

	R01	R02	R03	R04	R05	R06	R07	R08	R09
R10	S11	S12	S13	S14	104				
R20	S21	S22	S23	S24					
R30	S31	S32	S33	S34					
R40	S41	S42	S43	S44					
R50									
R60									
R70									

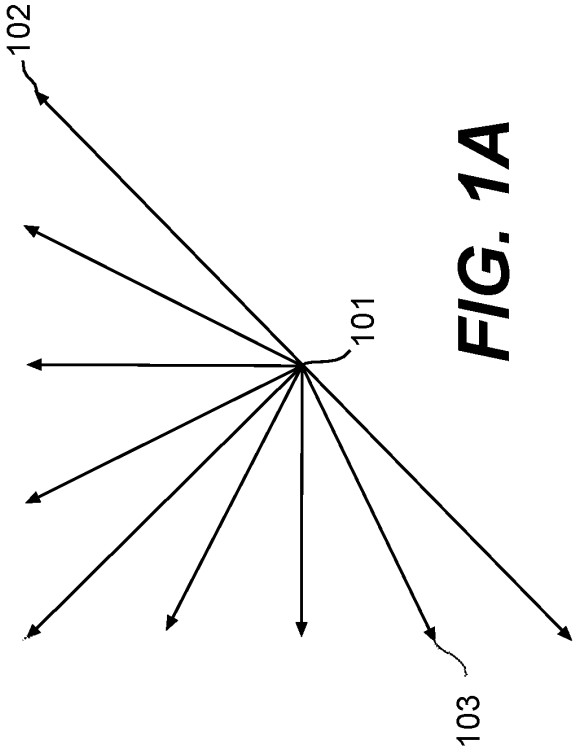
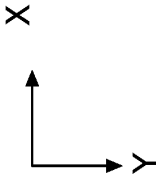
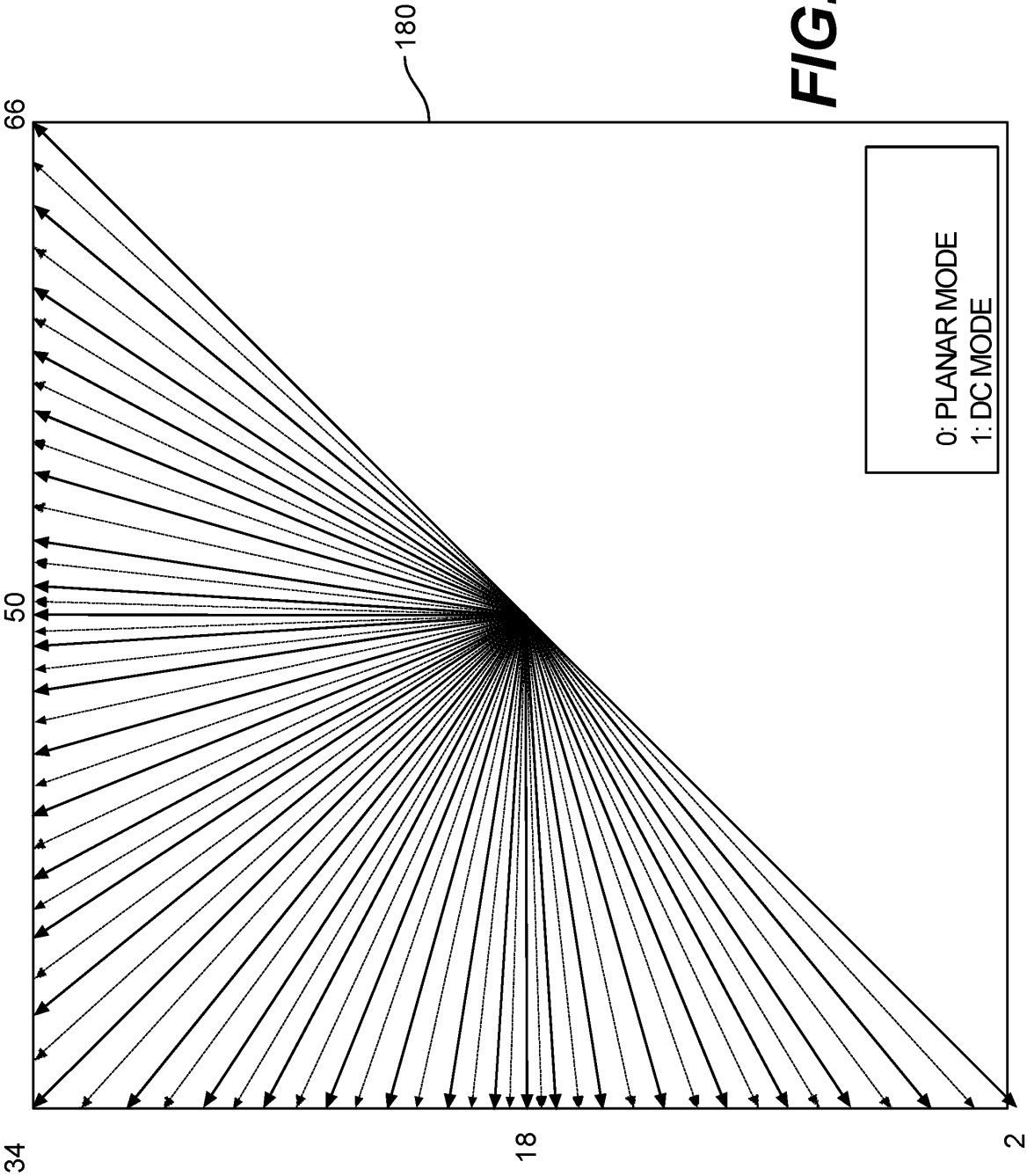


FIG. 1A



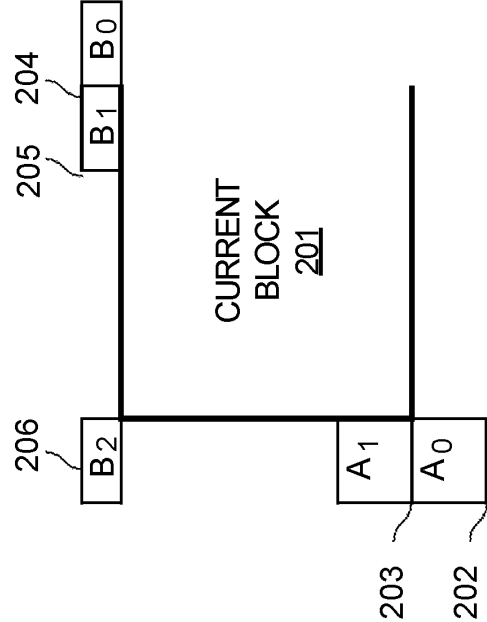
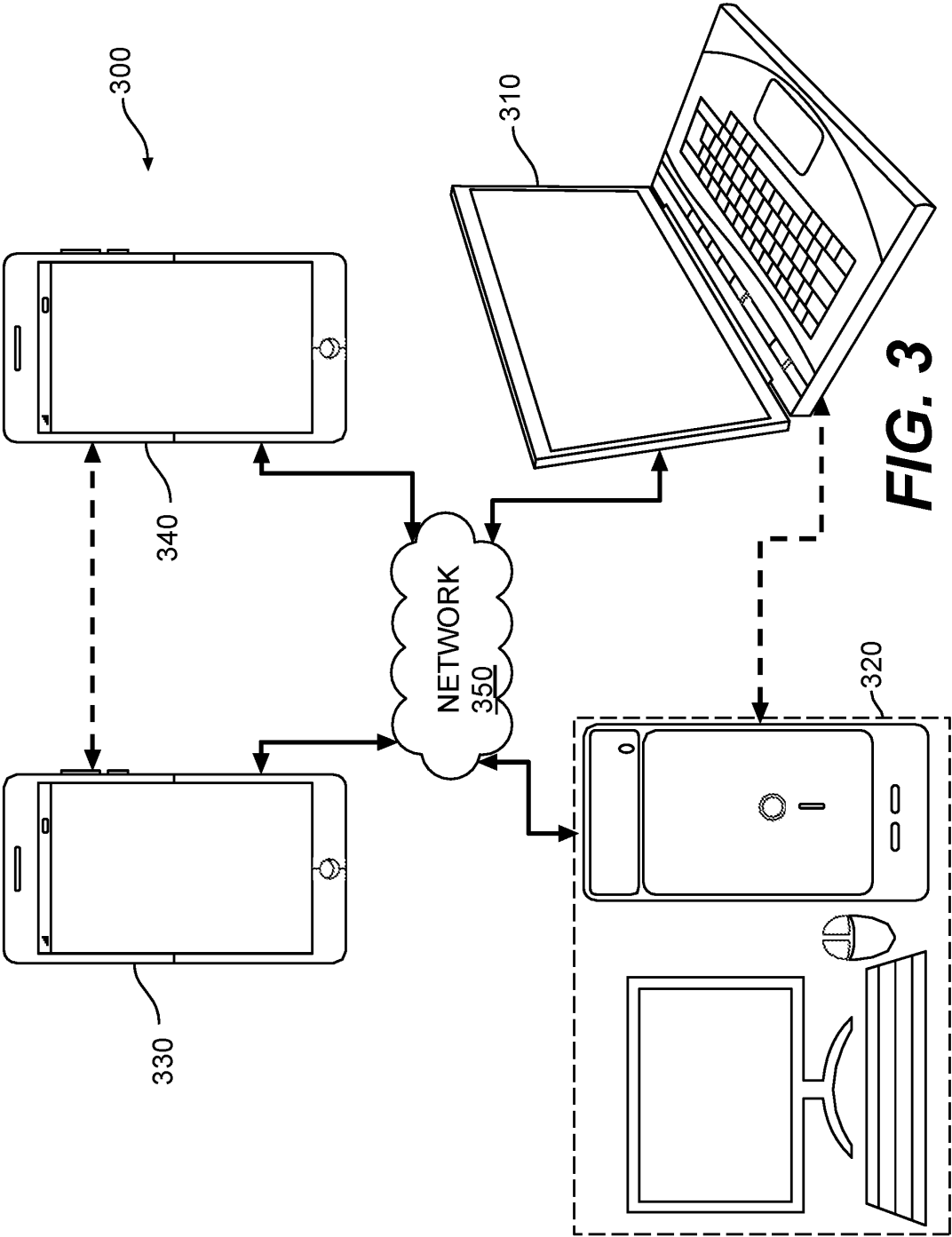


