

FIG.1

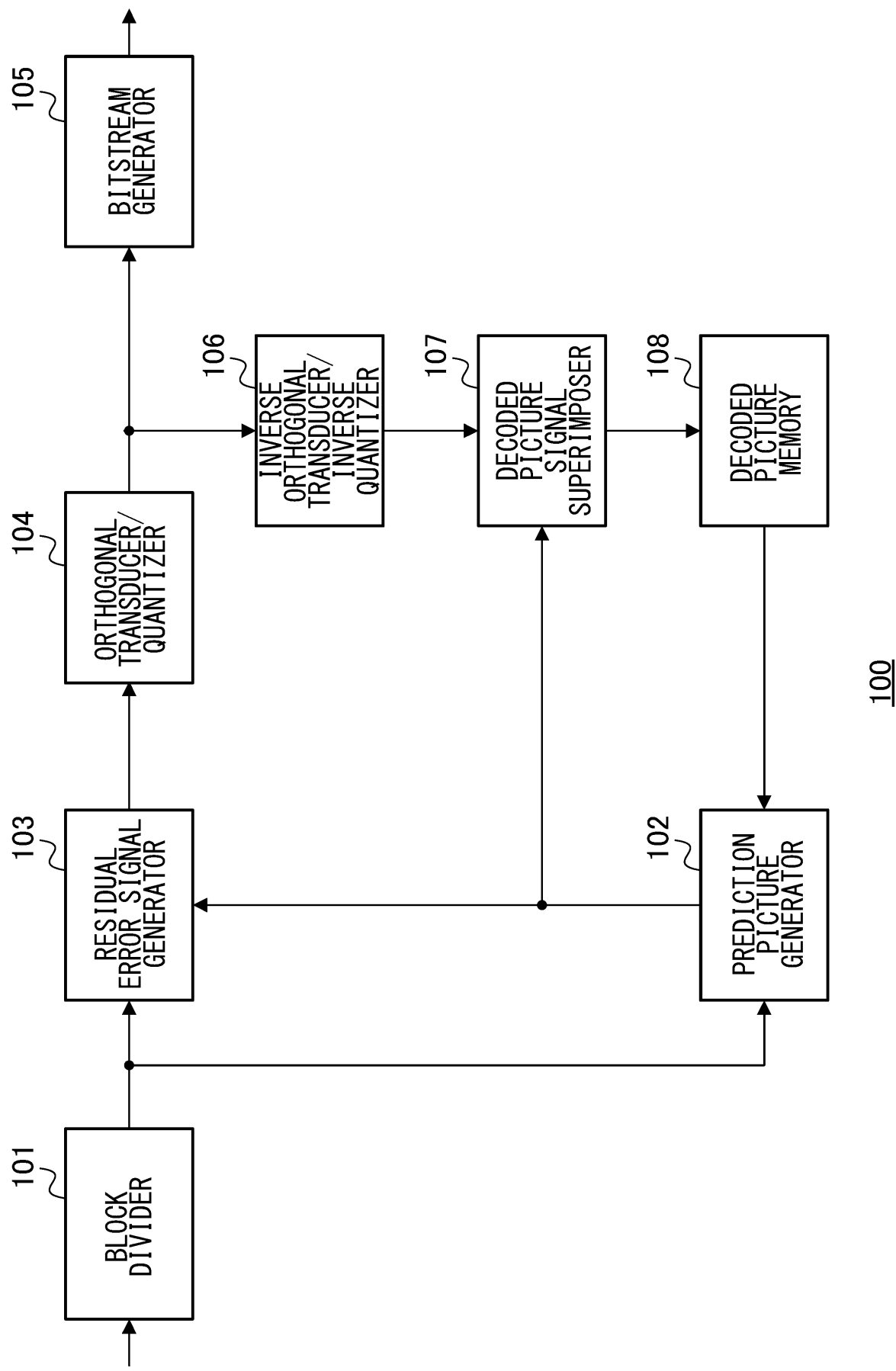


FIG.2

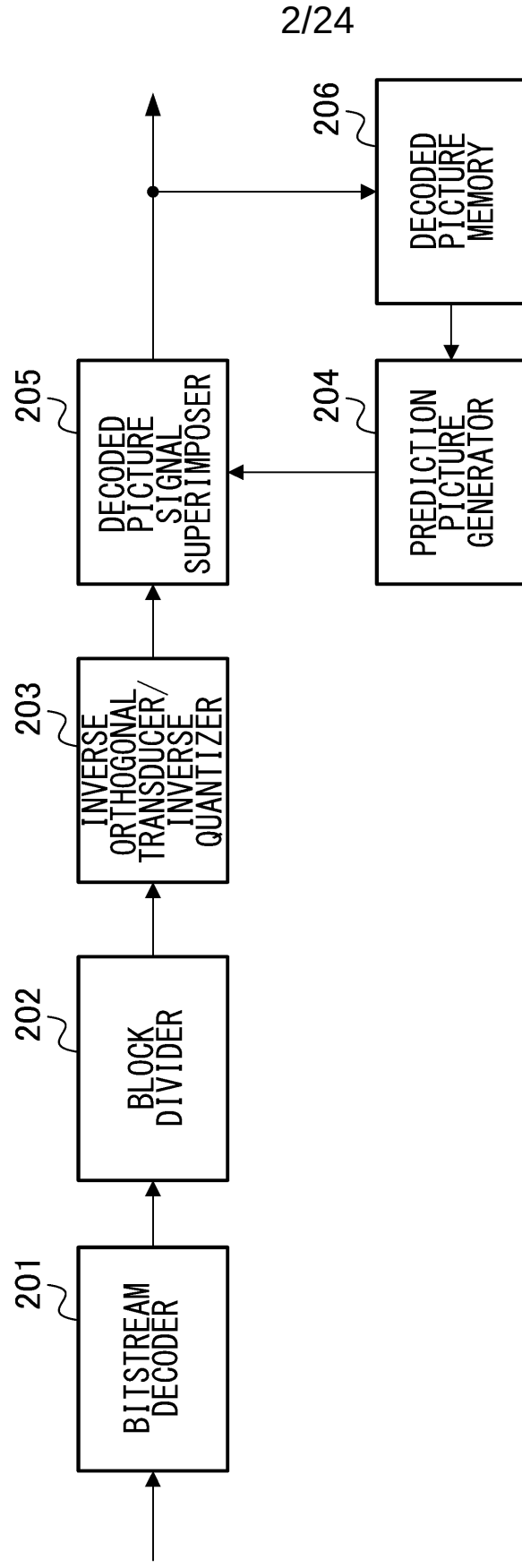


FIG.3

