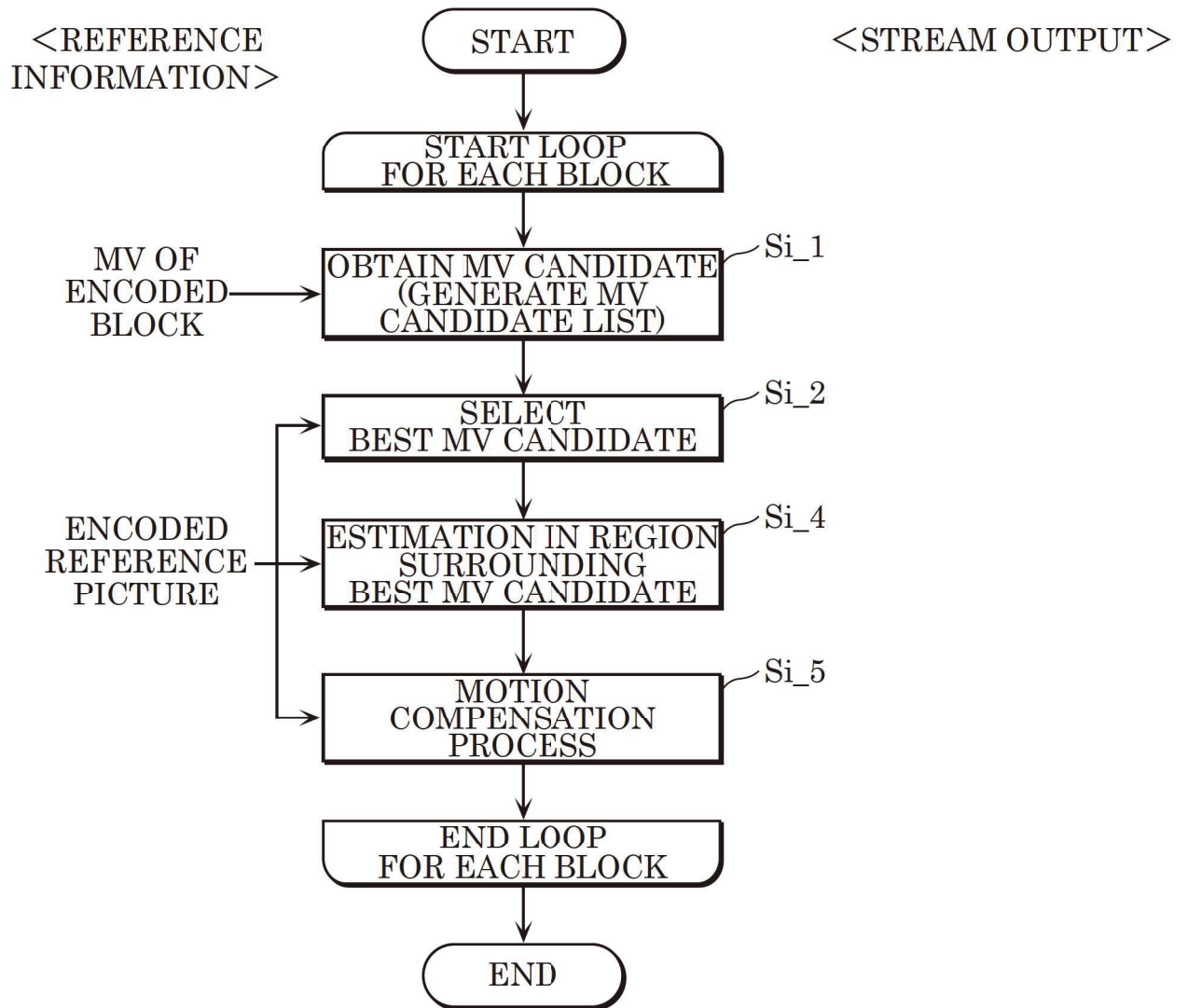


FIG. 23

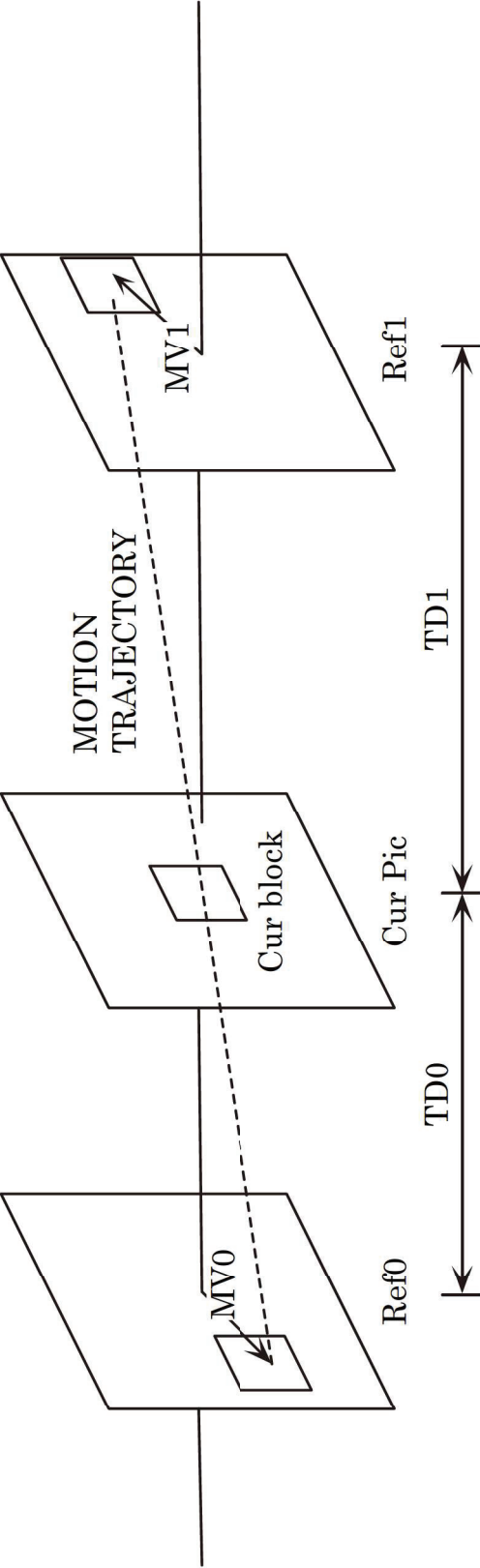


FIG. 24

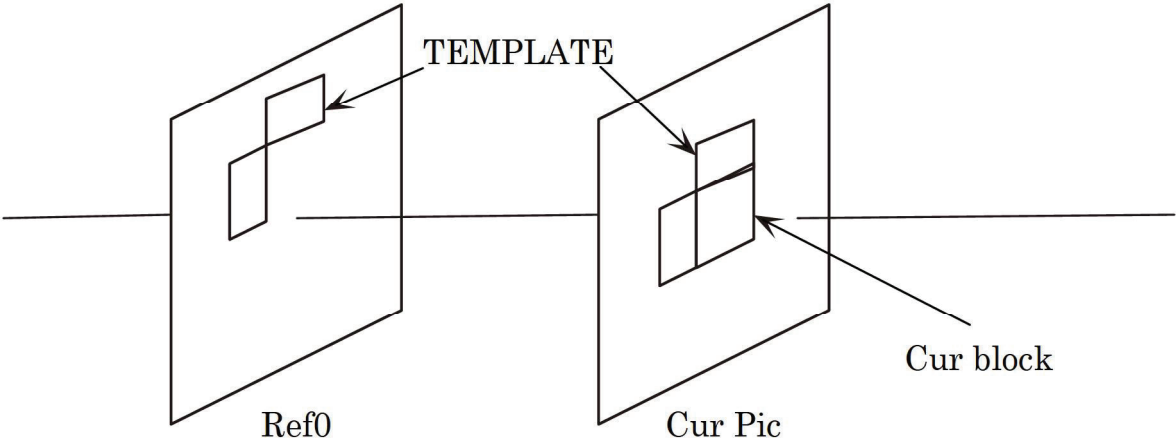


FIG. 25A

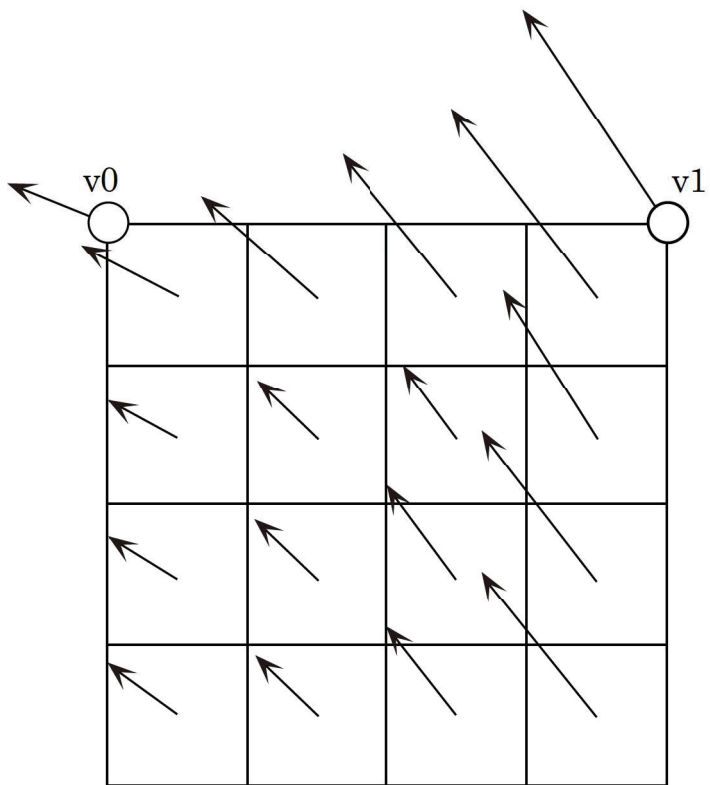


FIG. 25B

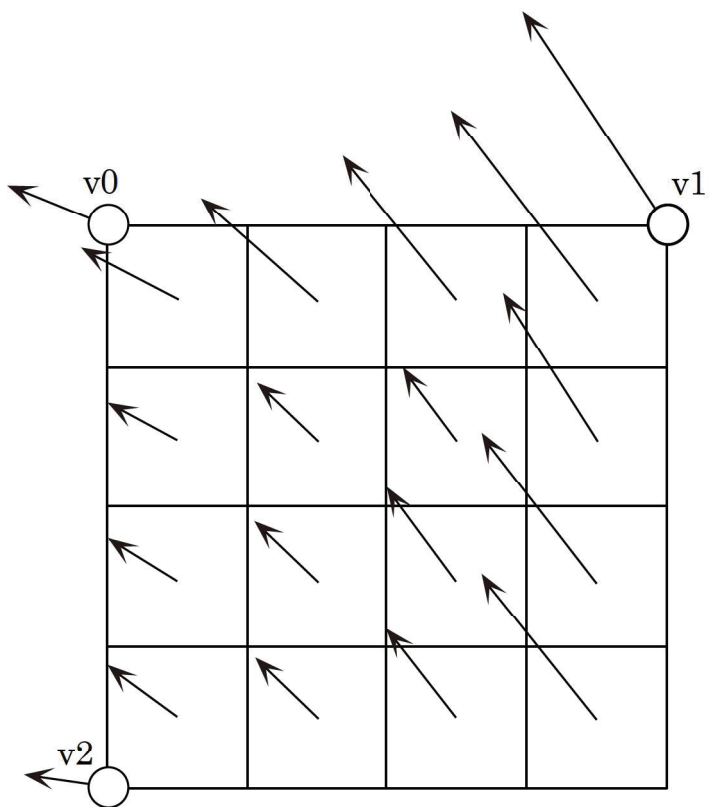


FIG. 26A

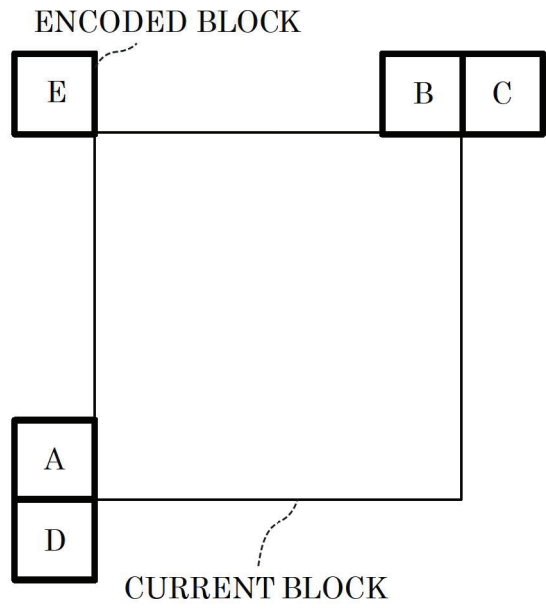


FIG. 26B

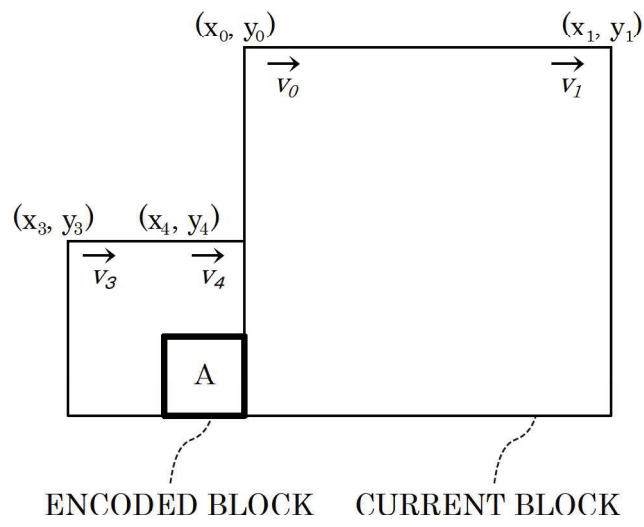


FIG. 26C

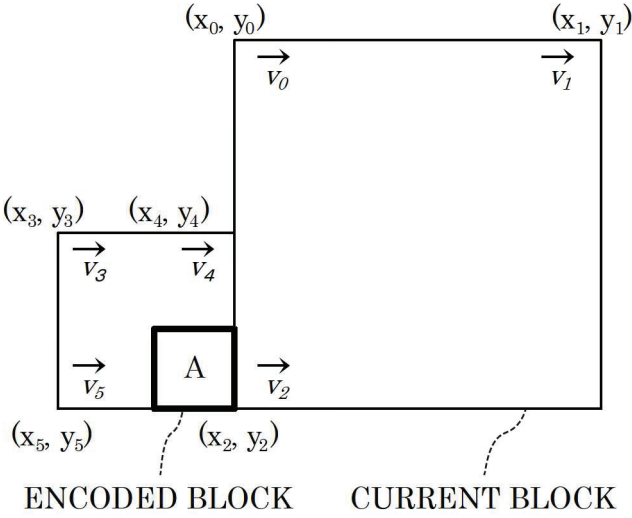


FIG. 27

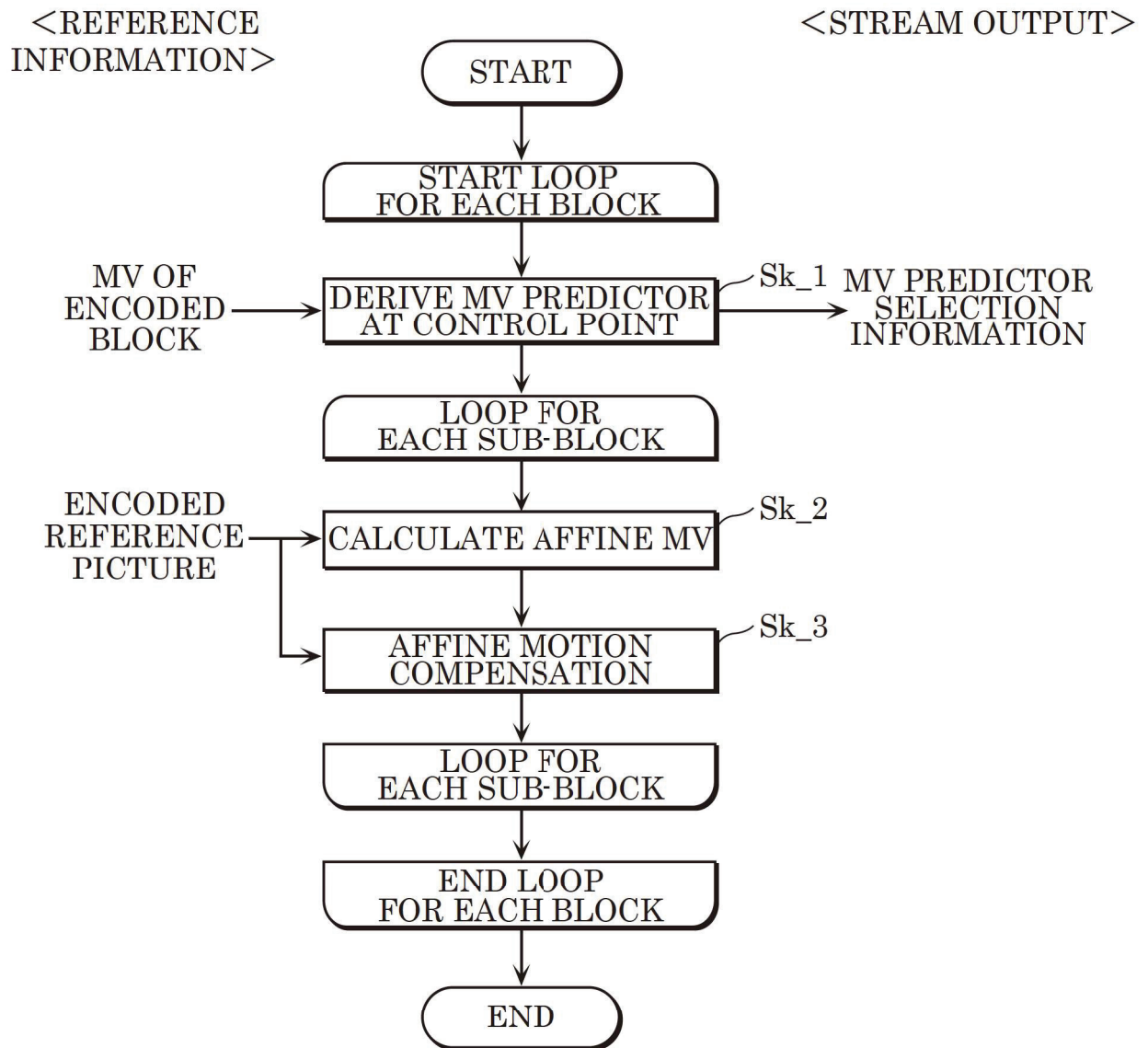