FIG. 2



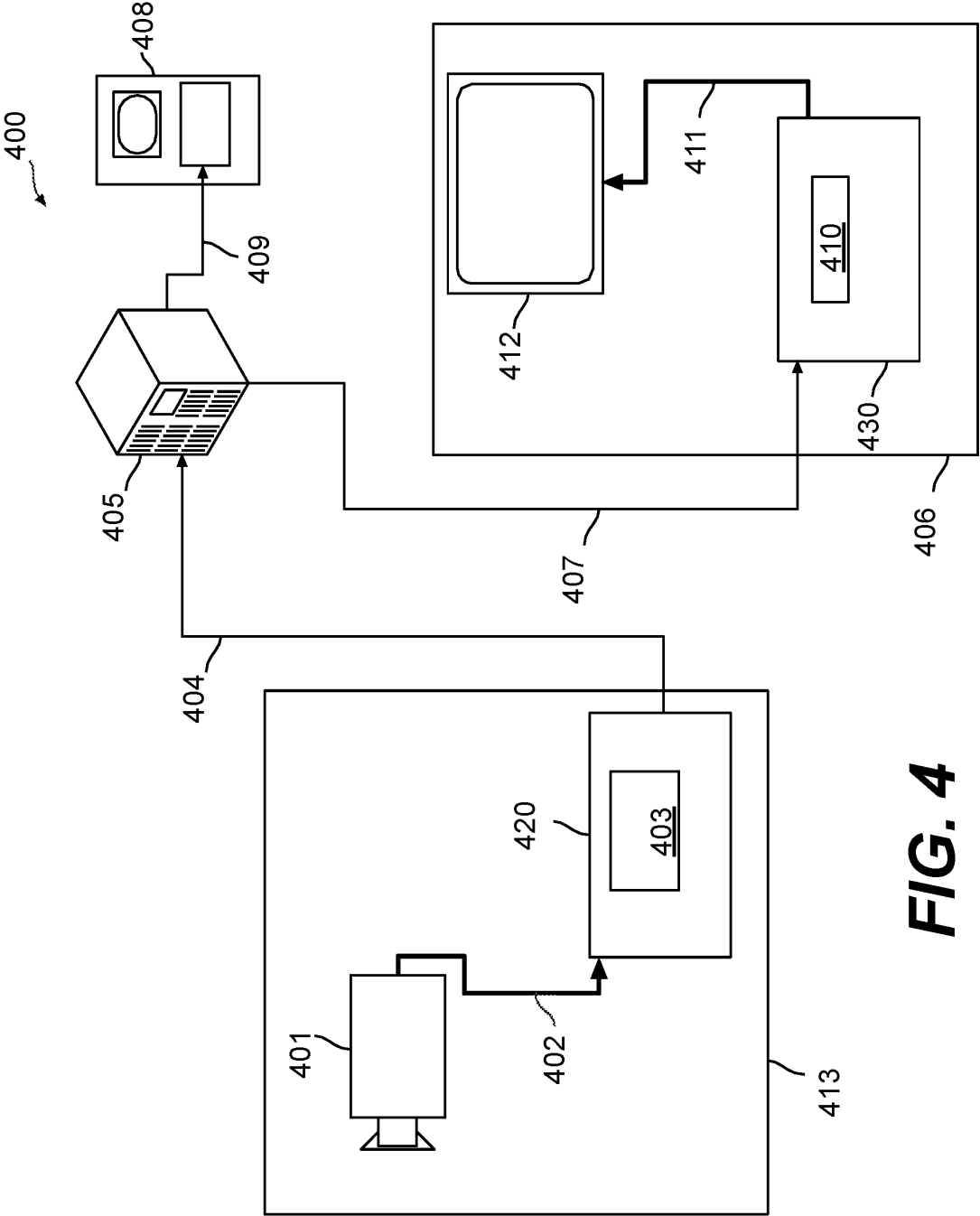
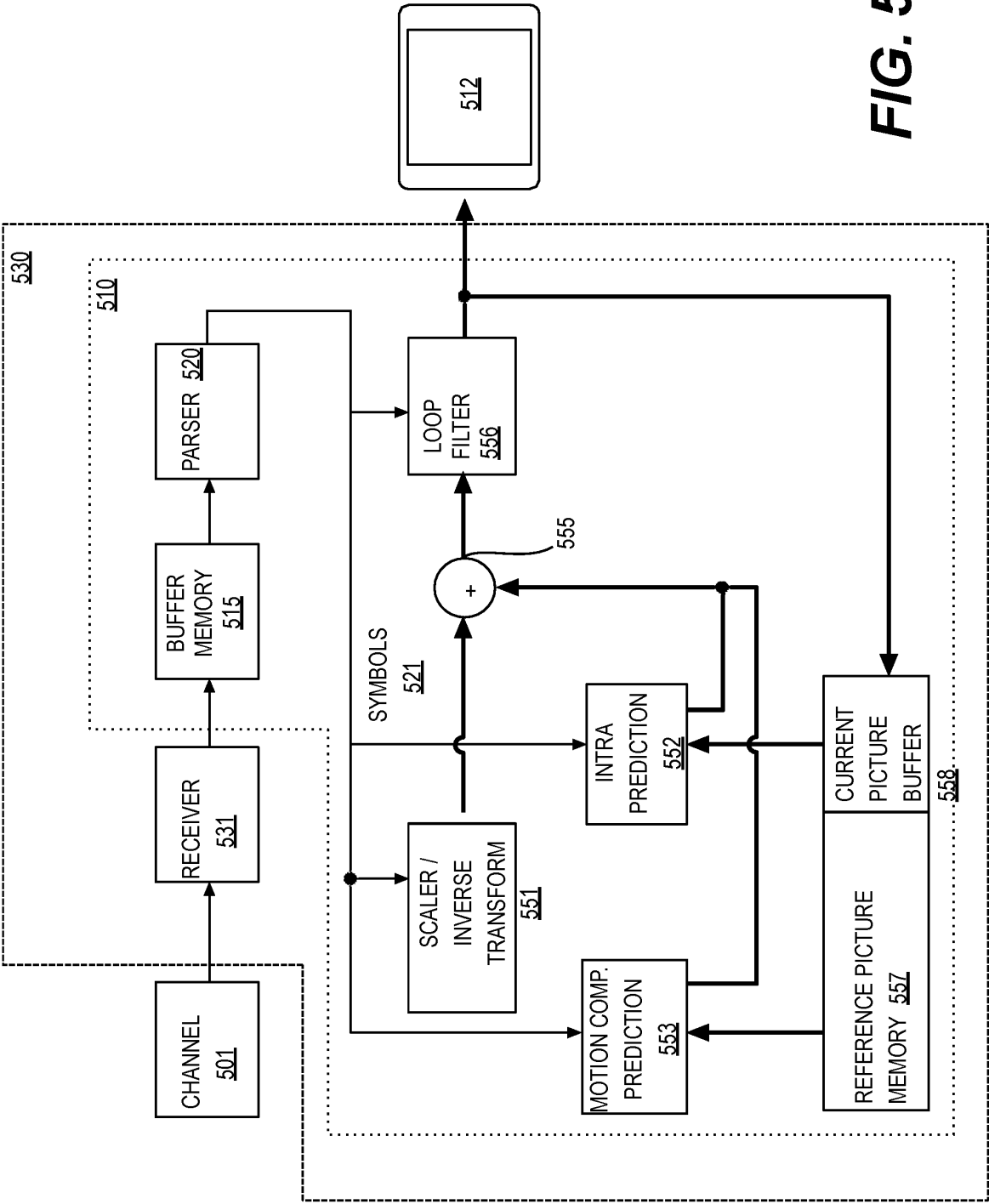