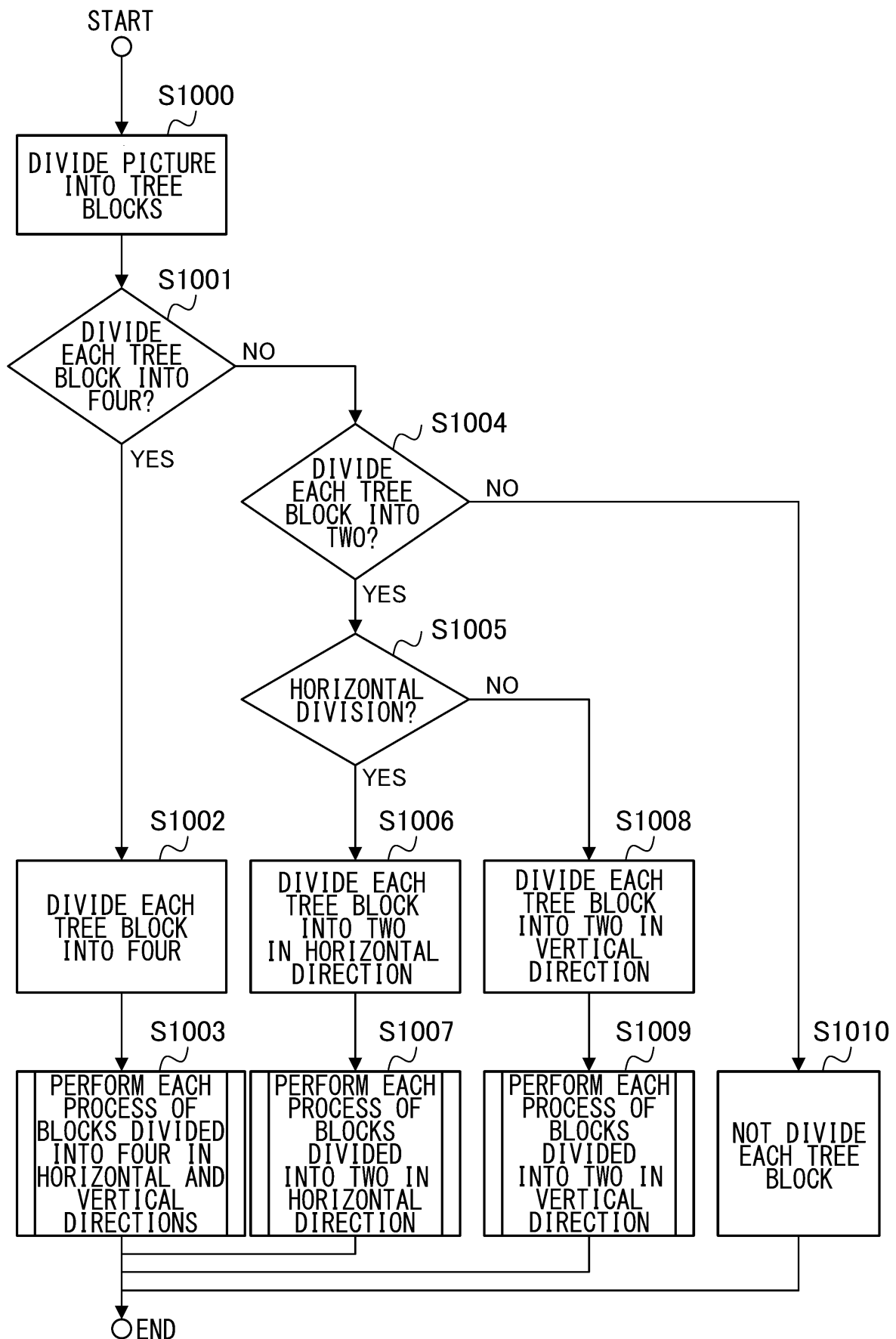


FIG.4

4/24

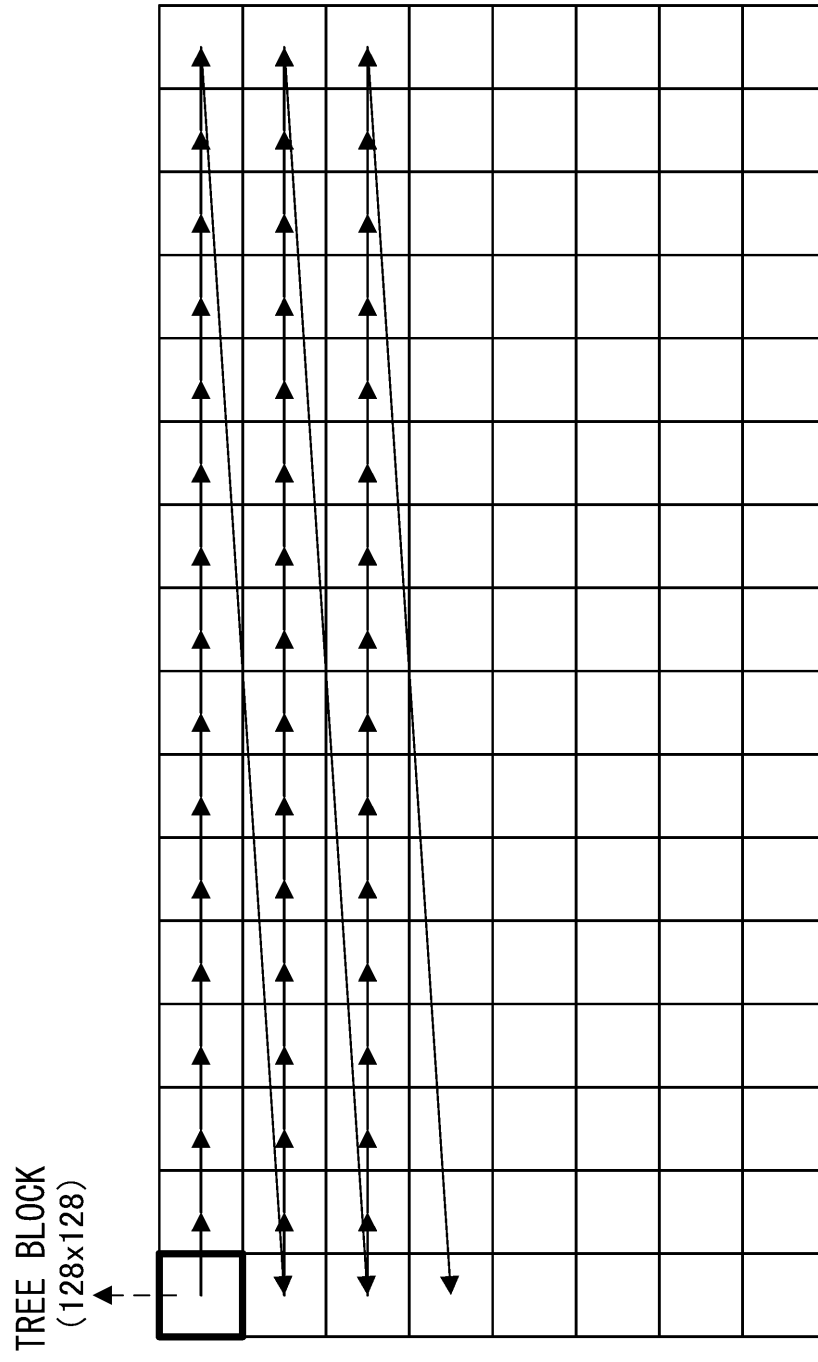
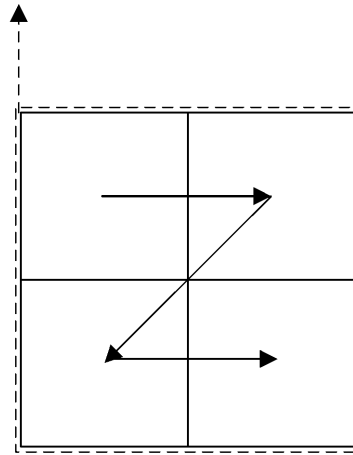