FIG. 28A

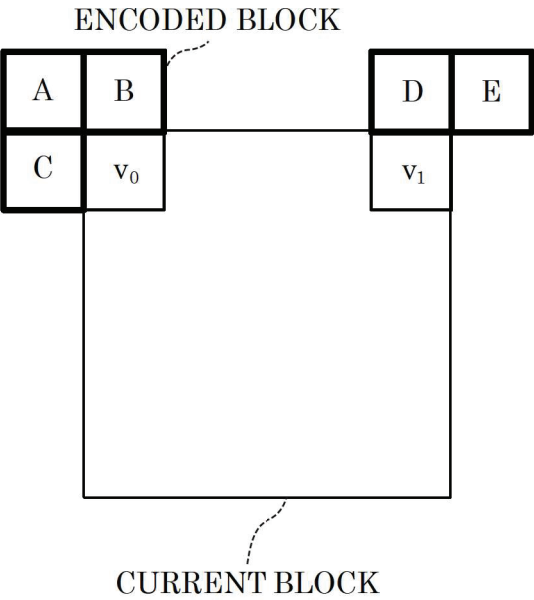


FIG. 28B

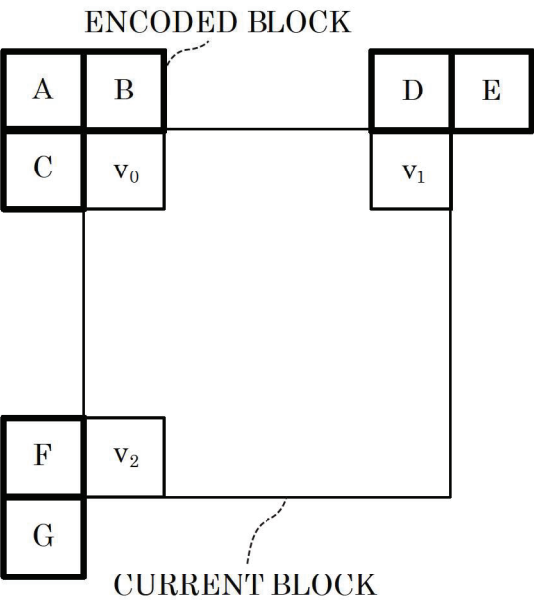


FIG. 29

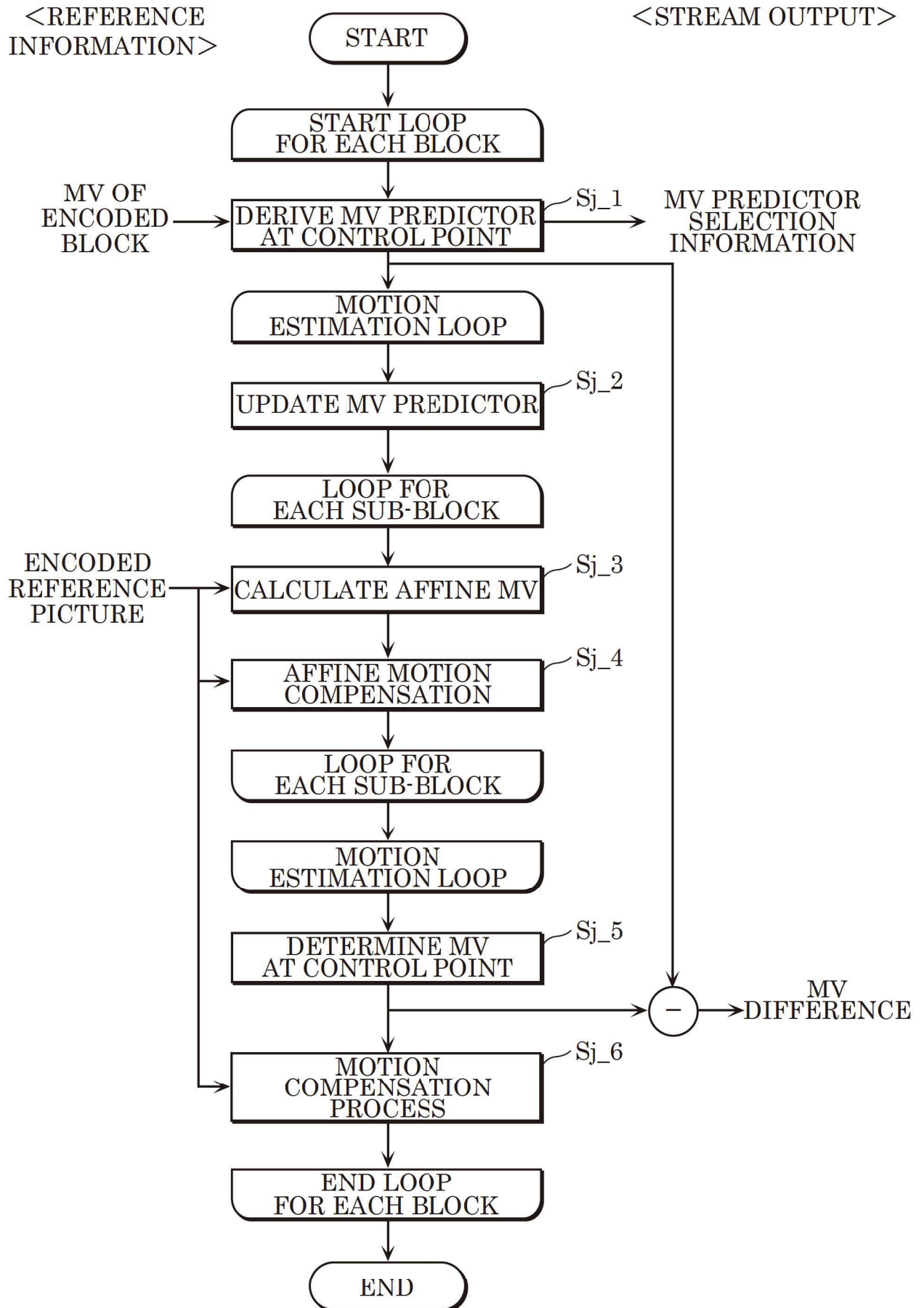


FIG. 30A

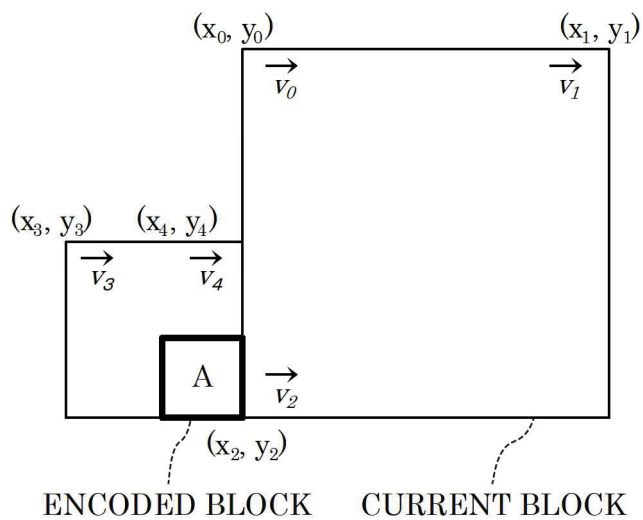


FIG. 30B

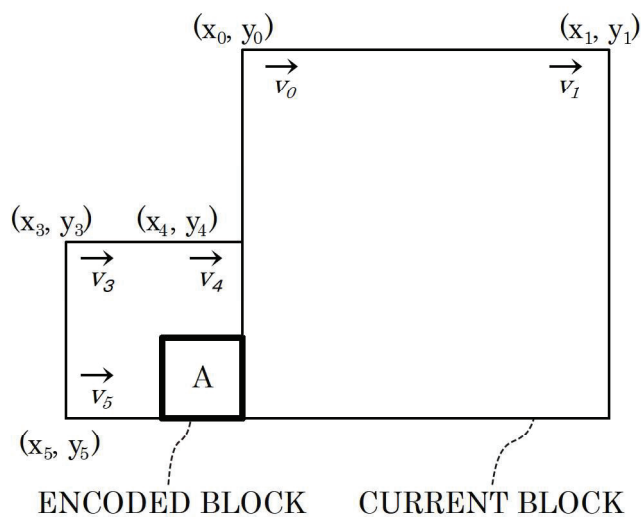


FIG. 31A

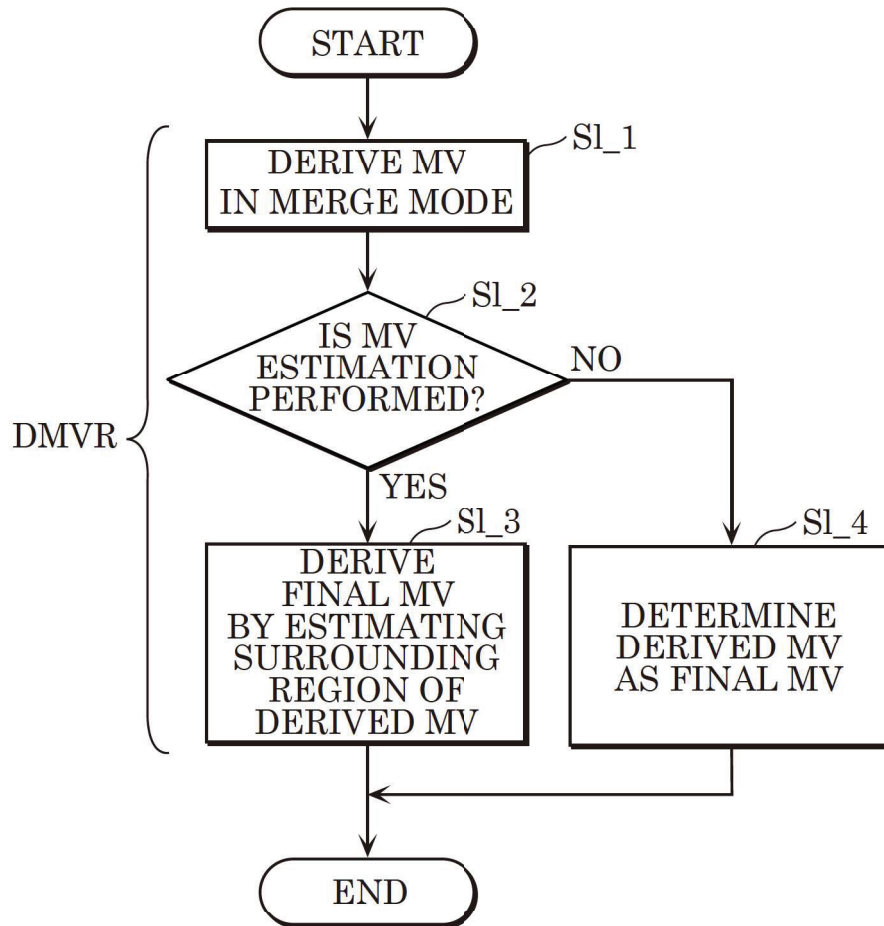


FIG. 31B

TEMPLATE GENERATED BASED ON REFERENCE PIXEL OF
MV CANDIDATE (L0) AND REFERENCE PIXEL OF MV CANDIDATE (L1)