FIG. 4



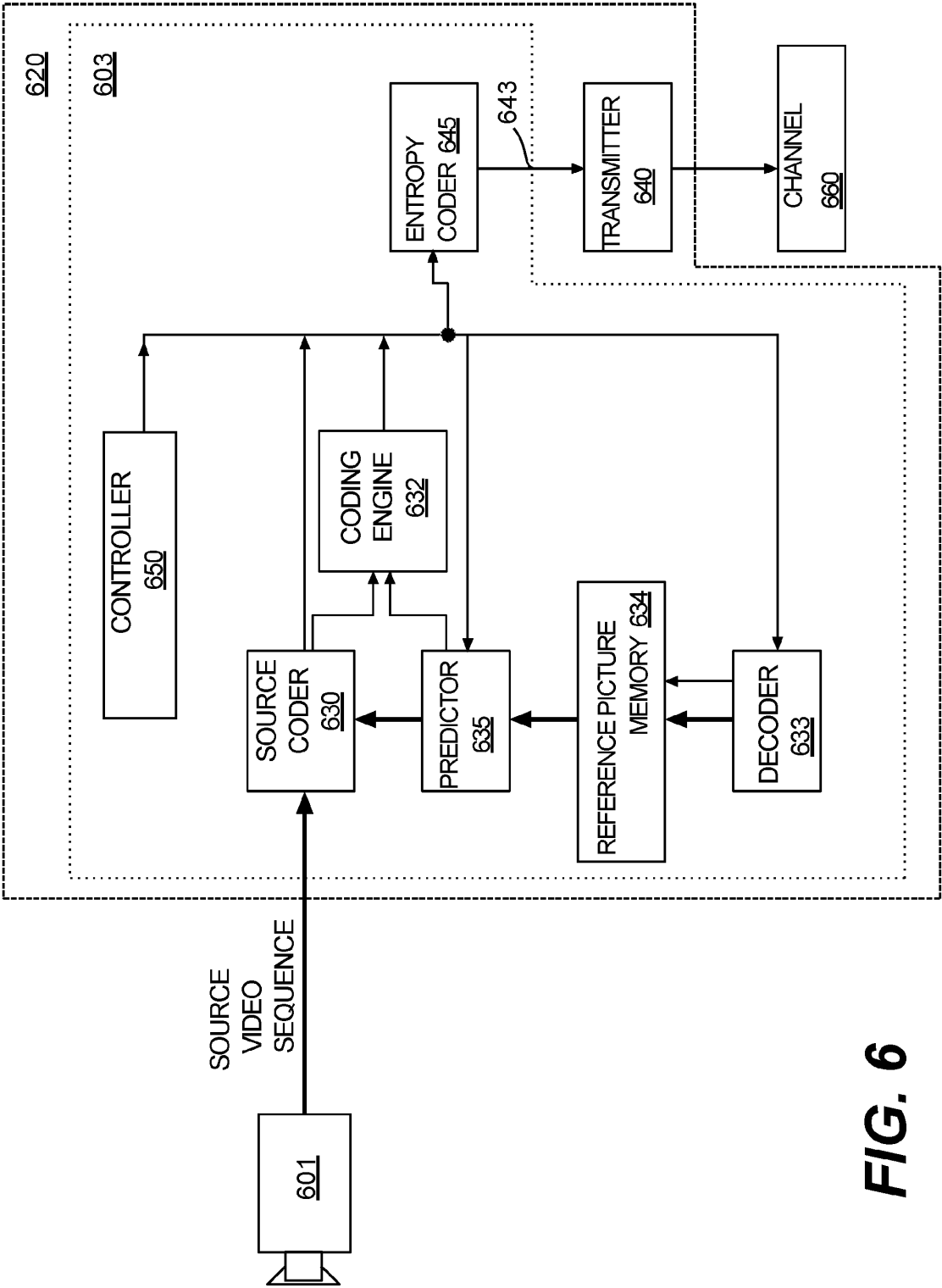


FIG. 6

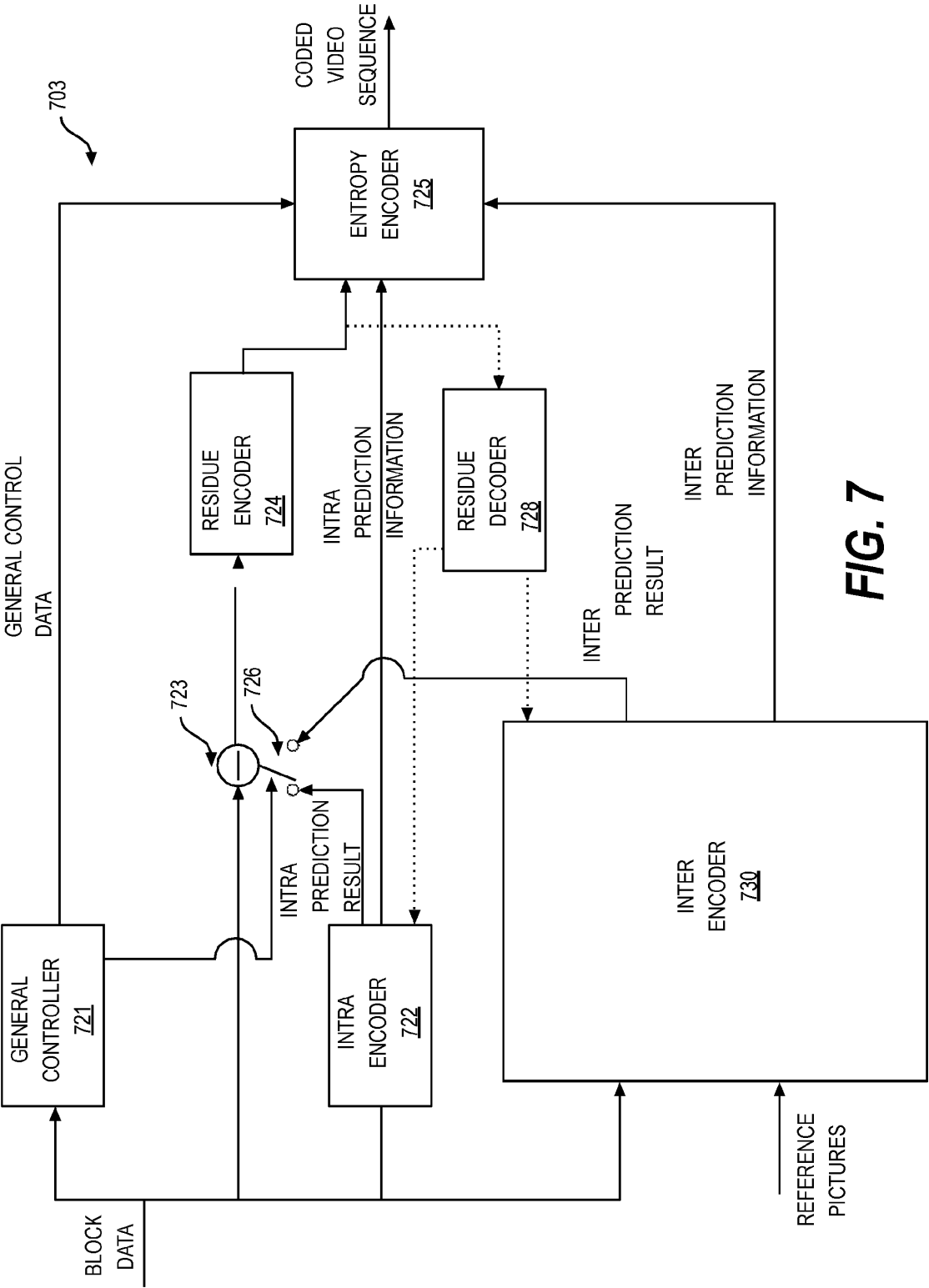


FIG. 7

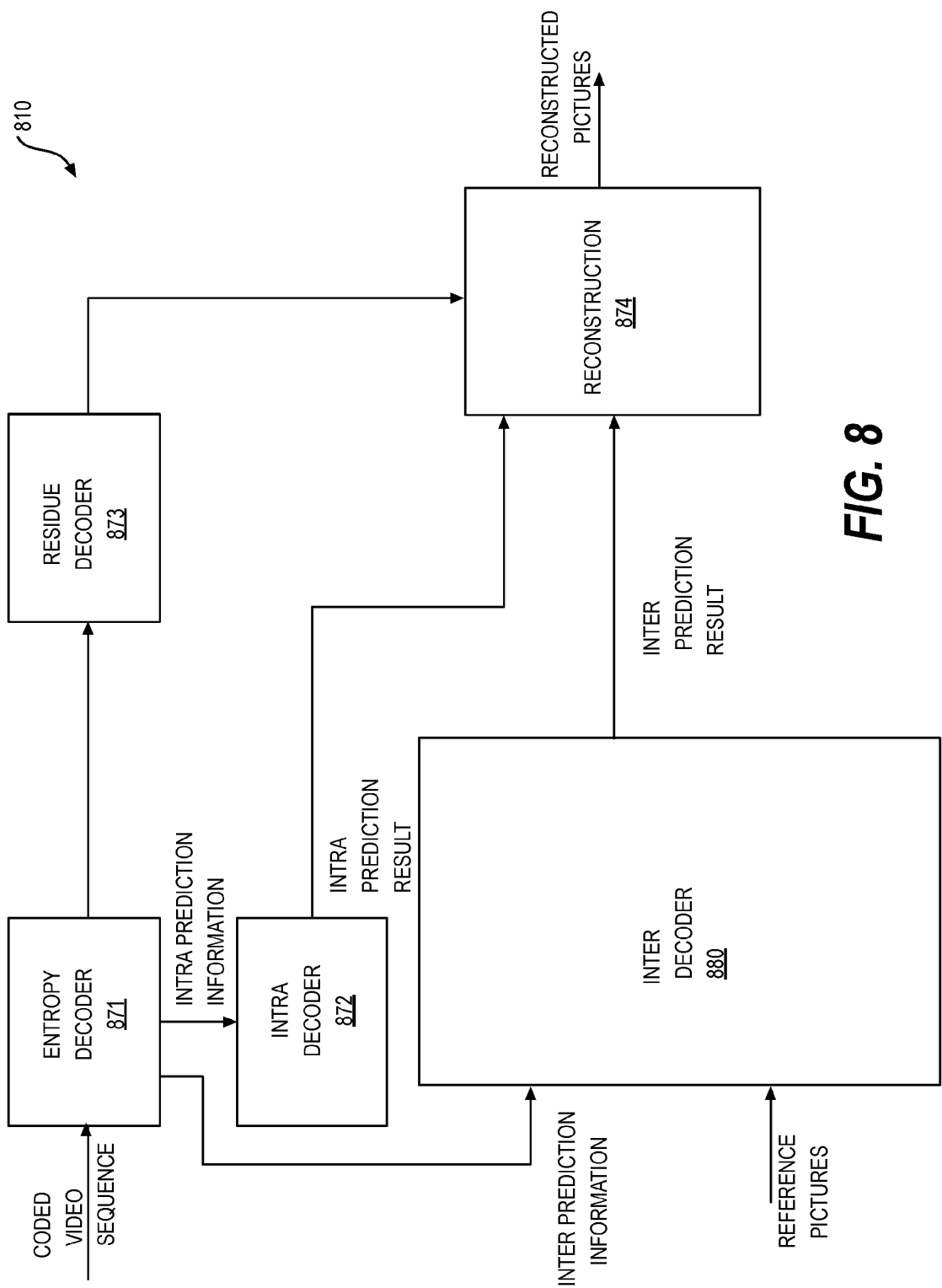