FIG.5

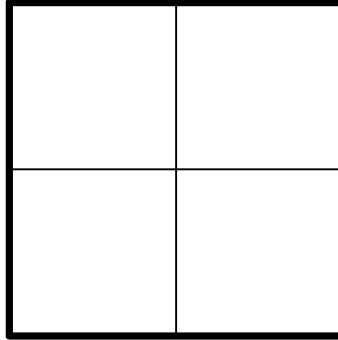
TREE BLOCK
(128x128)



6/24

FIG.6

DIVISION INTO FOUR IN
HORIZONTAL AND
VERTICAL DIRECTIONS



7/24

FIG.7

DIVISION INTO TWO IN
HORIZONTAL DIRECTION



8/24

FIG.8

DIVISION INTO TWO
IN VERTICAL DIRECTION

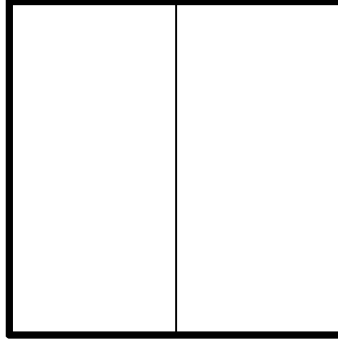


FIG.9

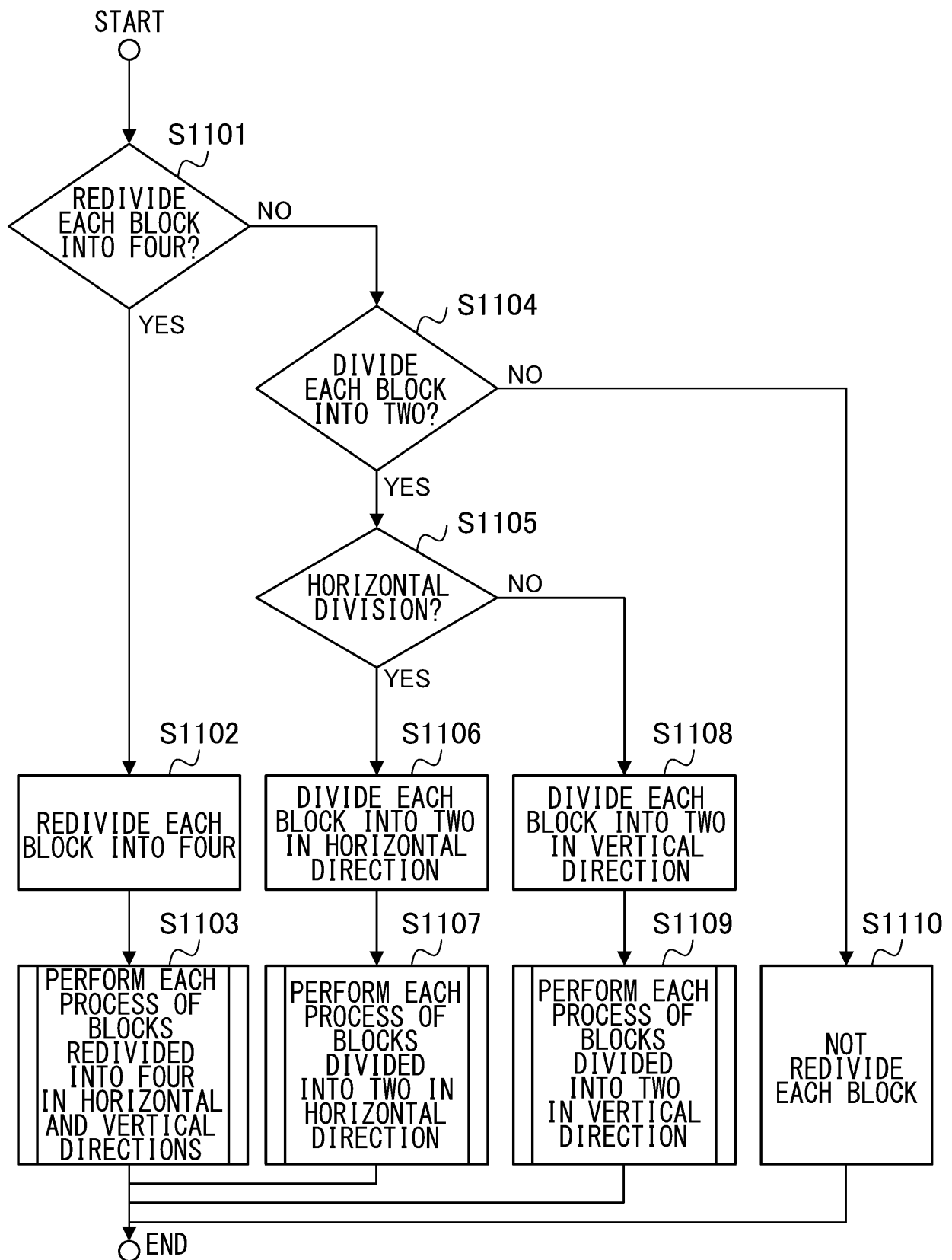


FIG.10

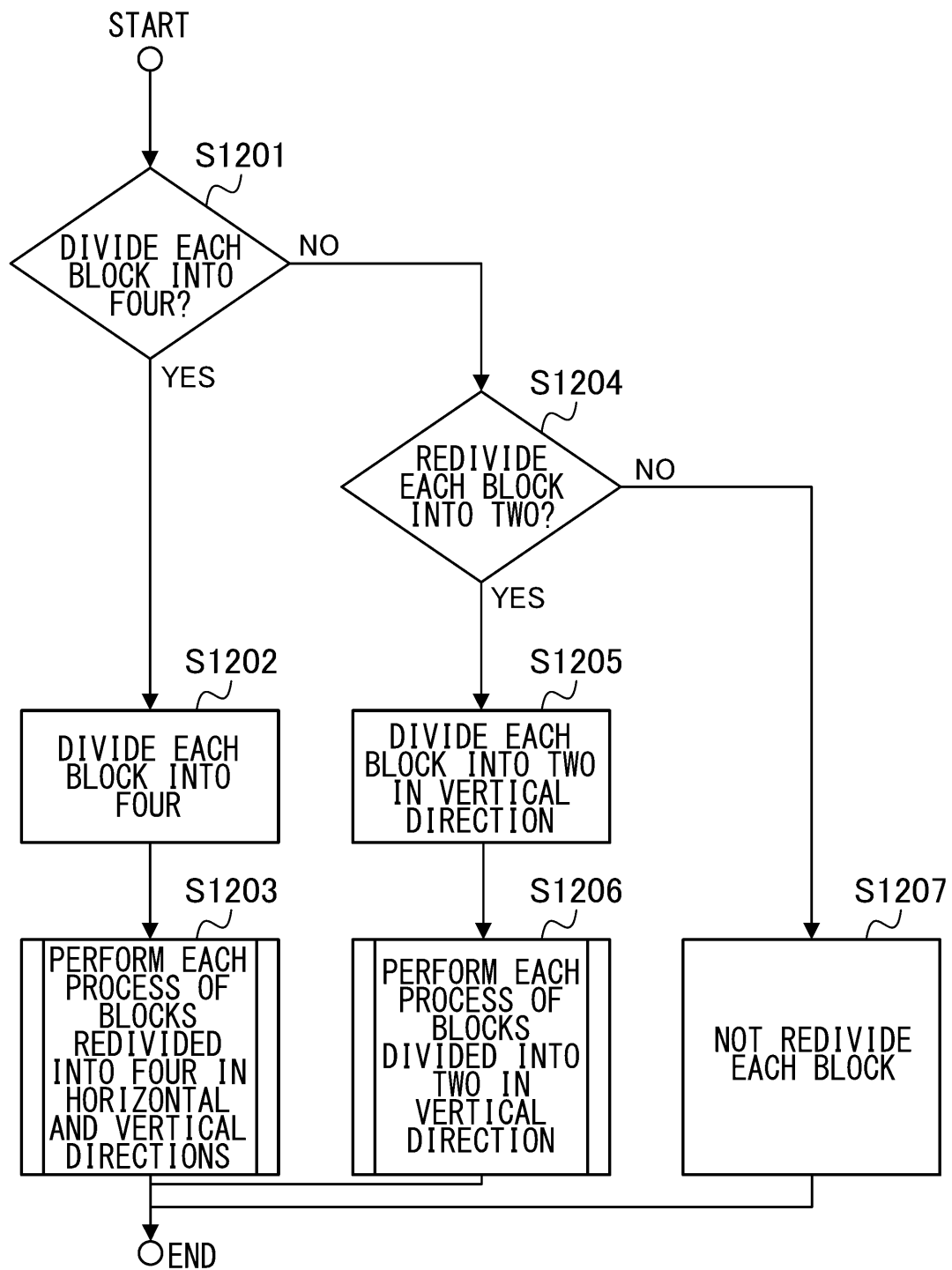
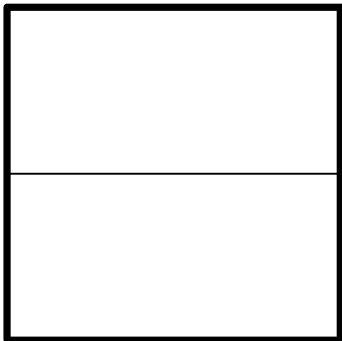


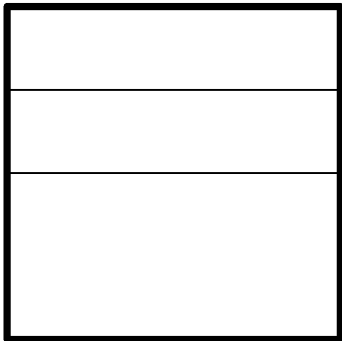
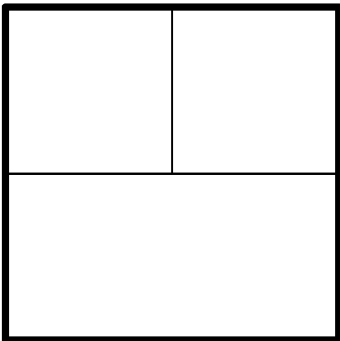
FIG.11