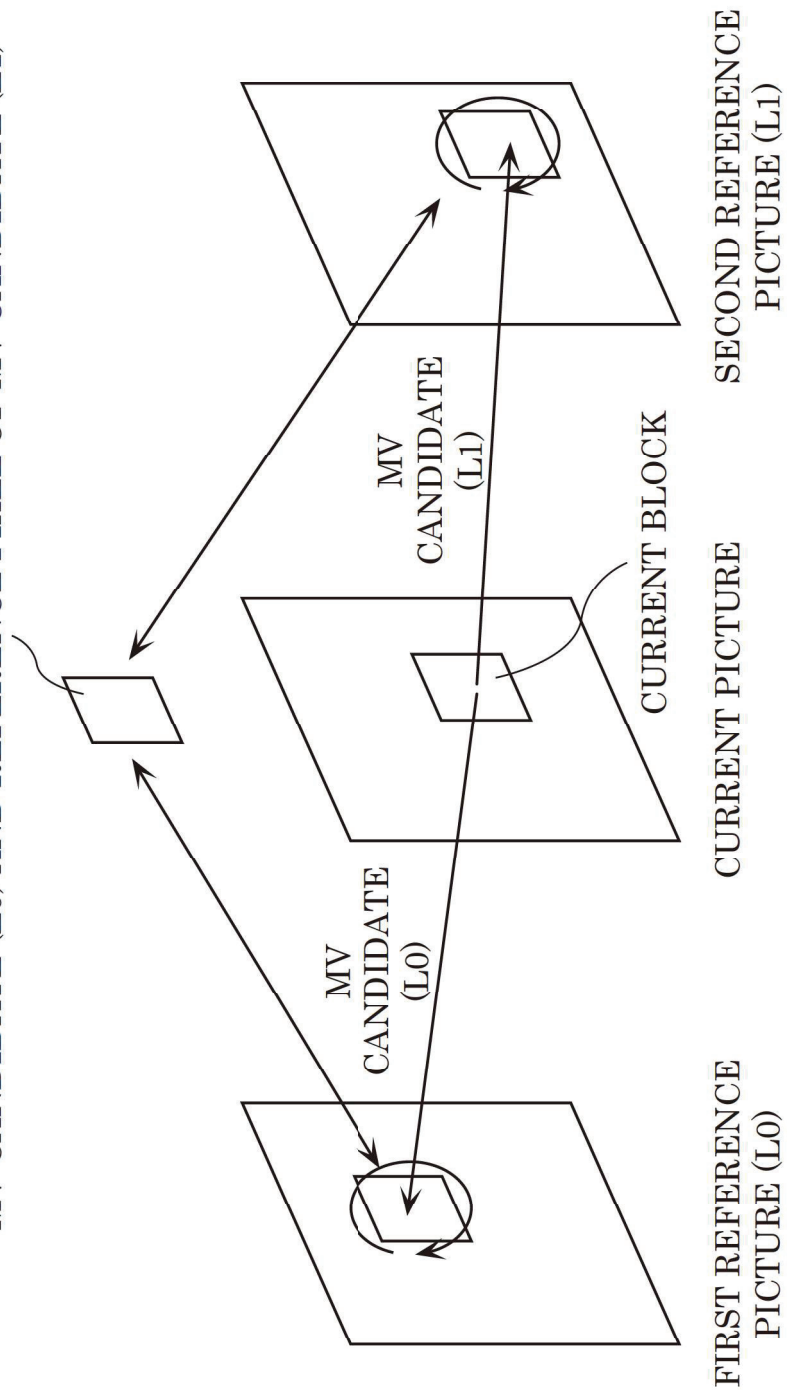


FIG. 32

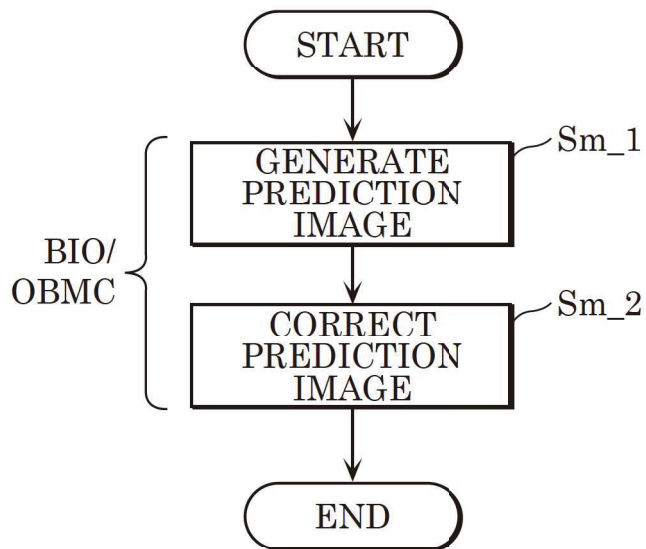


FIG. 33

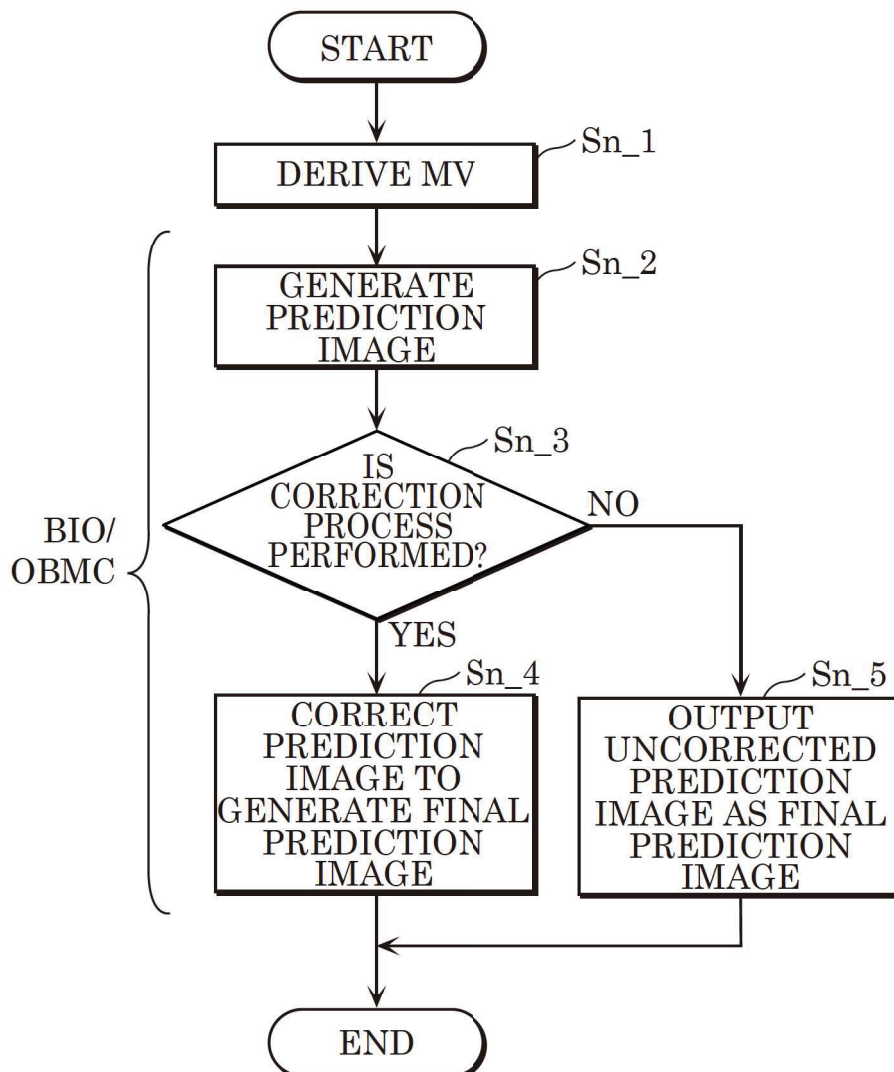


FIG. 34

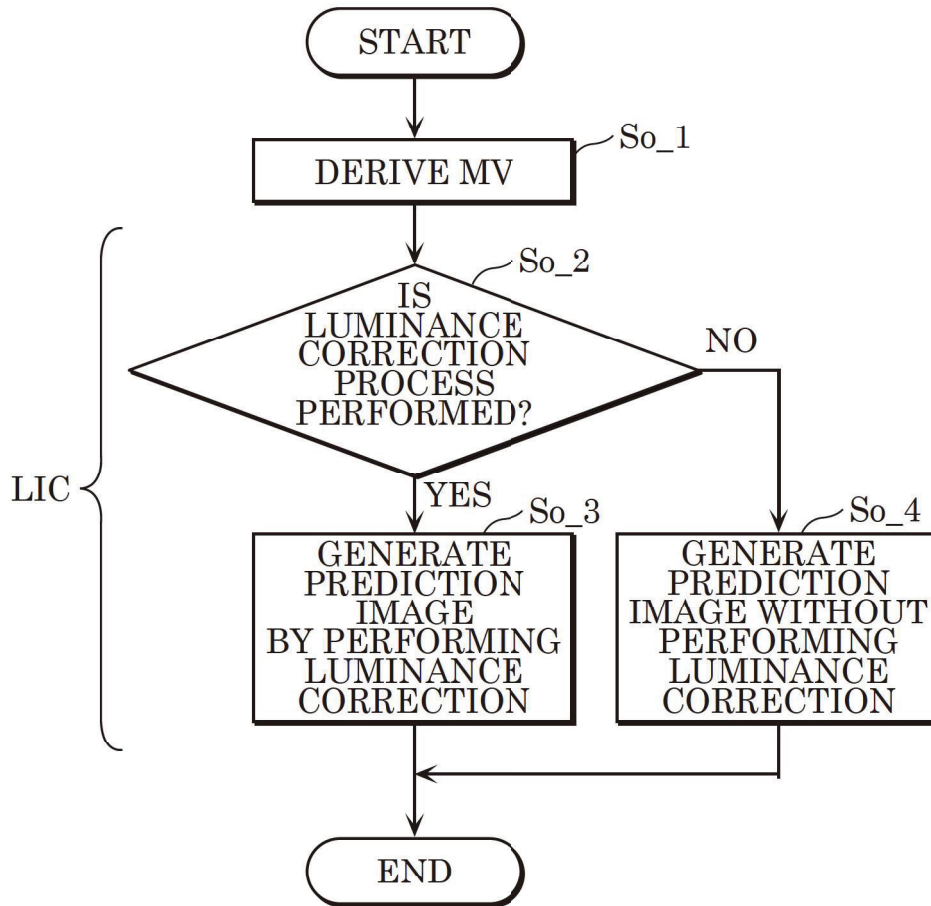


FIG. 35

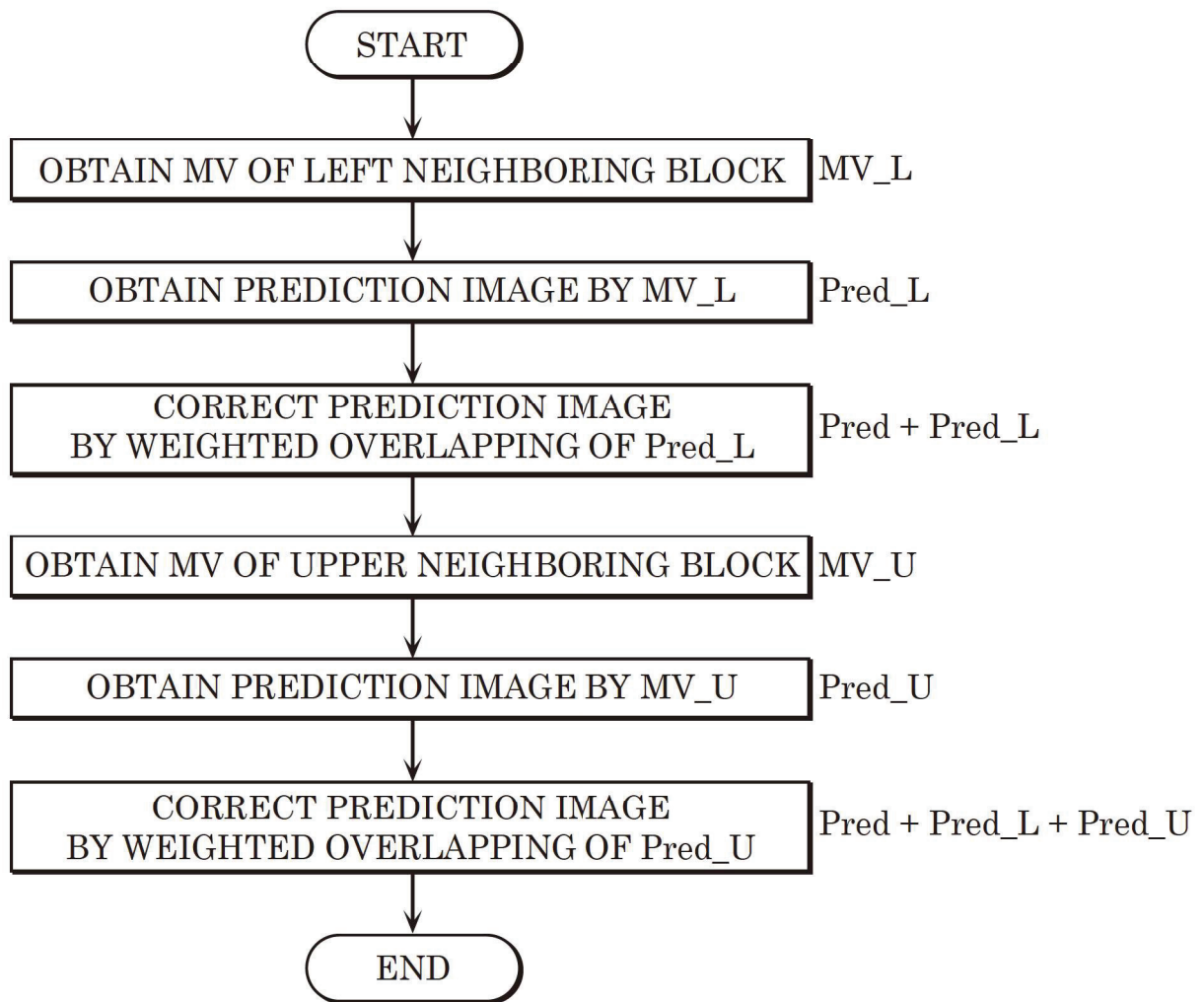


FIG. 36

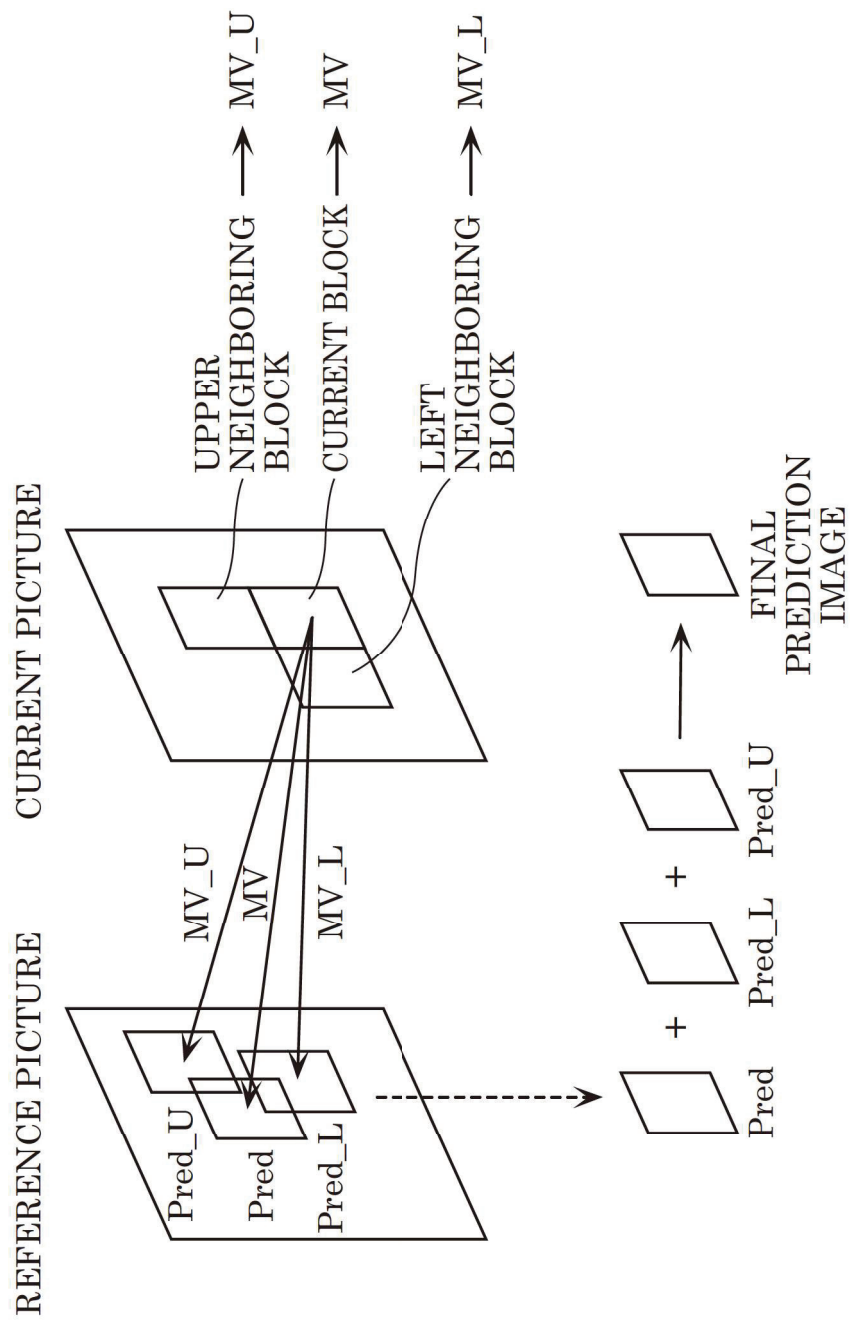


FIG. 37

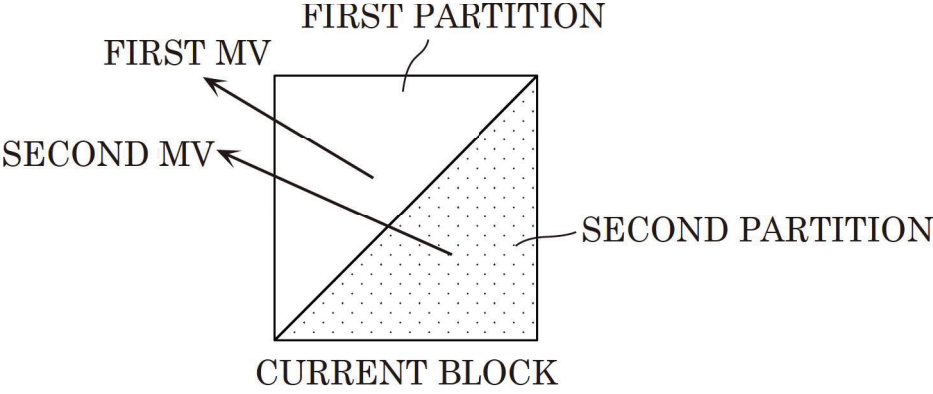


FIG. 38