FIG. 8

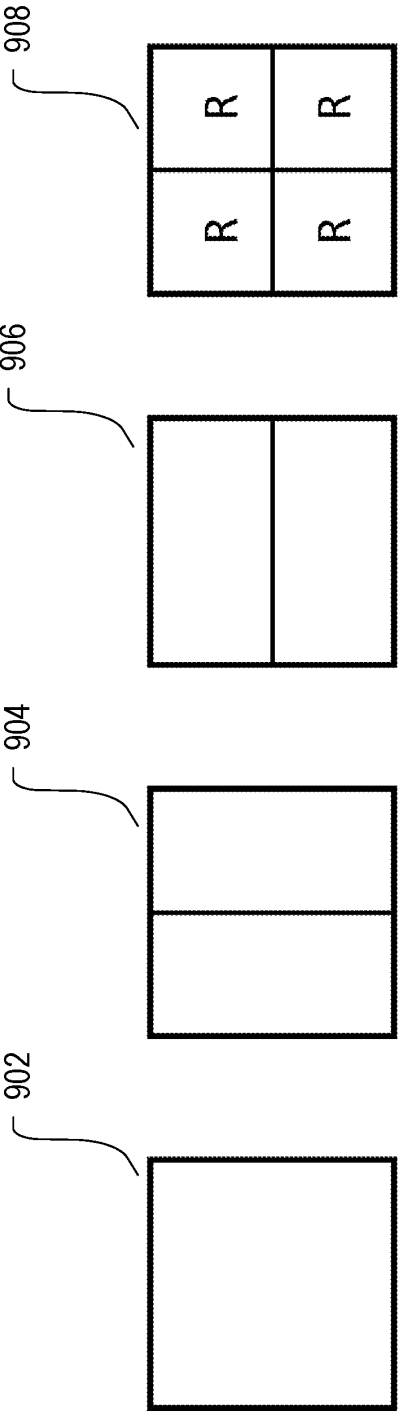


FIG. 9

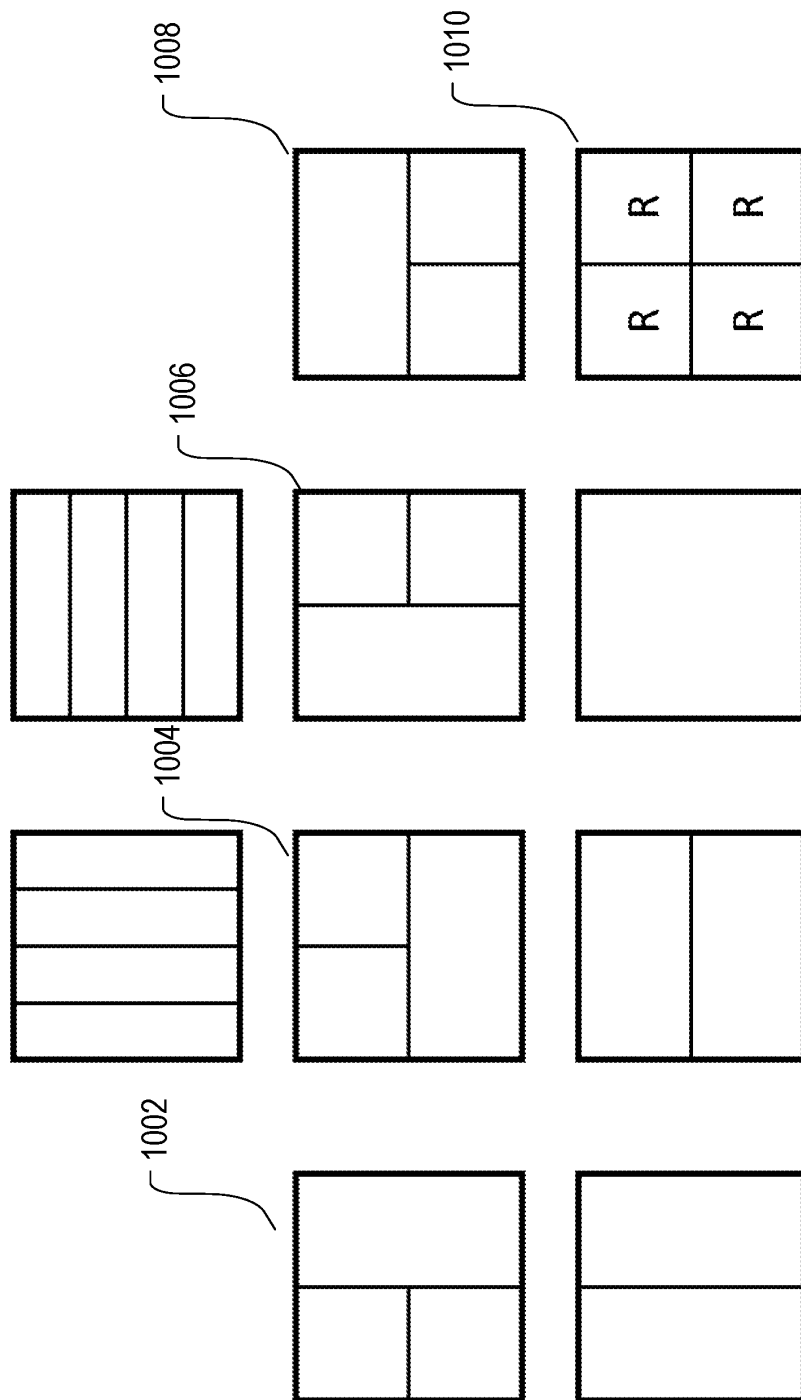


FIG. 10

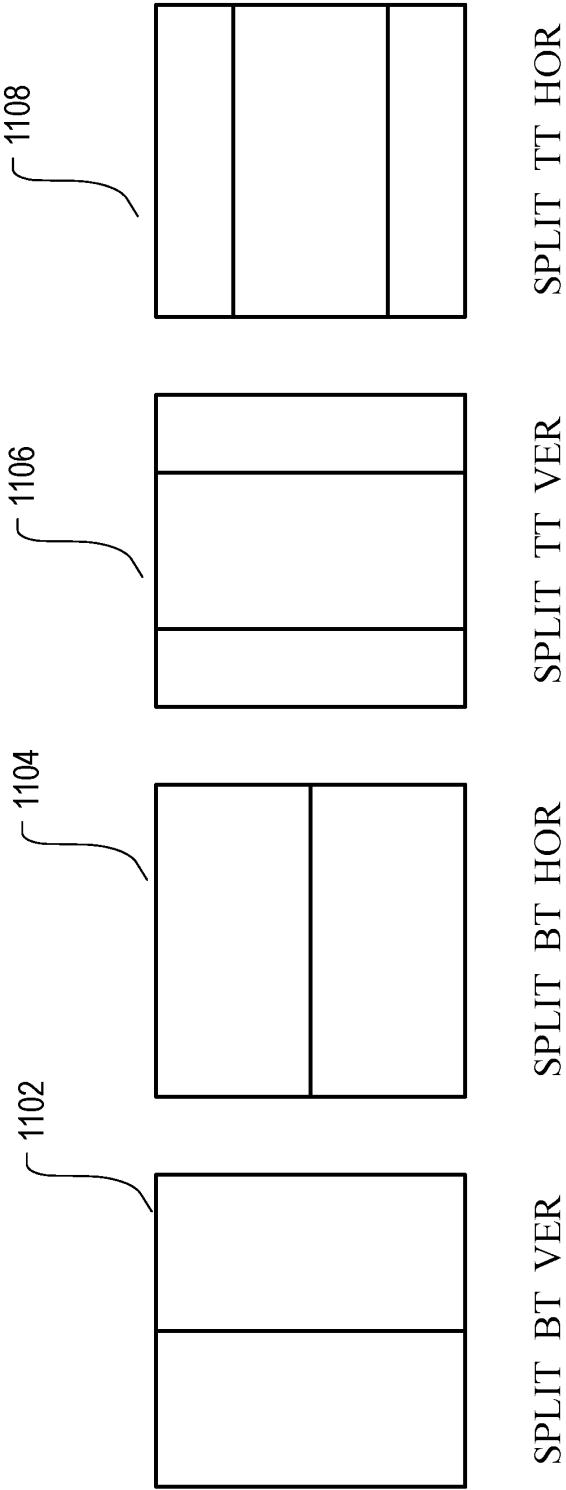