DIVISION INTO TWO IN HORIZONTAL DIRECTION



○

×



REDIVISION INTO TWO
IN VERTICAL DIRECTION

REDIVISION INTO TWO
IN HORIZONTAL DIRECTION

FIG.12

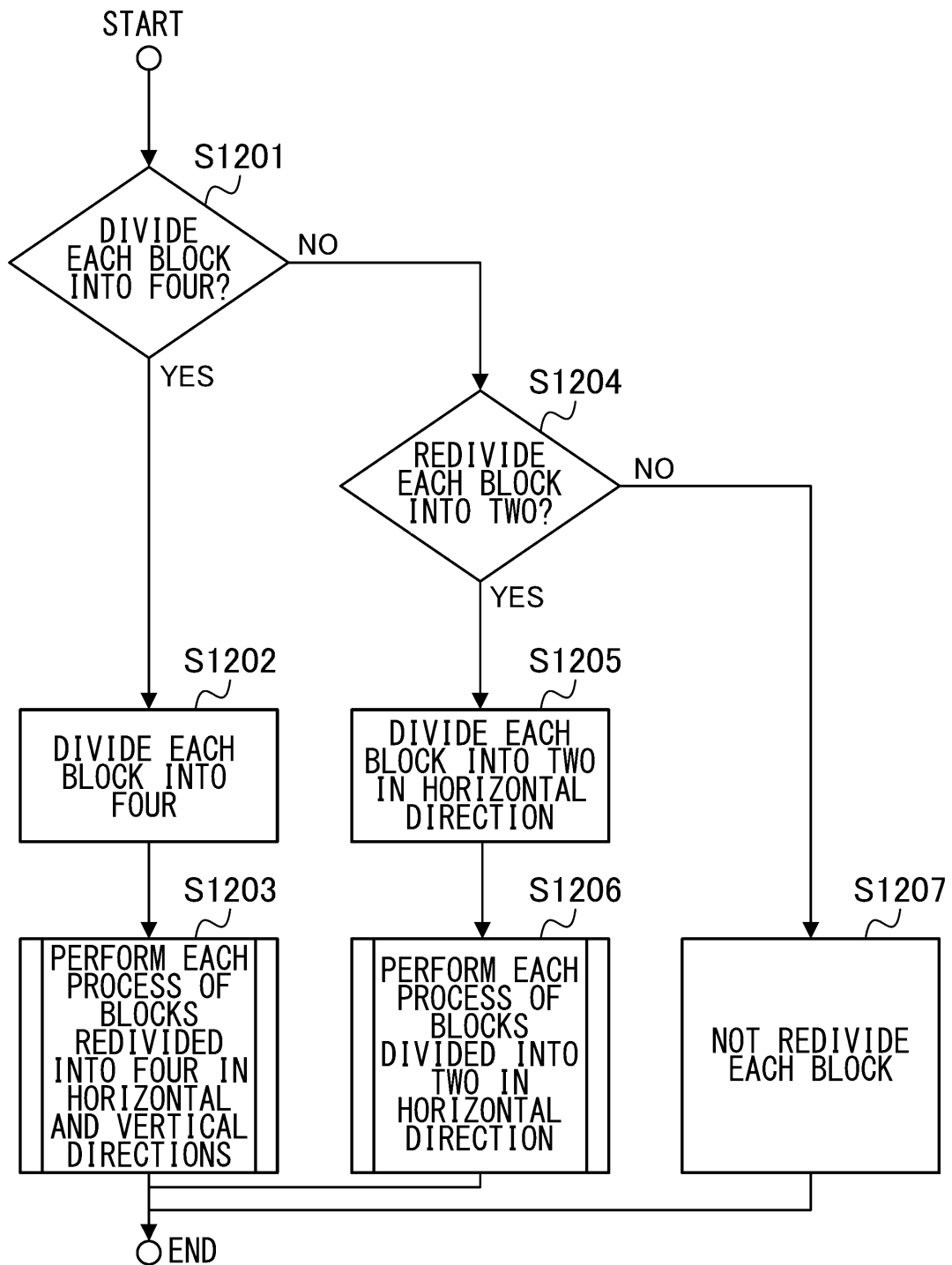


FIG.13

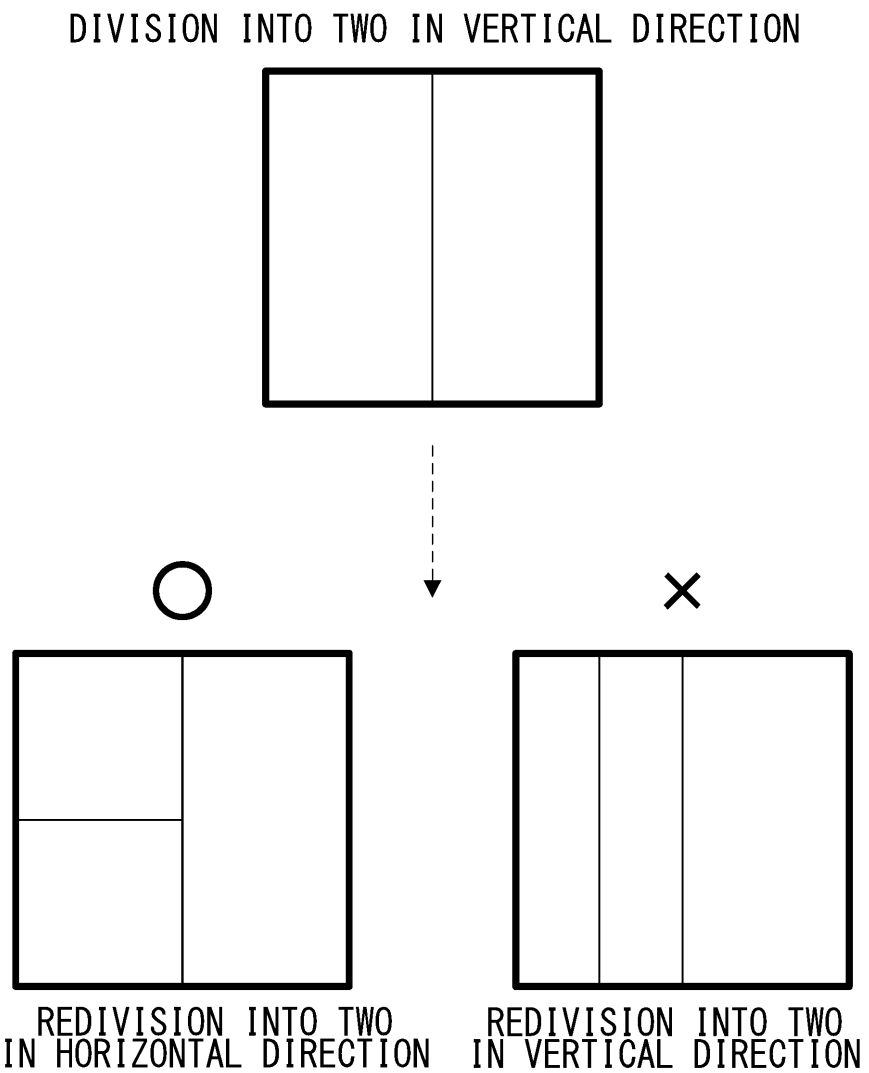


FIG.14

```
4_division_flag
If(!4_division_flag){
    2_division_flag
    if(2_division_flag && !prev_2_division_flag){
        2_division_direction
    }
}
```