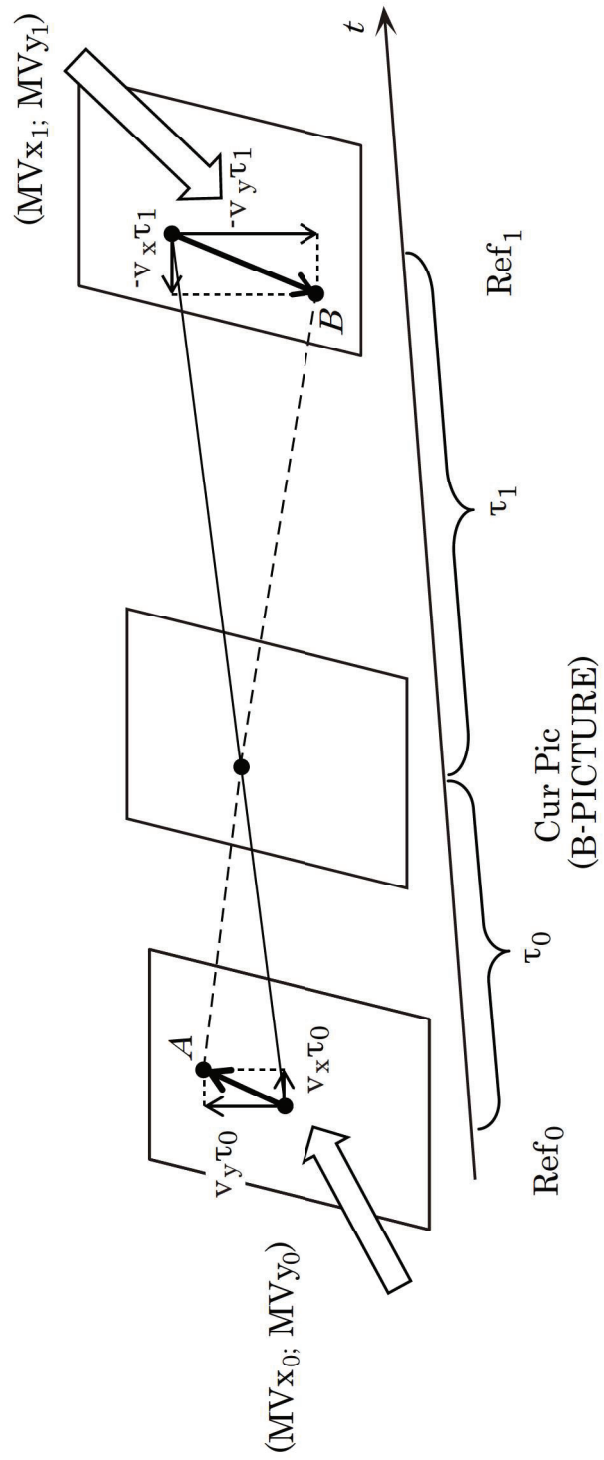


FIG. 39

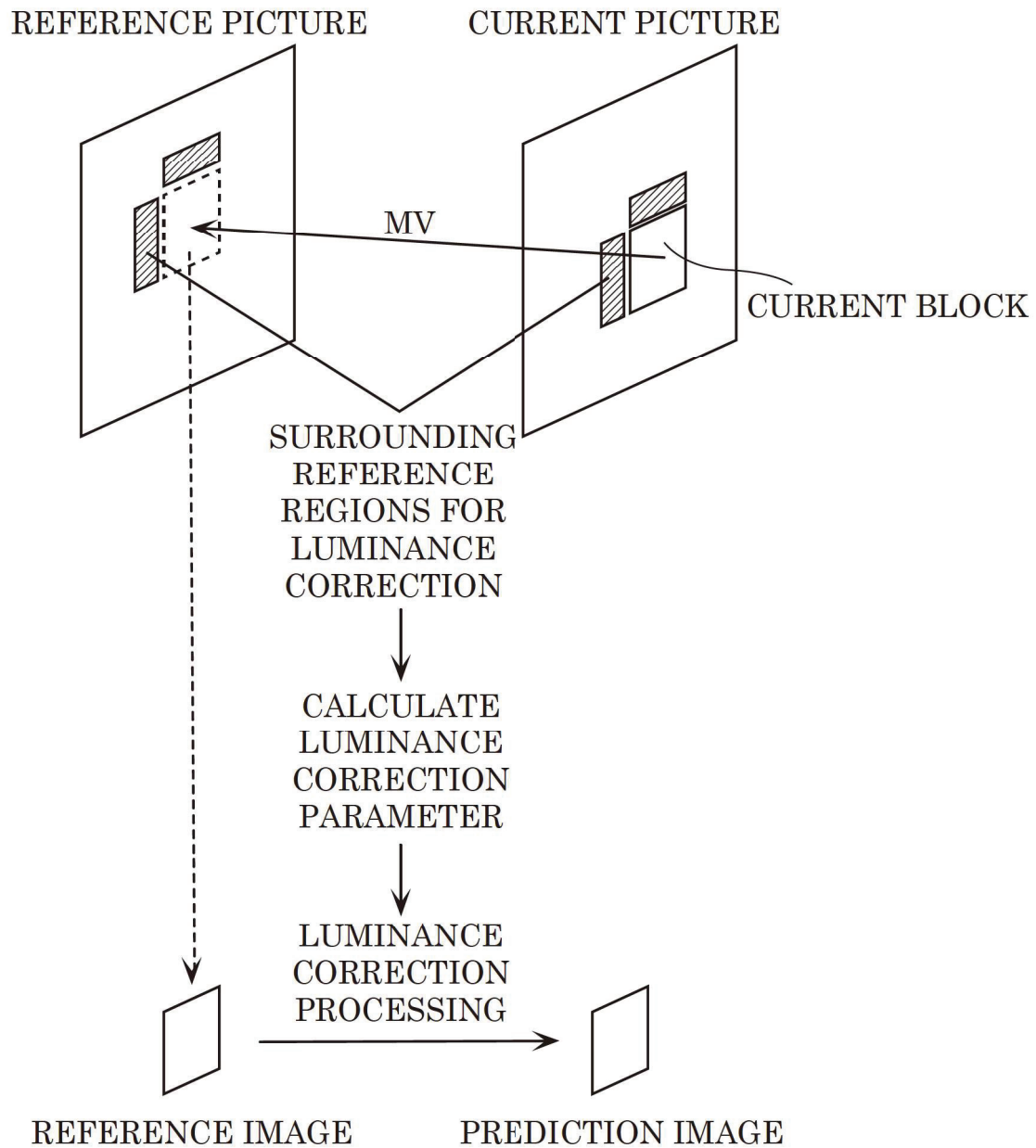


FIG. 40

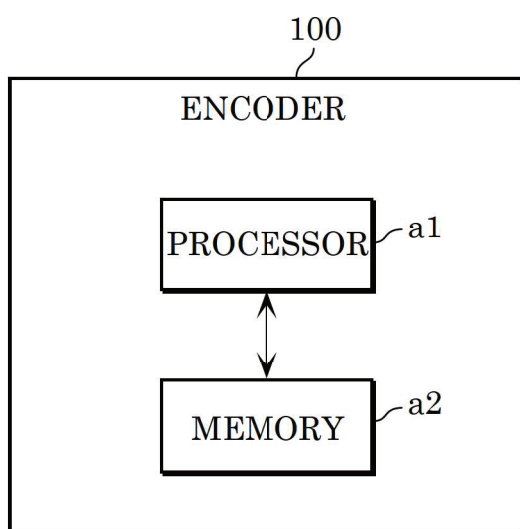


FIG. 41

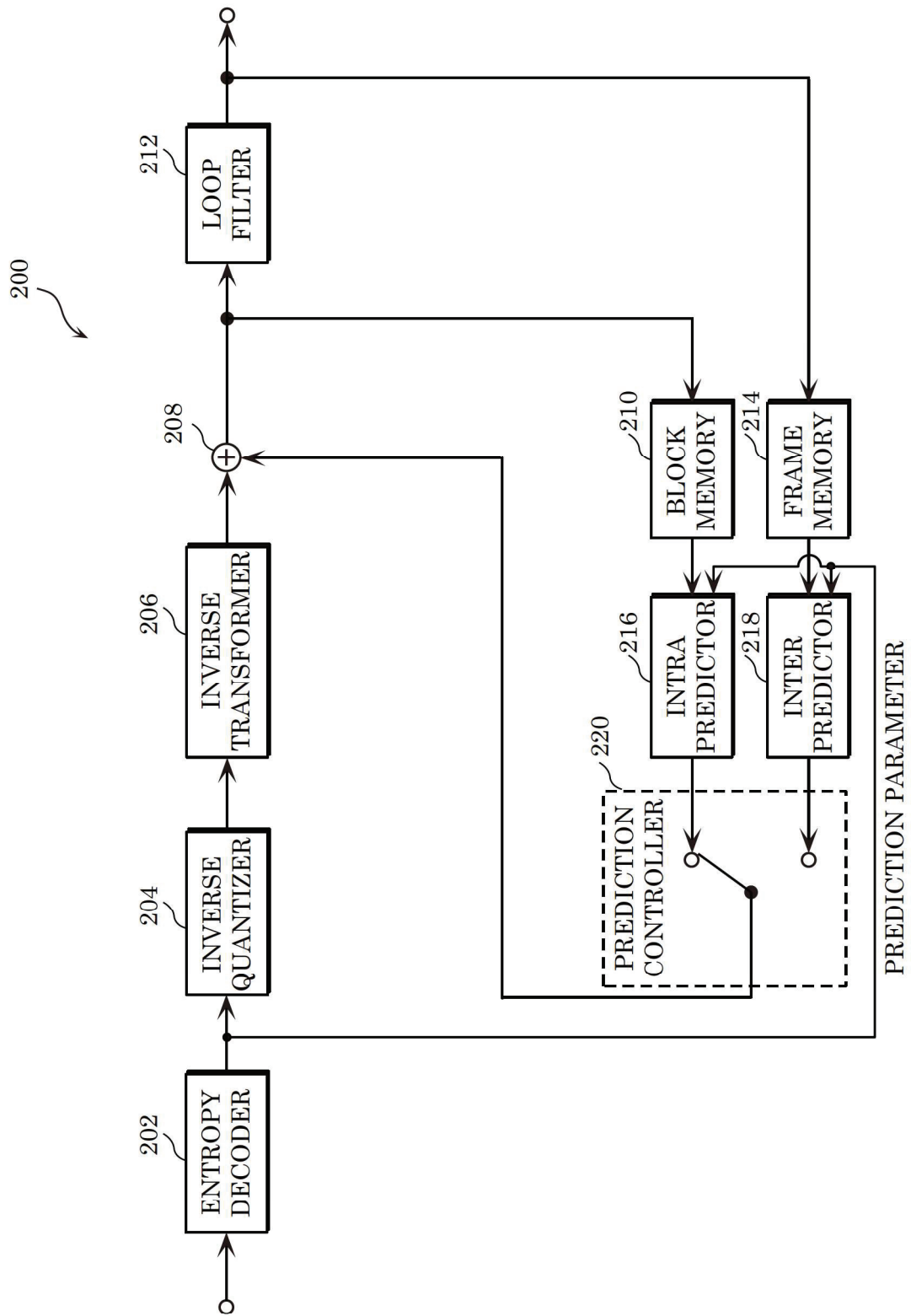


FIG. 42

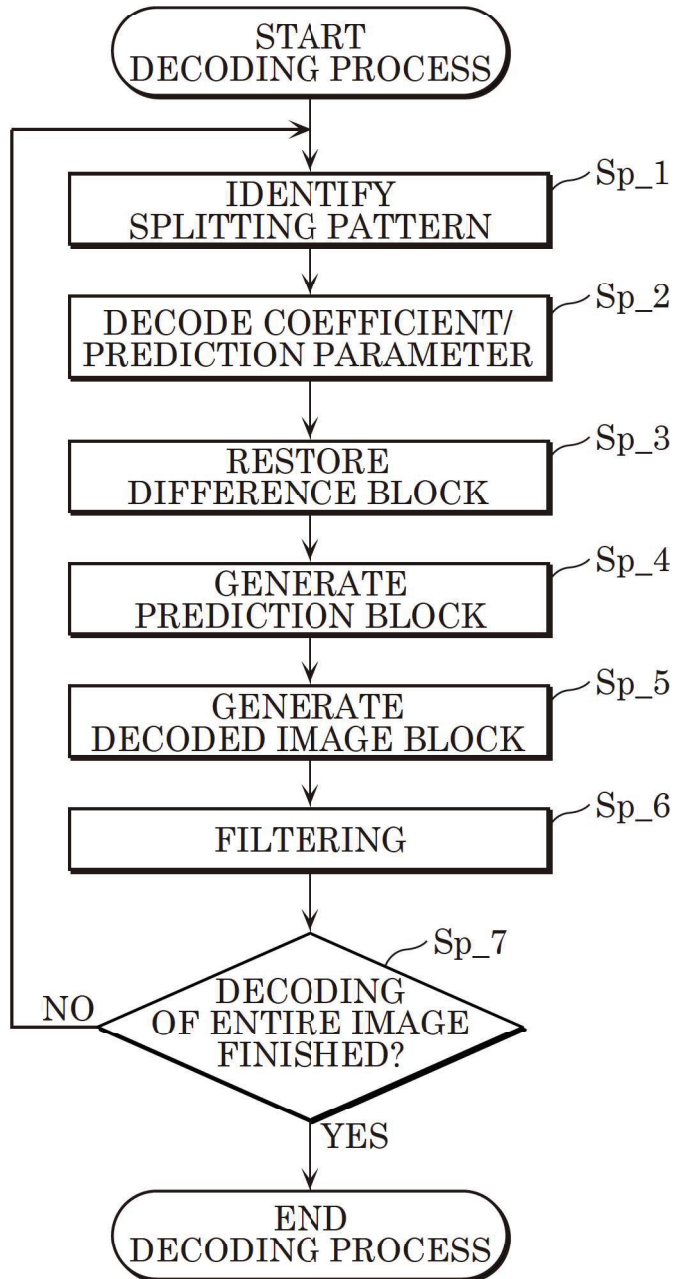


FIG. 43

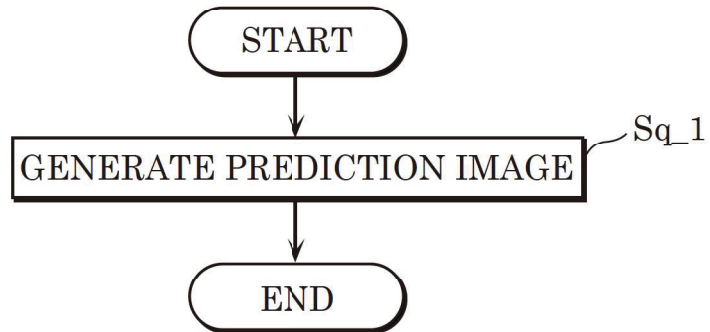


FIG. 44

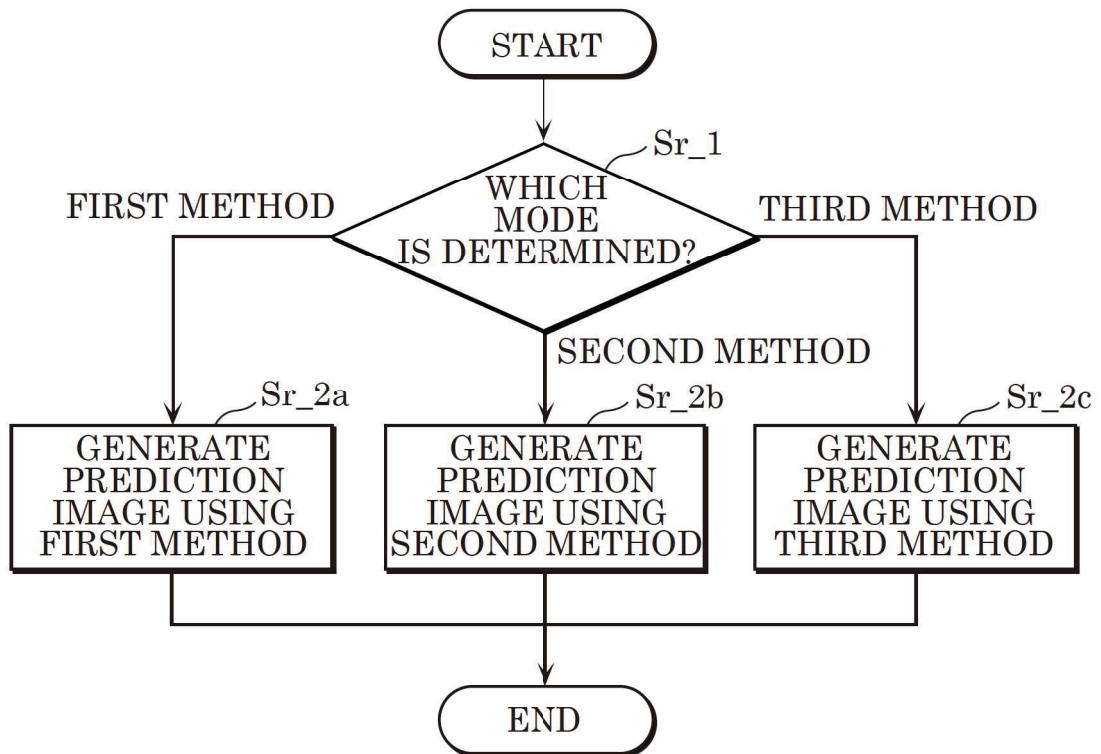


FIG. 45