FIG. 11

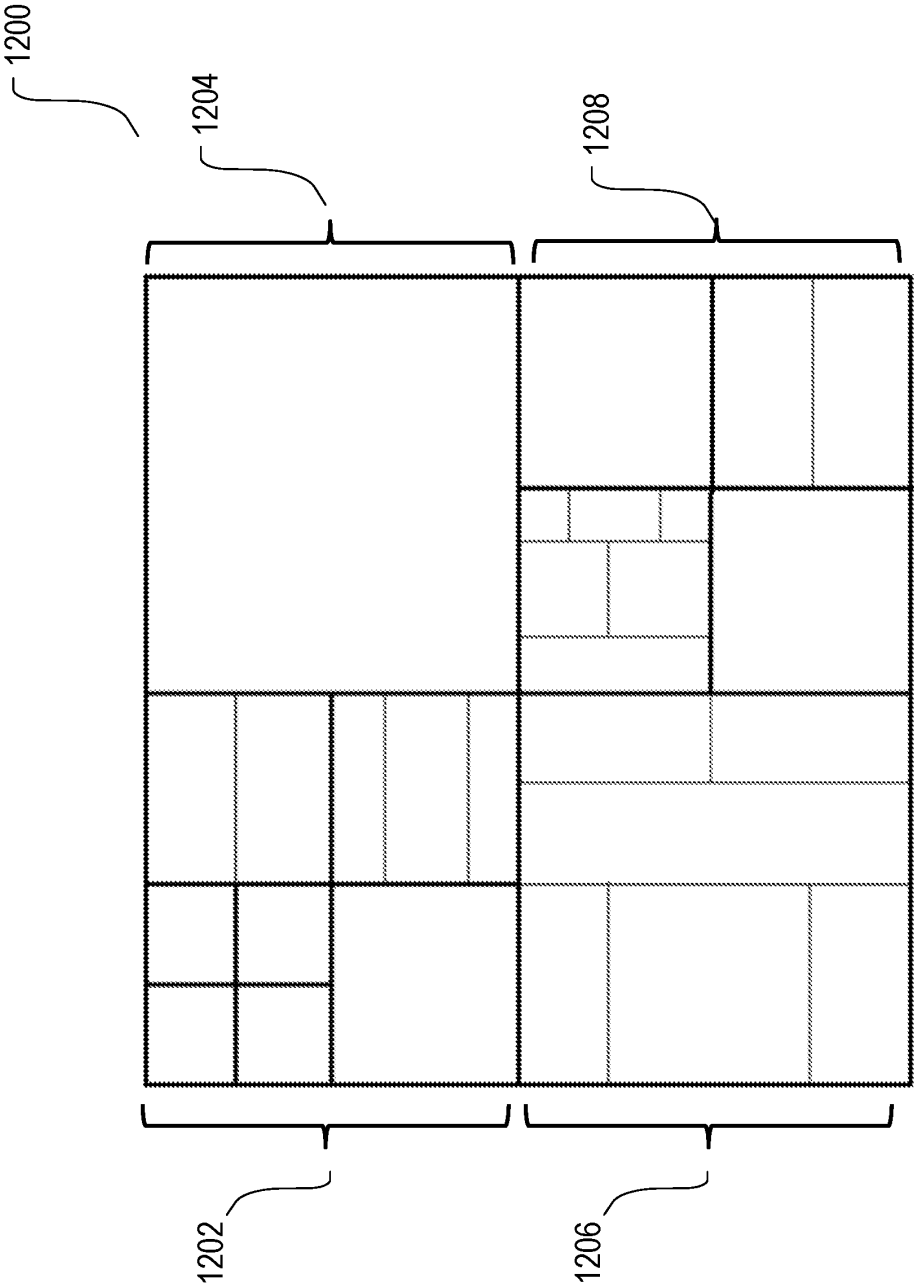


FIG. 12

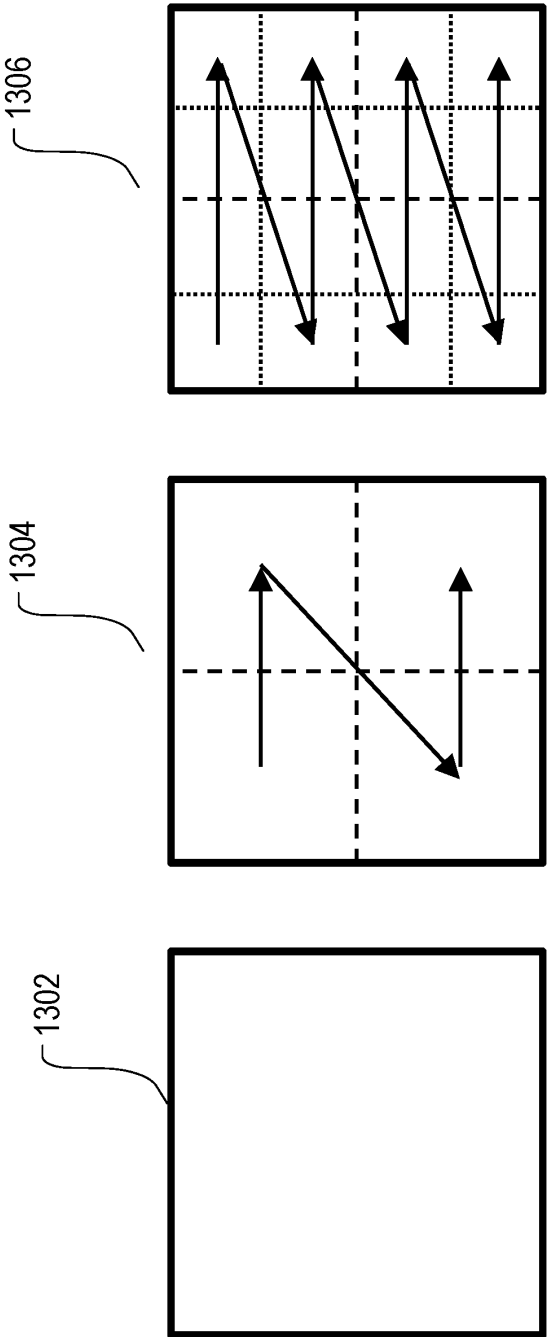


FIG. 13

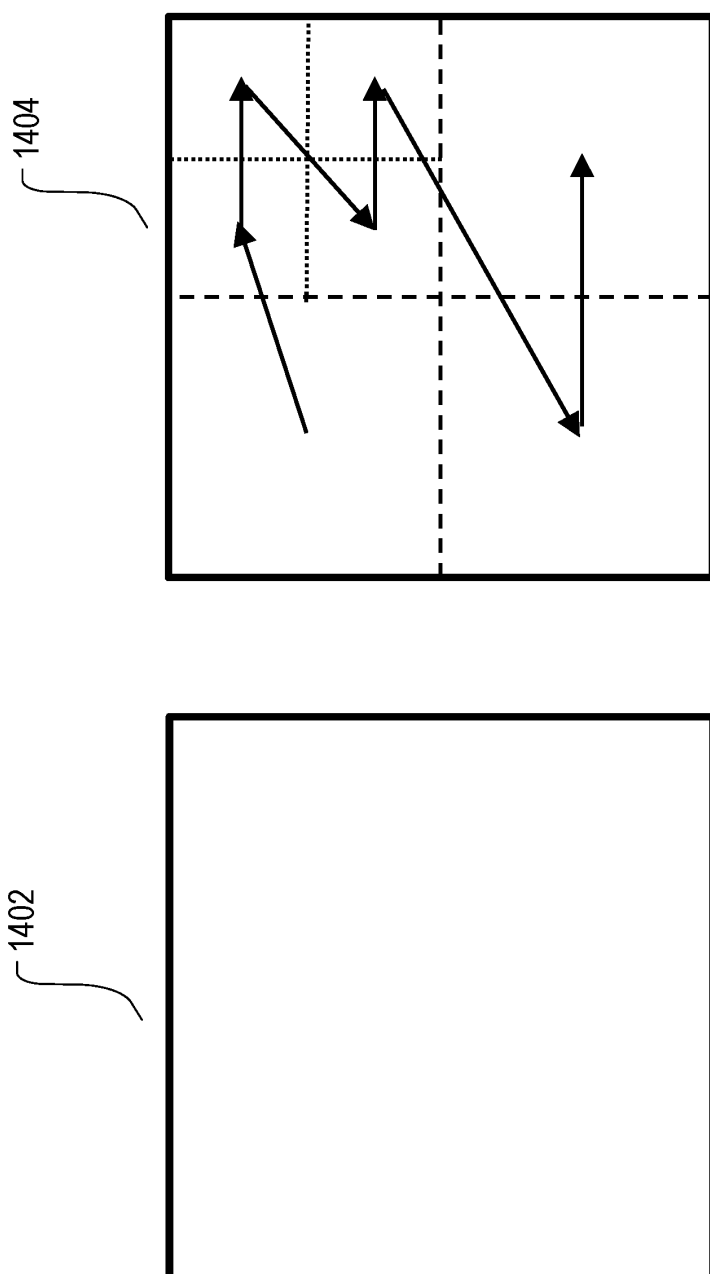