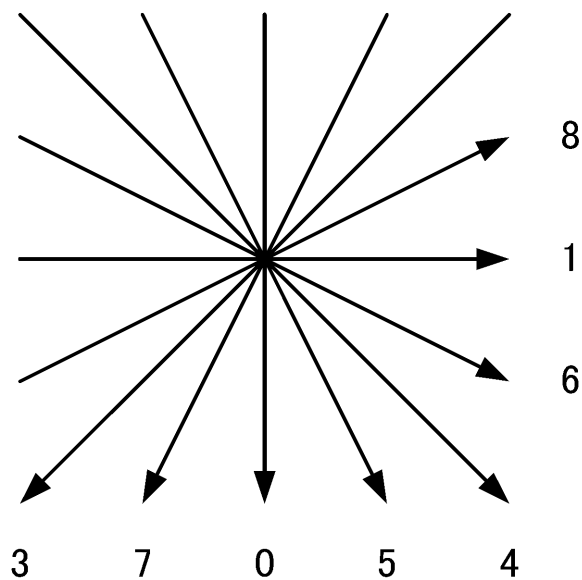


FIG.15A

MODE NUMBER	PREDICTION DIRECTION
0	vertical
1	horizontal
2	DC
3	Diagonal down left
4	Diagonal down right
5	Vertical right
6	Horizontal down
7	Vertical left
8	Horizontal up

FIG.15B

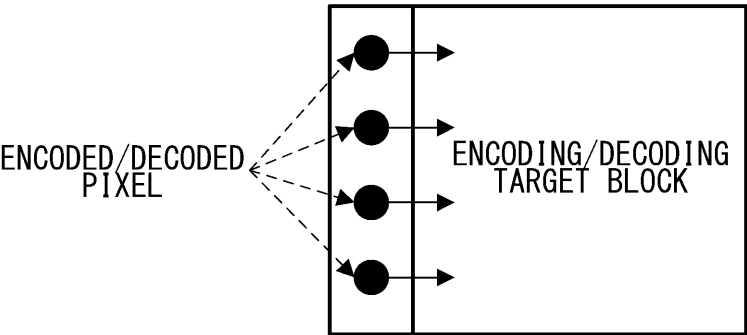


FIG.15C

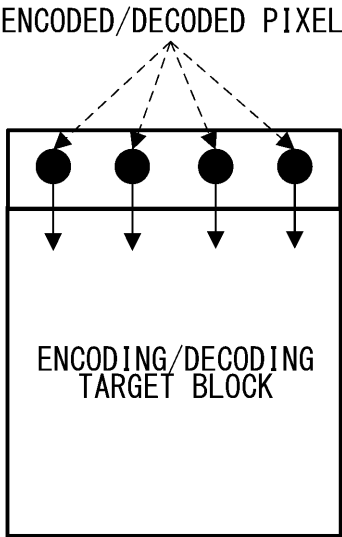
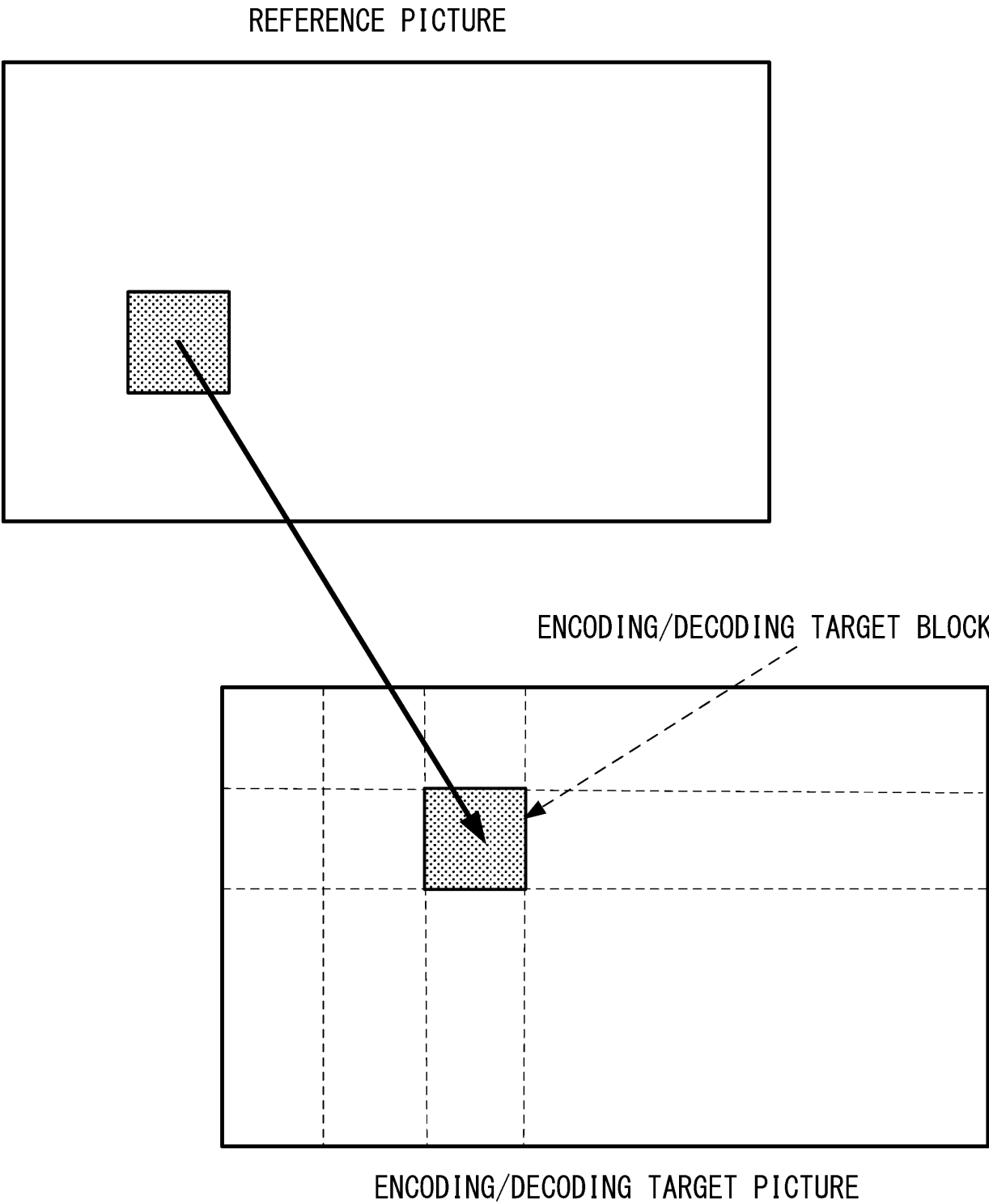
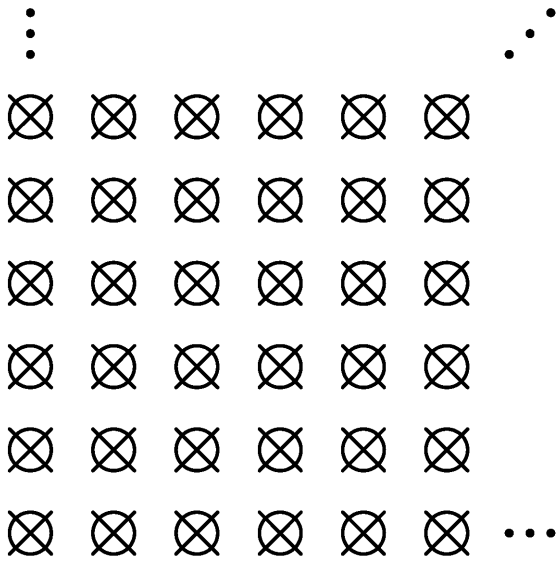