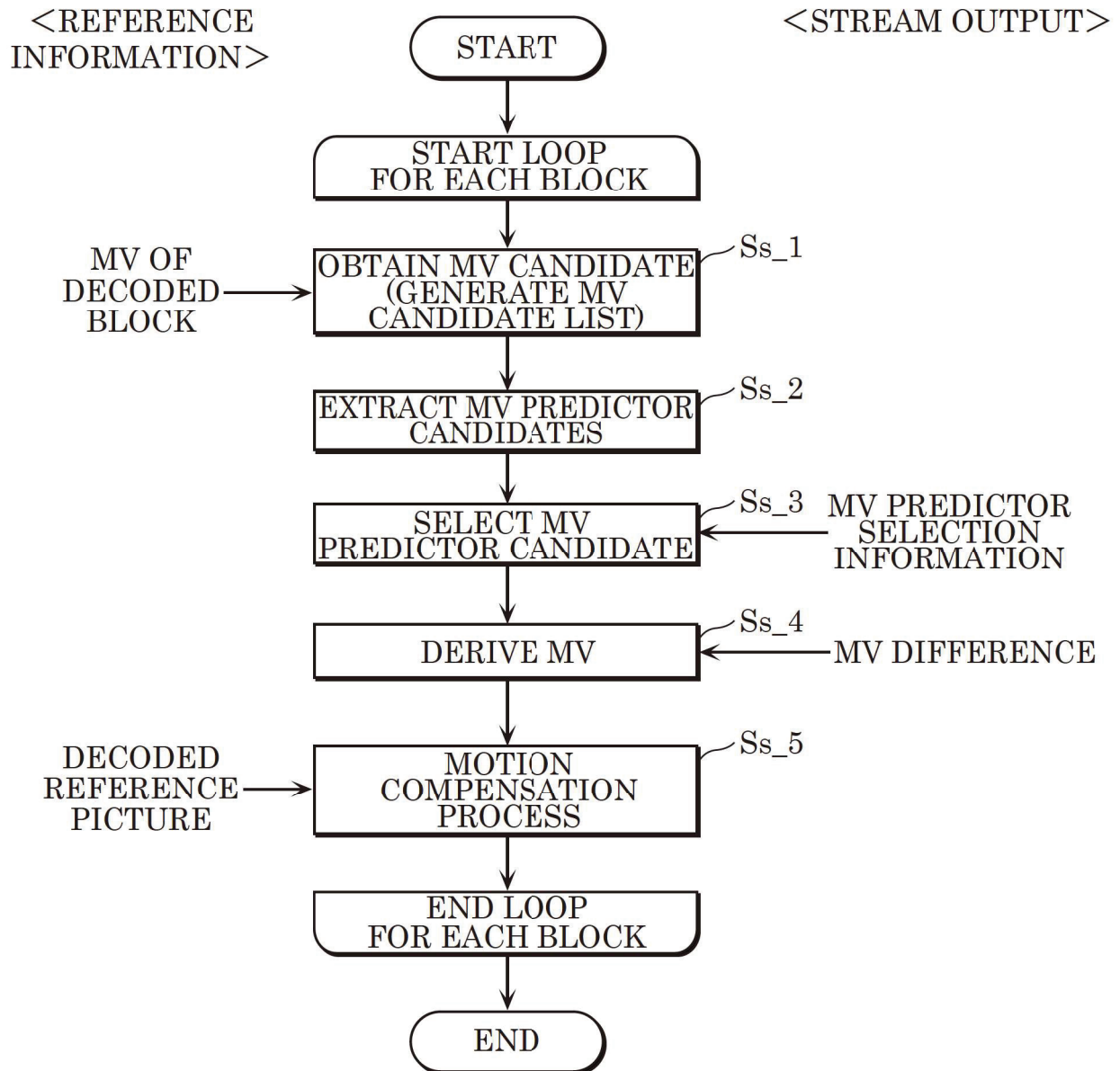


FIG. 46

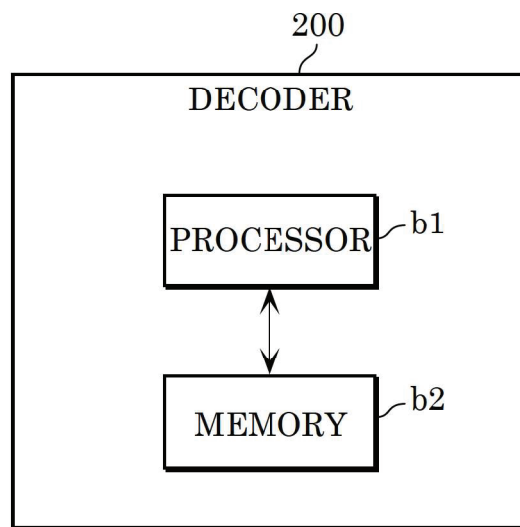


FIG. 47

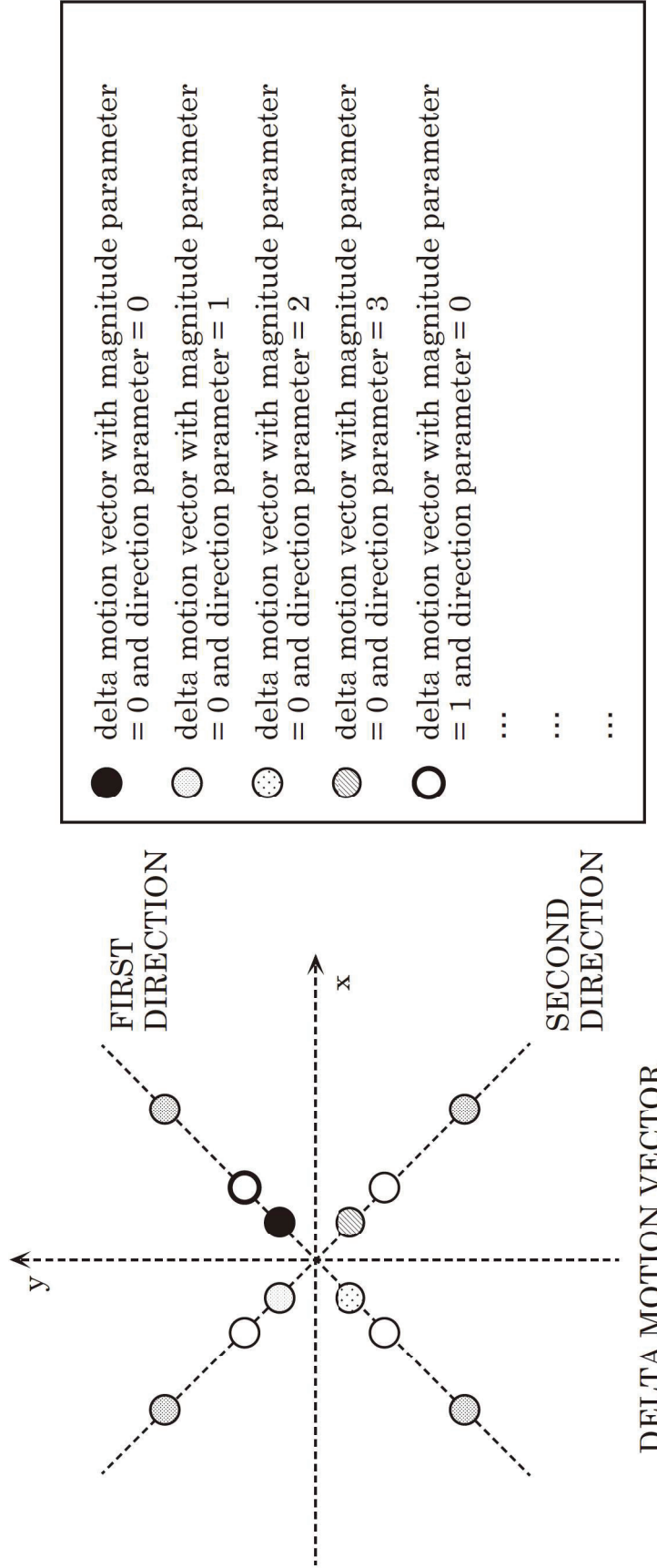


FIG. 48

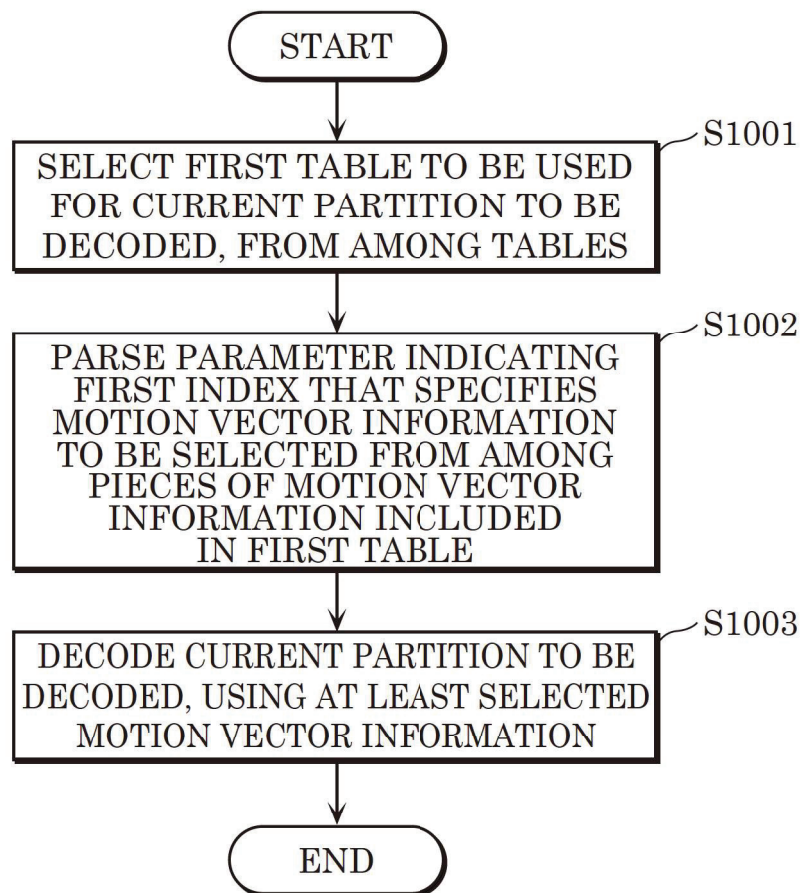


FIG. 49

LIST 1

TABLE INDEX	MAGNITUDE VALUE (IN $\frac{1}{4}$ pel)									
0	1	2	4	8	16	32	64	128		
1	2	4	8	16	32	64	128	256		
2	4	8	16	32	64	128	256	512		
3	8	16	32	64	128	256	512	1024		

FIG. 50

LIST 2
↘

TABLE INDEX	MAGNITUDE VALUE (IN $\frac{1}{4}$ pel)									
	1	2	4	8	16	32	64	128		
0	1	2	4	8	16	32	64	128		
1	2	4	8	16	32	64	128	256		
2	4	8	16	32	64	128	256	512		
3	8	16	32	64	128	256	512	1024		
4	16	32	64	128	256	512	1024	2048		
5	32	64	128	256	512	1024	2048	4096		
6	64	128	256	512	1024	2048	4096	8192		
7	128	256	512	1024	2048	4096	8192	16384		