FIG. 14

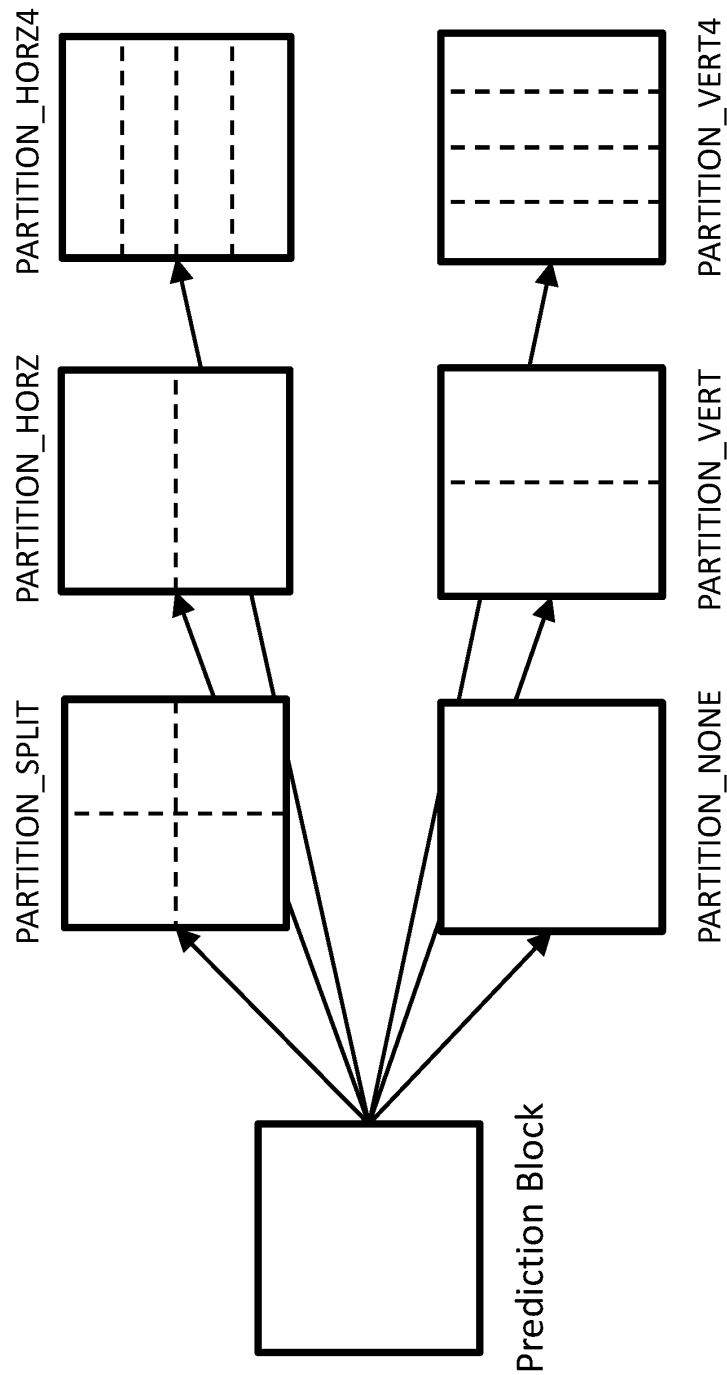


FIG. 15

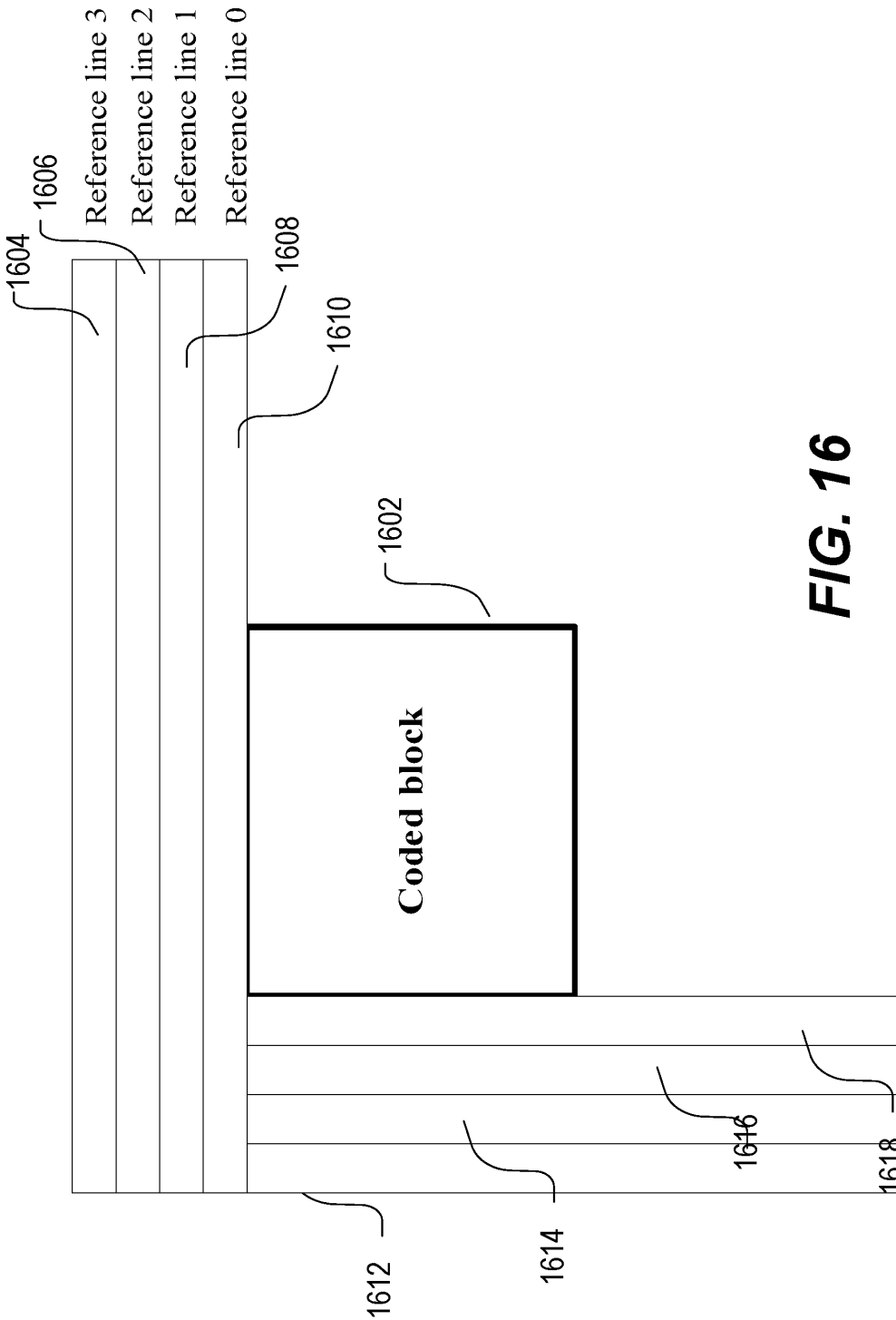
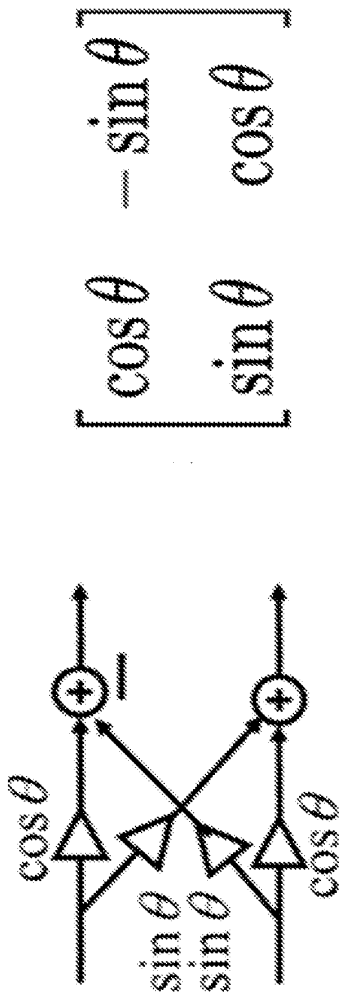