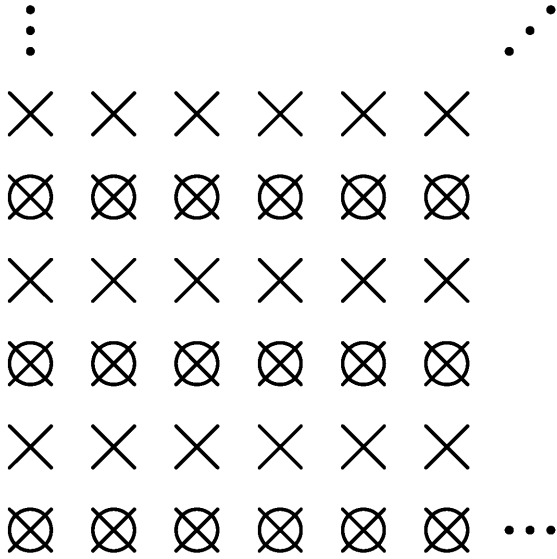
FIG.15D

FIG.16

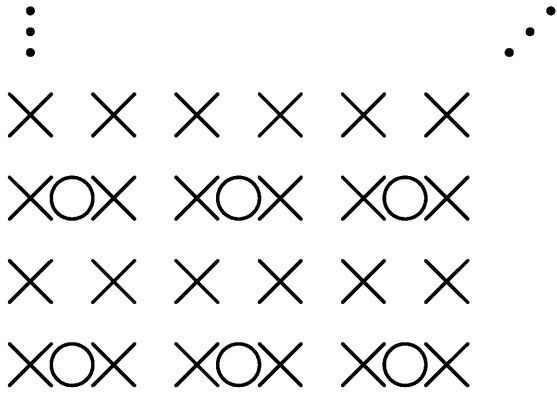




4:4:4
FIG.17C



4:2:2
FIG.17B



4:2:0
FIG.17A

FIG.18

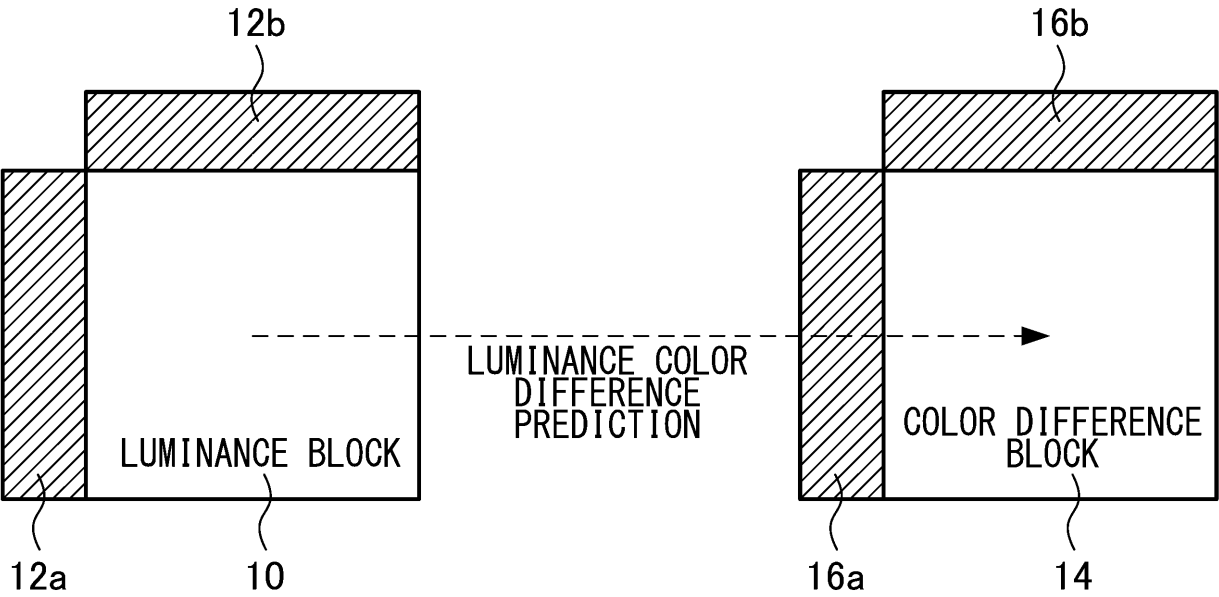
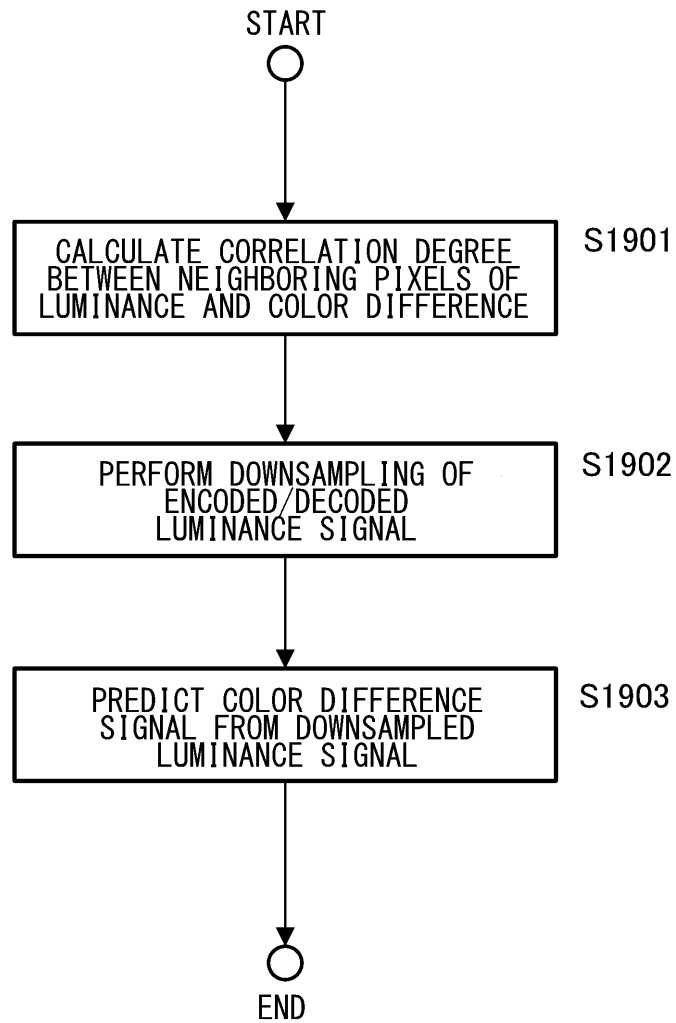