FIG. 51

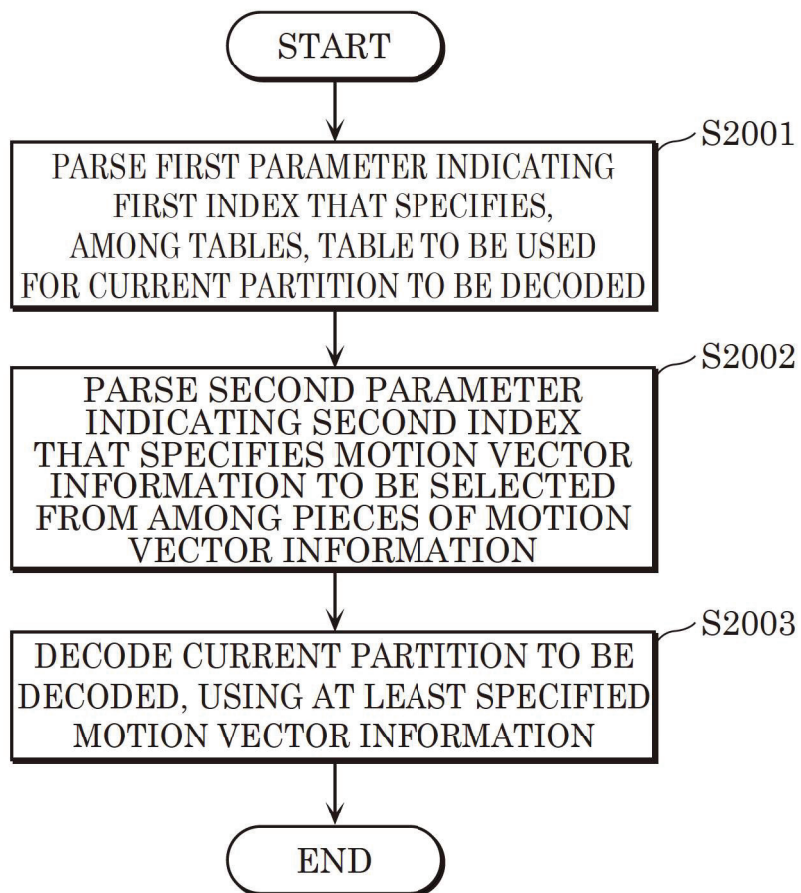


FIG. 52

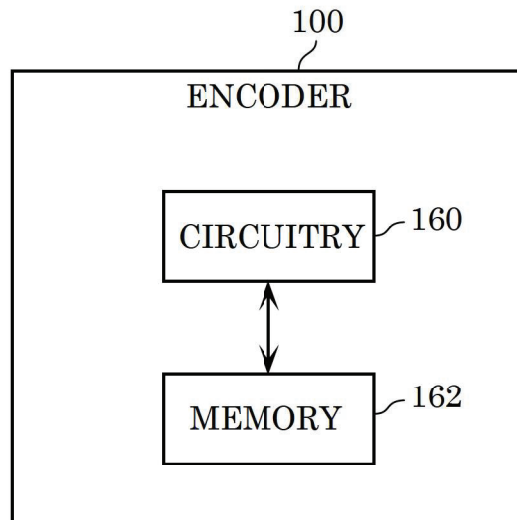


FIG. 53

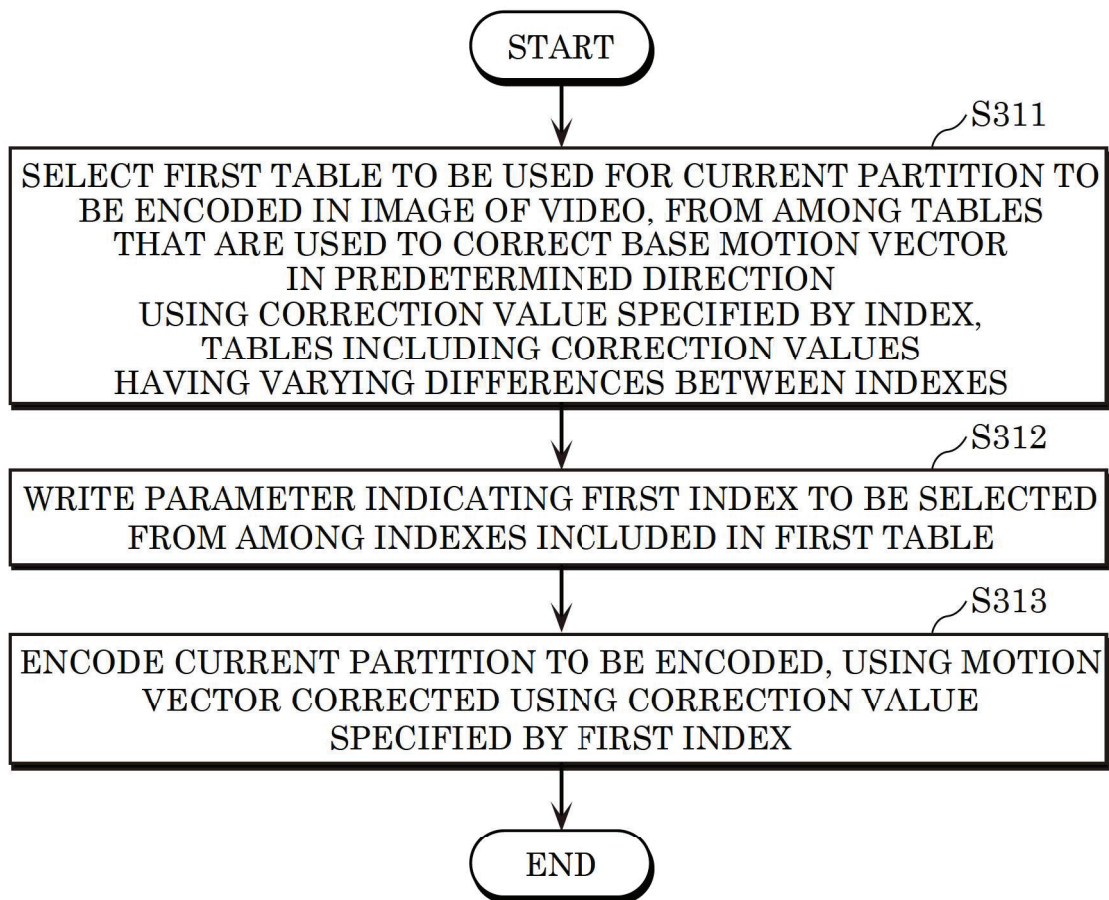


FIG. 54

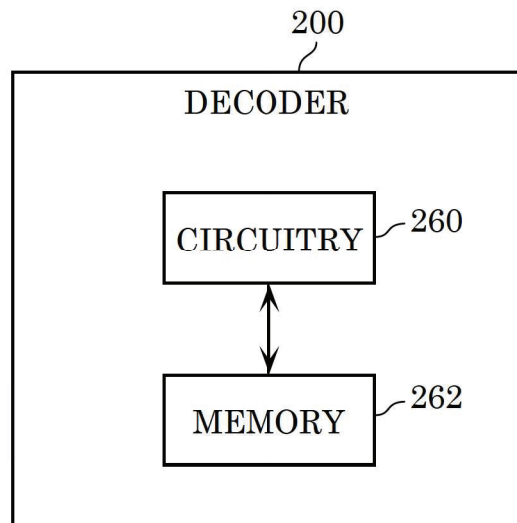


FIG. 55

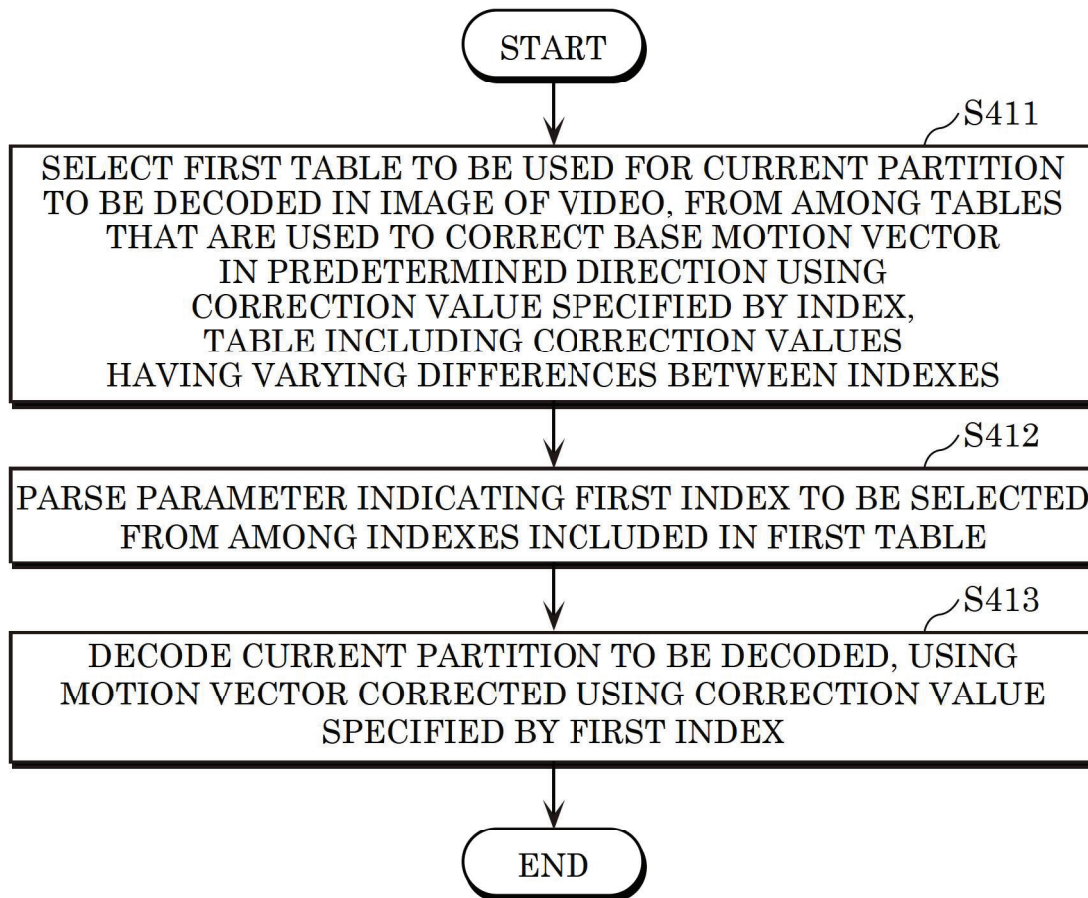


FIG. 56