FIG.19



LUMINANCE BLOCK

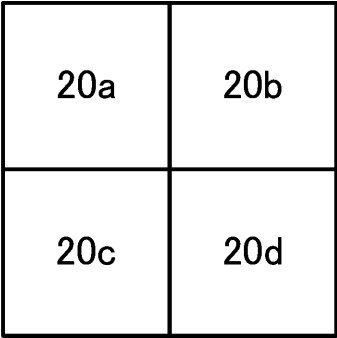


FIG.20A

COLOR DIFFERENCE BLOCK

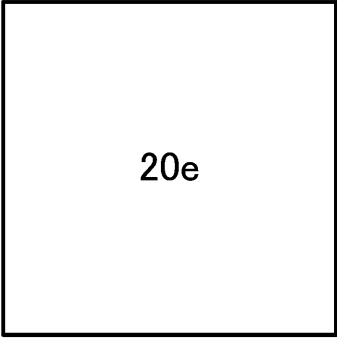


FIG.20B

LUMINANCE BLOCK

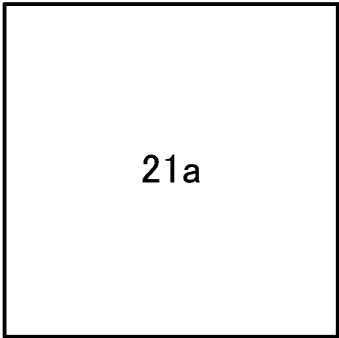


FIG.21A

COLOR DIFFERENCE BLOCK

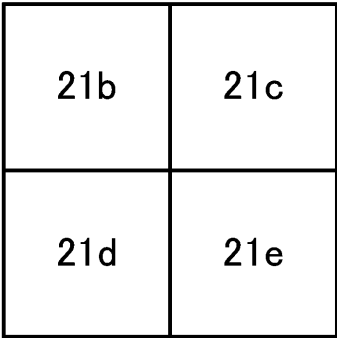
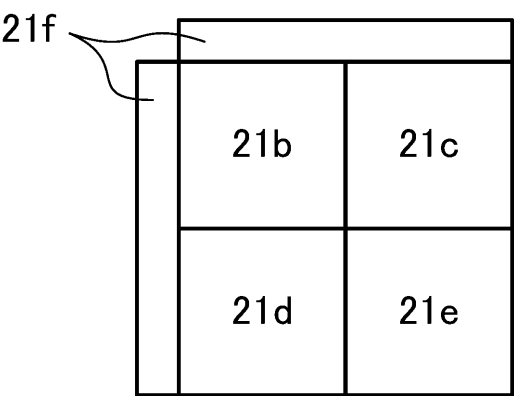


FIG.21B

FIG.22

MODE NUMBER	COLOR DIFFERENCE PREDICTION MODE
0	SAME AS LUMINANCE PREDICTION MODE
1	DC MODE
2	LUMINANCE COLOR DIFFERENCE PREDICTION

FIG.23



LUMINANCE BLOCK

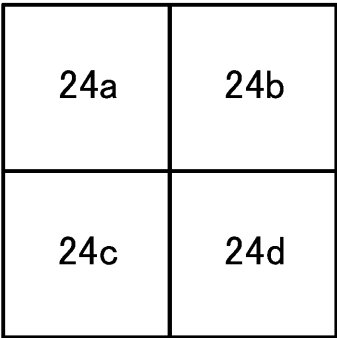


FIG.24A

COLOR DIFFERENCE BLOCK

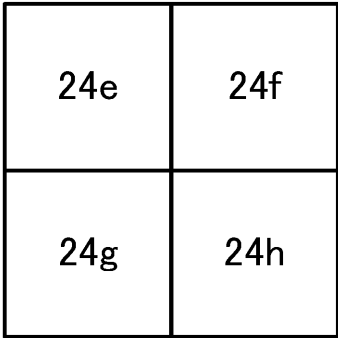


FIG.24B

LUMINANCE BLOCK

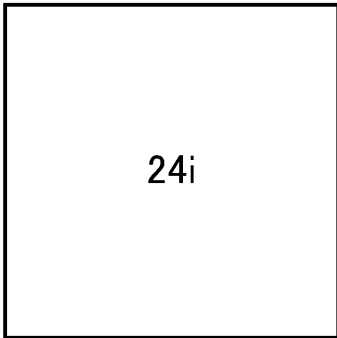


FIG.24C