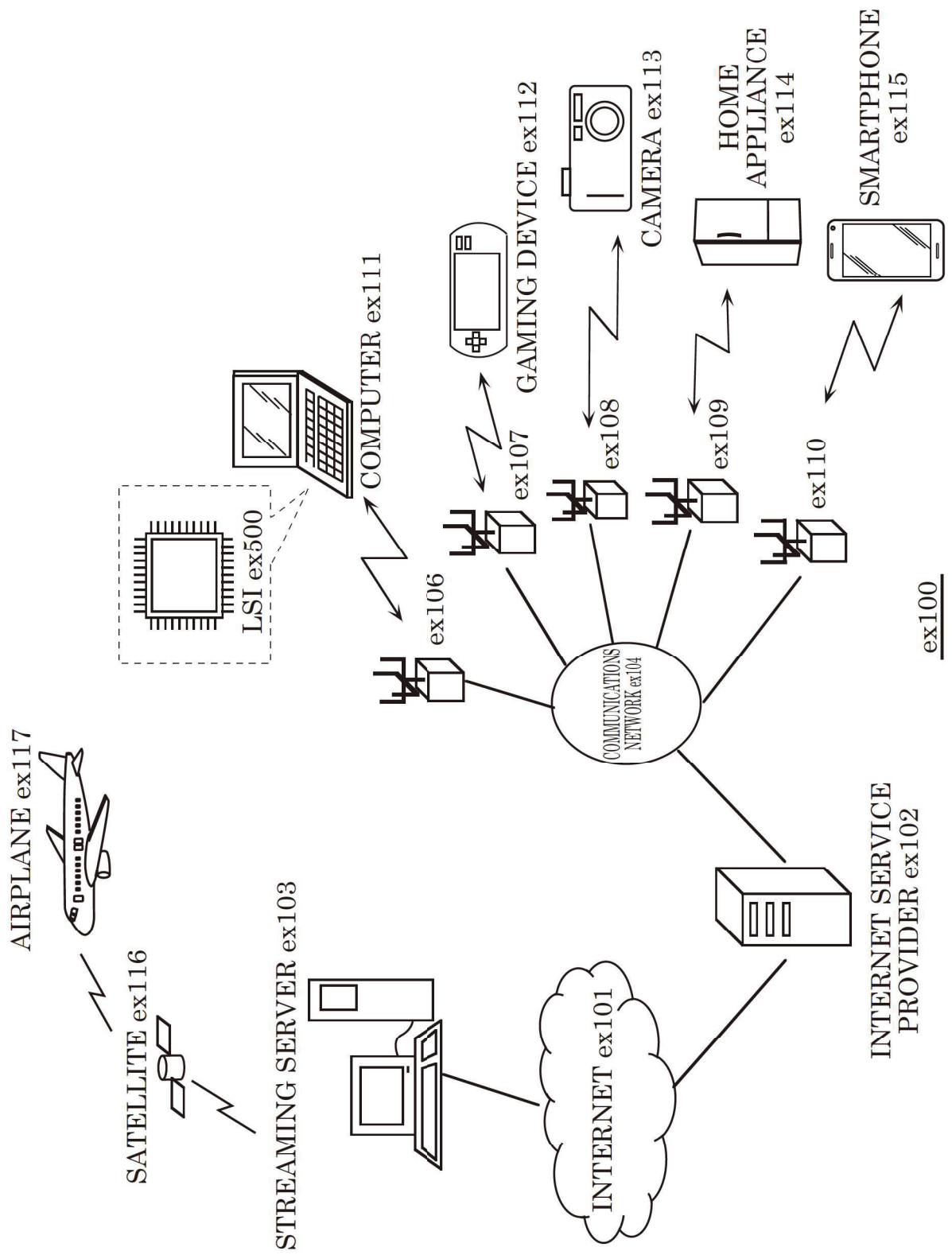


FIG. 57

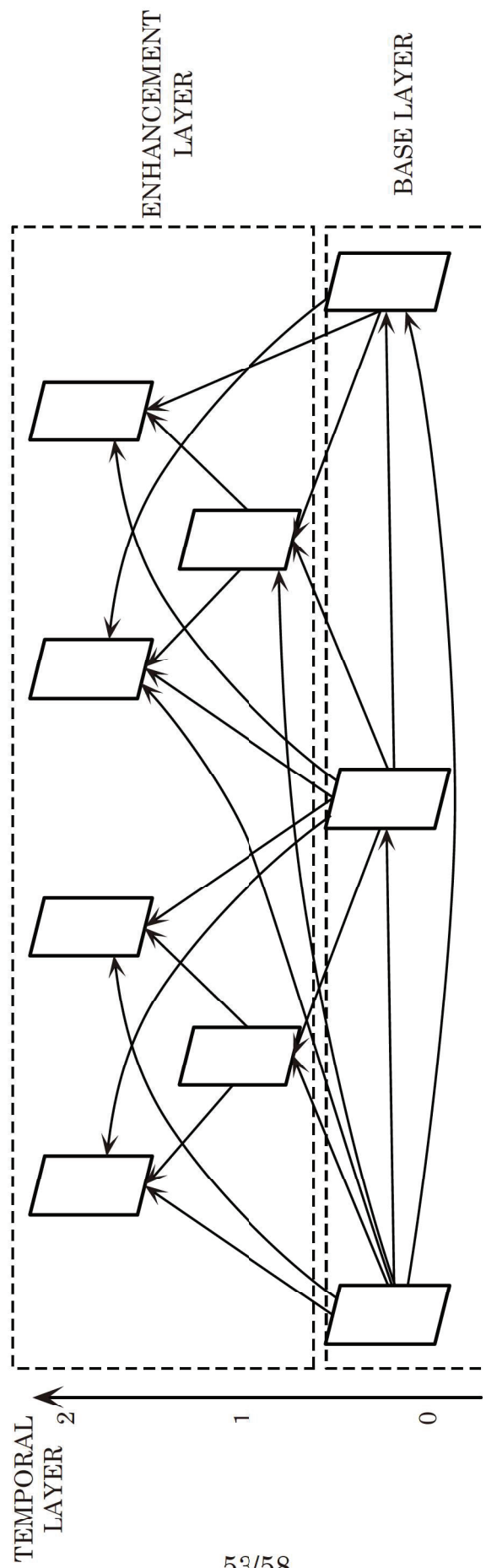


FIG. 58

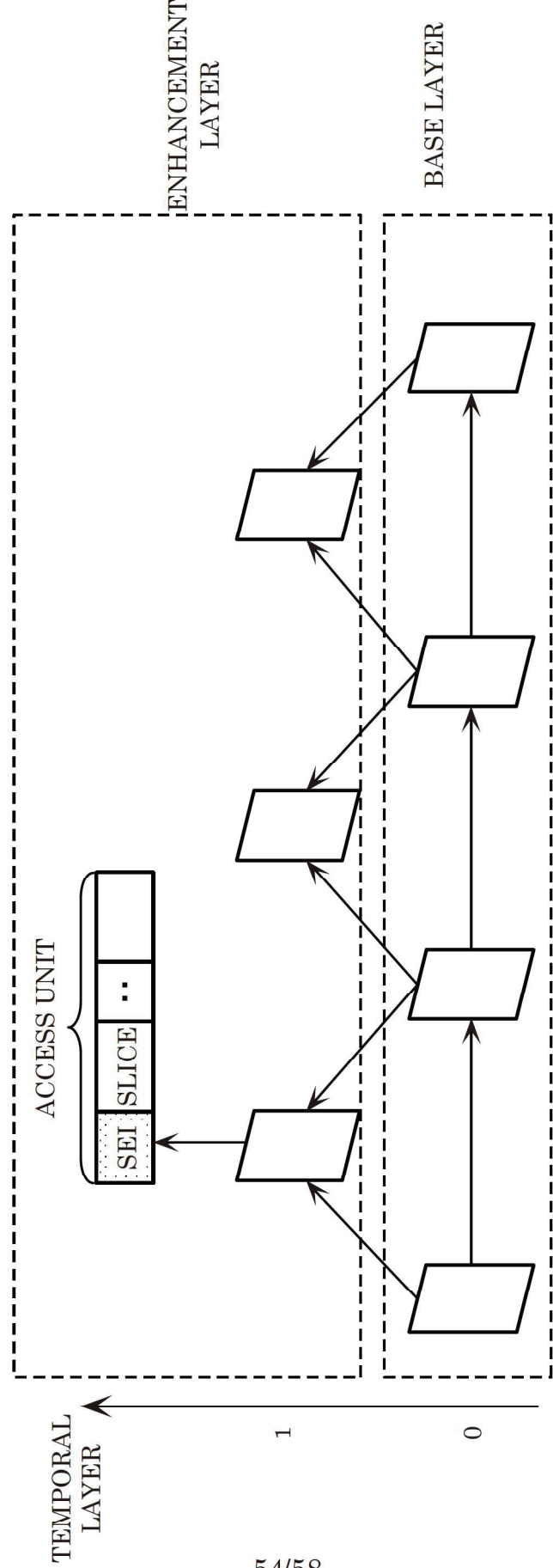


FIG. 59

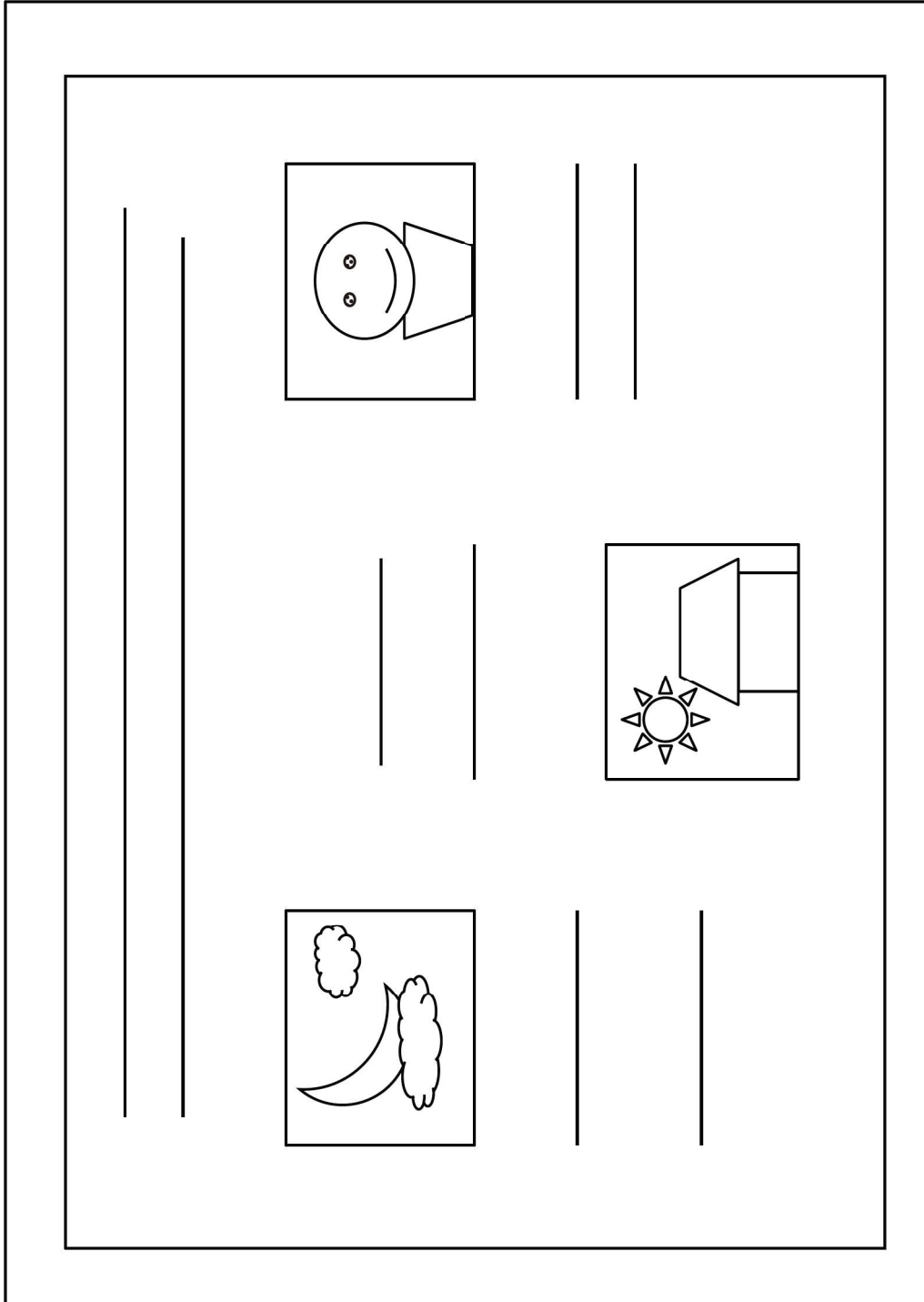


FIG. 60

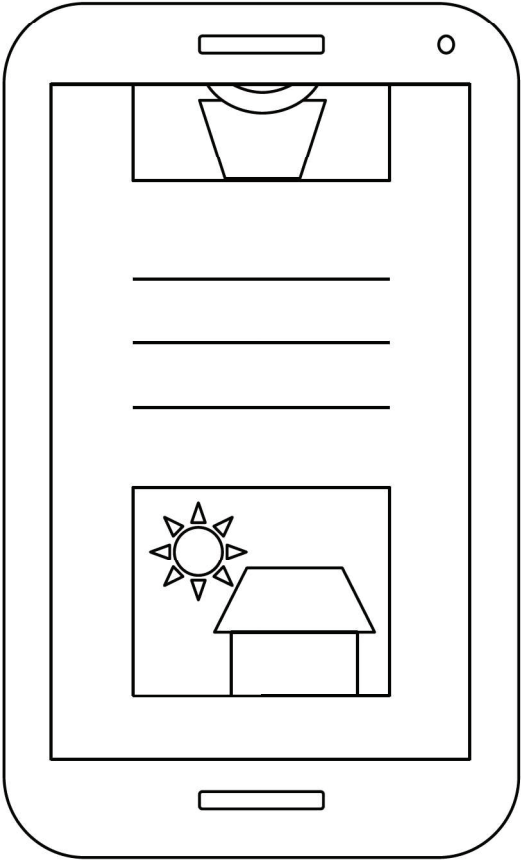


FIG. 61

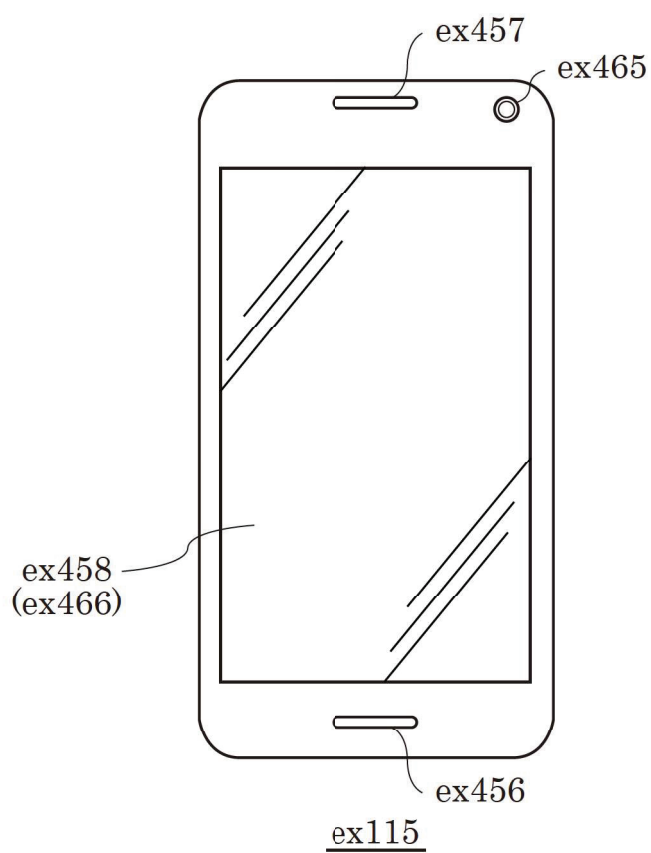


FIG. 62