FIG. 16



$$\begin{bmatrix} \cos \theta & -\sin \theta \\ \sin \theta & \cos \theta \end{bmatrix}$$

FIG. 17

```
Cos128_Lookup[ 65 ] = {  
    4096, 4095, 4091, 4085, 4076, 4065, 4052, 4036,  
    4017, 3996, 3973, 3948, 3920, 3889, 3857, 3822,  
    3784, 3745, 3703, 3659, 3612, 3564, 3513, 3461,  
    3406, 3349, 3290, 3229, 3166, 3102, 3035, 2967,  
    2896, 2824, 2751, 2675, 2598, 2520, 2440, 2359,  
    2276, 2191, 2106, 2019, 1931, 1842, 1751, 1660,  
    1567, 1474, 1380, 1285, 1189, 1092, 995, 897,  
    799, 700, 601, 501, 401, 301, 201, 101, 0  
}
```

FIG. 18

Symbol	Value
SINPI_1_9	1321
SINPI_2_9	2482
SINPI_3_9	3344
SINPI_4_9	3803

FIG. 19

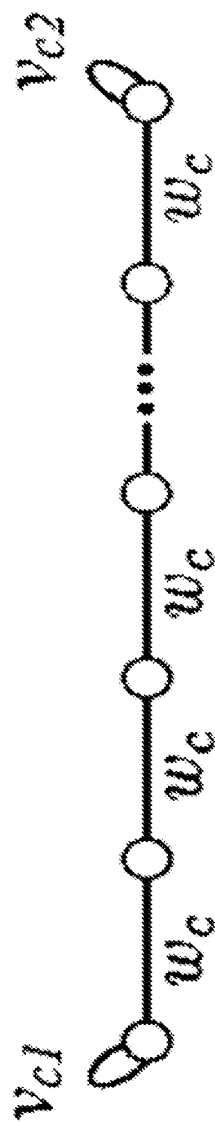


FIG. 20

DC_PRED	V_PRED	H_PRED	D45_PRED	D135_PRED	D113_PRED	D157_PRED	D203_PRED
0	1	2	3	4	5	6	7

D67_PRED	SMOOTH_PRED	SMOOTH_V_PRED	SMOOTH_H_PRED
8	9	10	11

FIG. 21

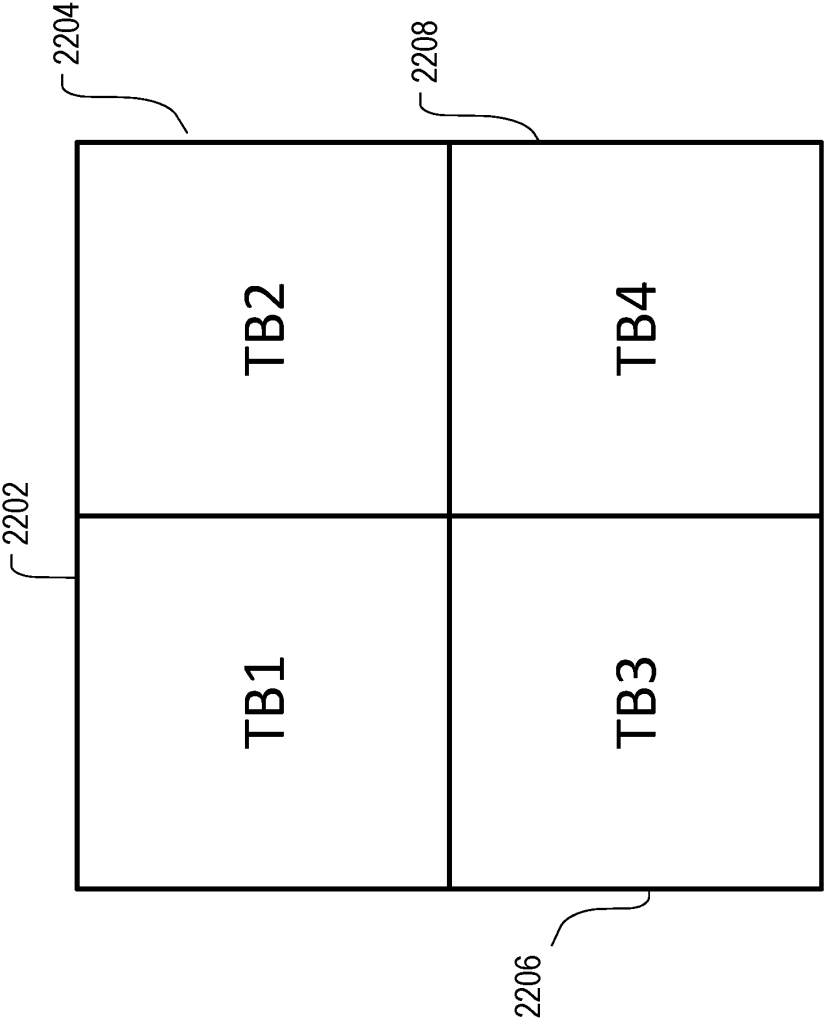
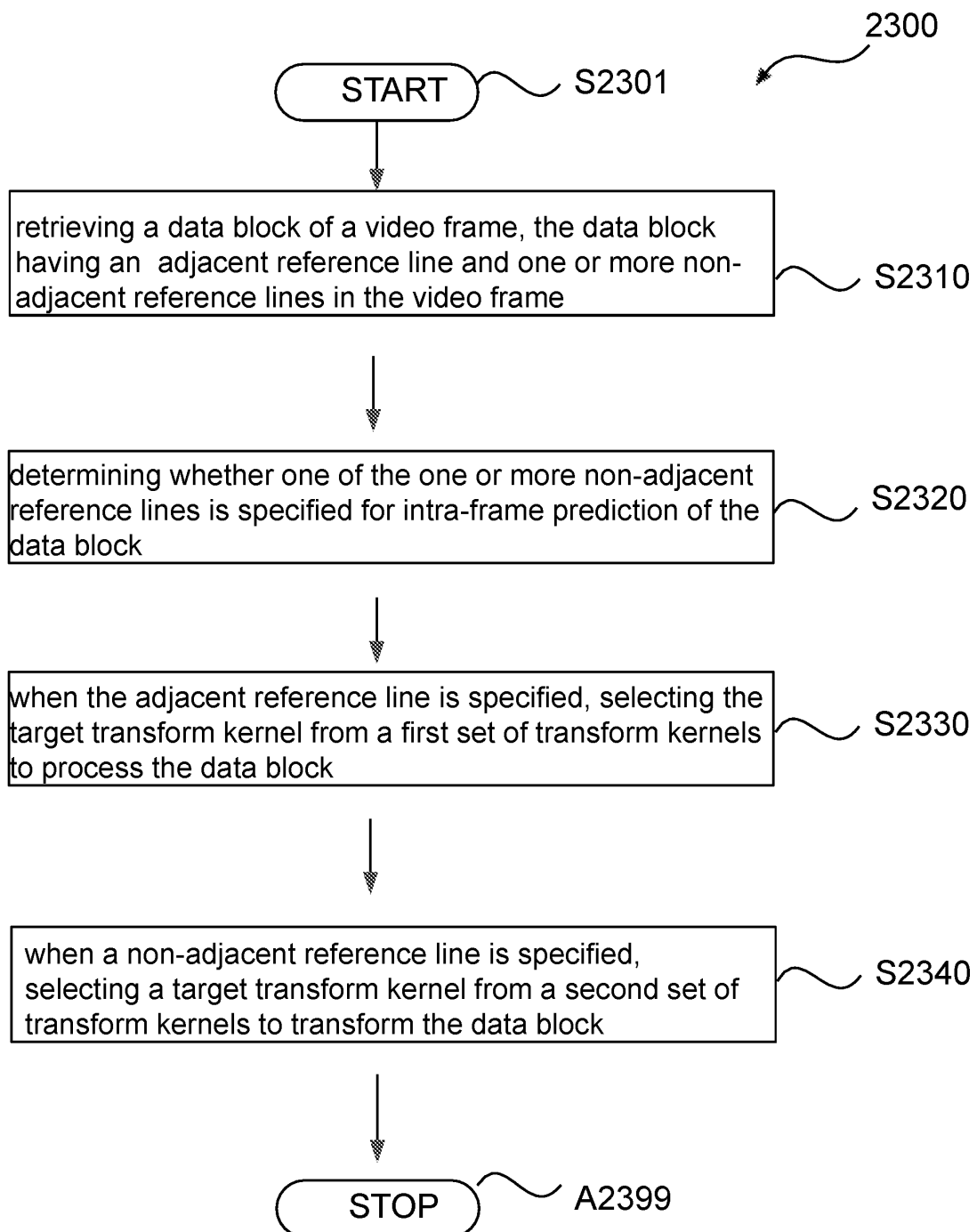
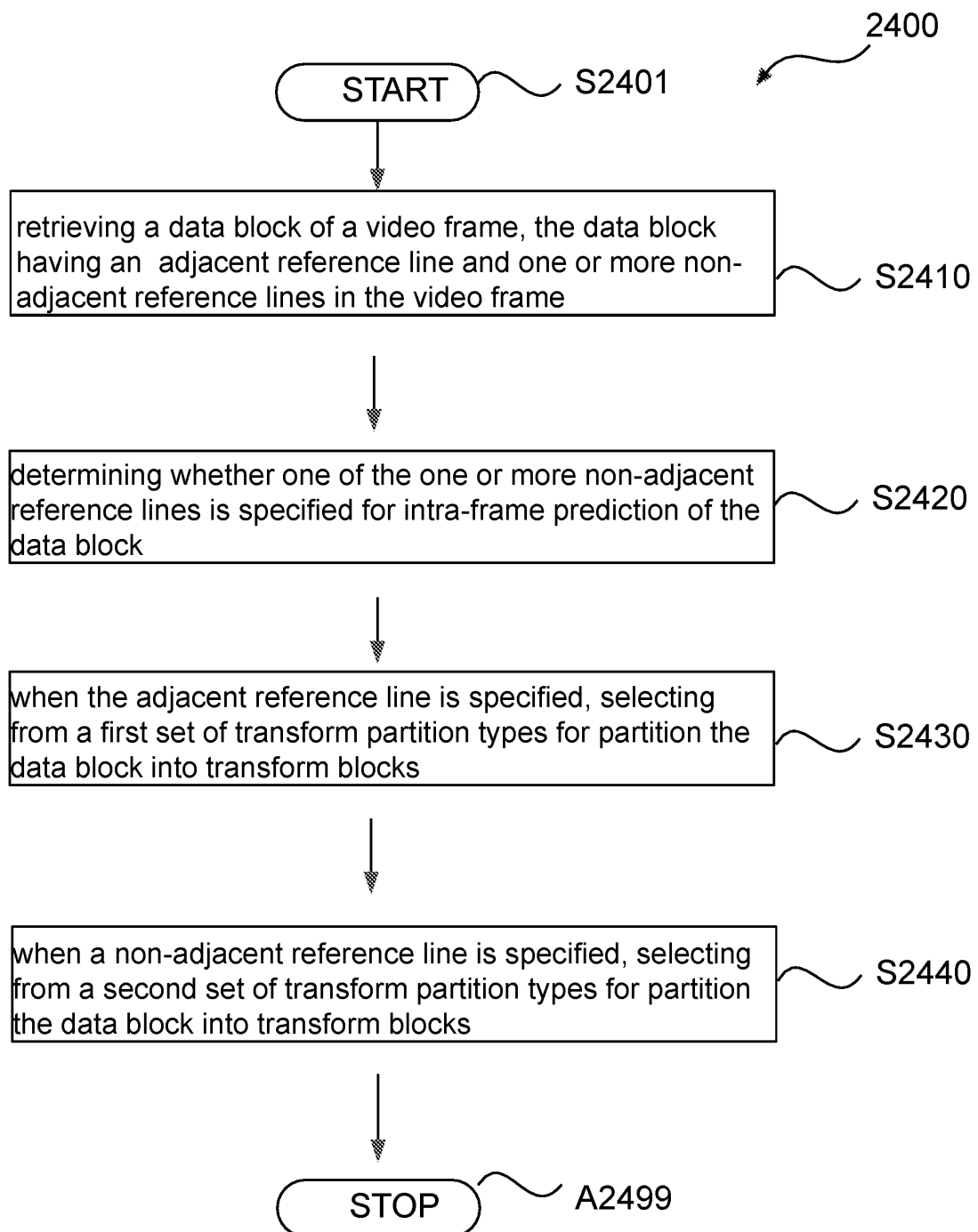
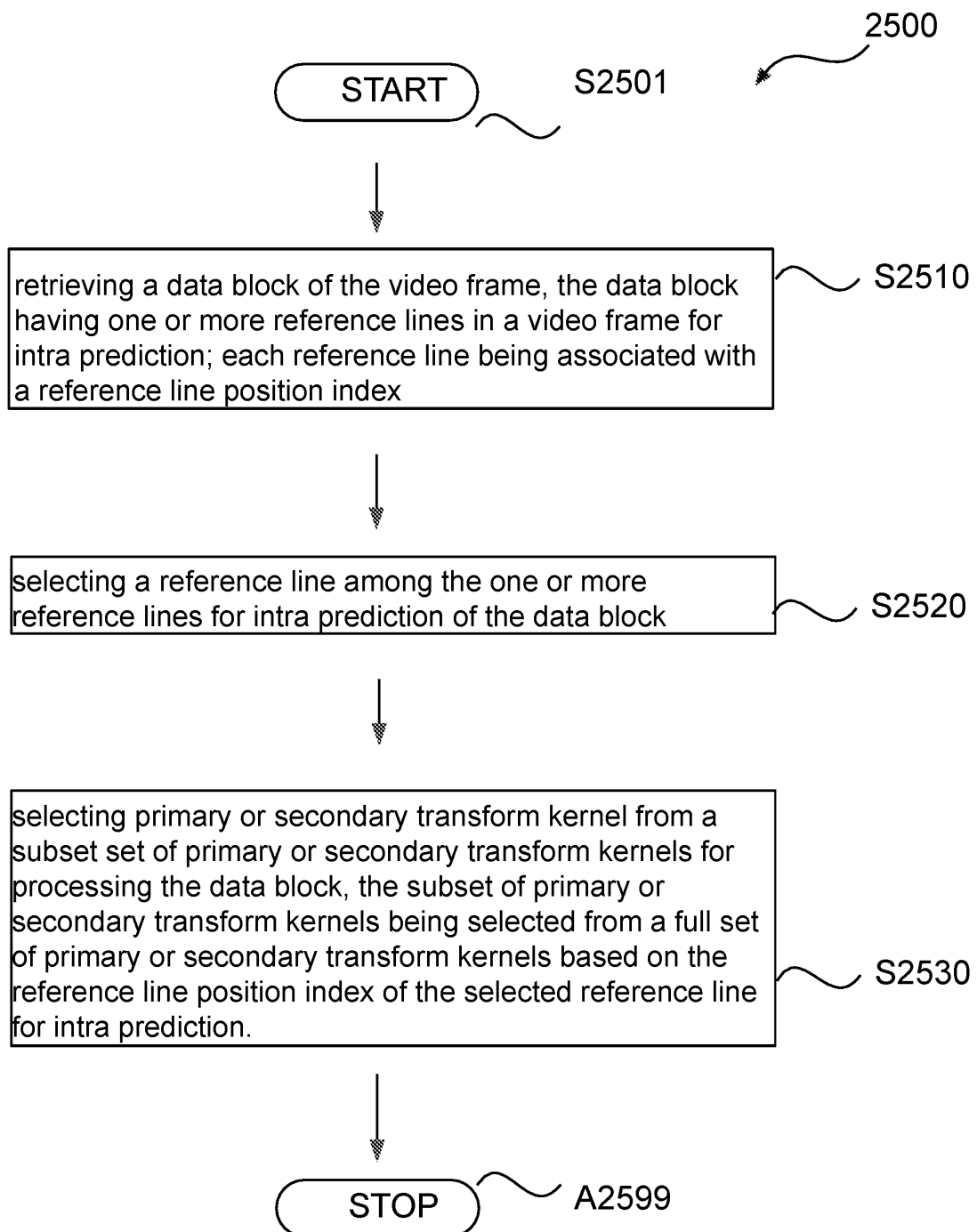


FIG. 22

**FIG. 23**

**FIG. 24**

**FIG. 25**

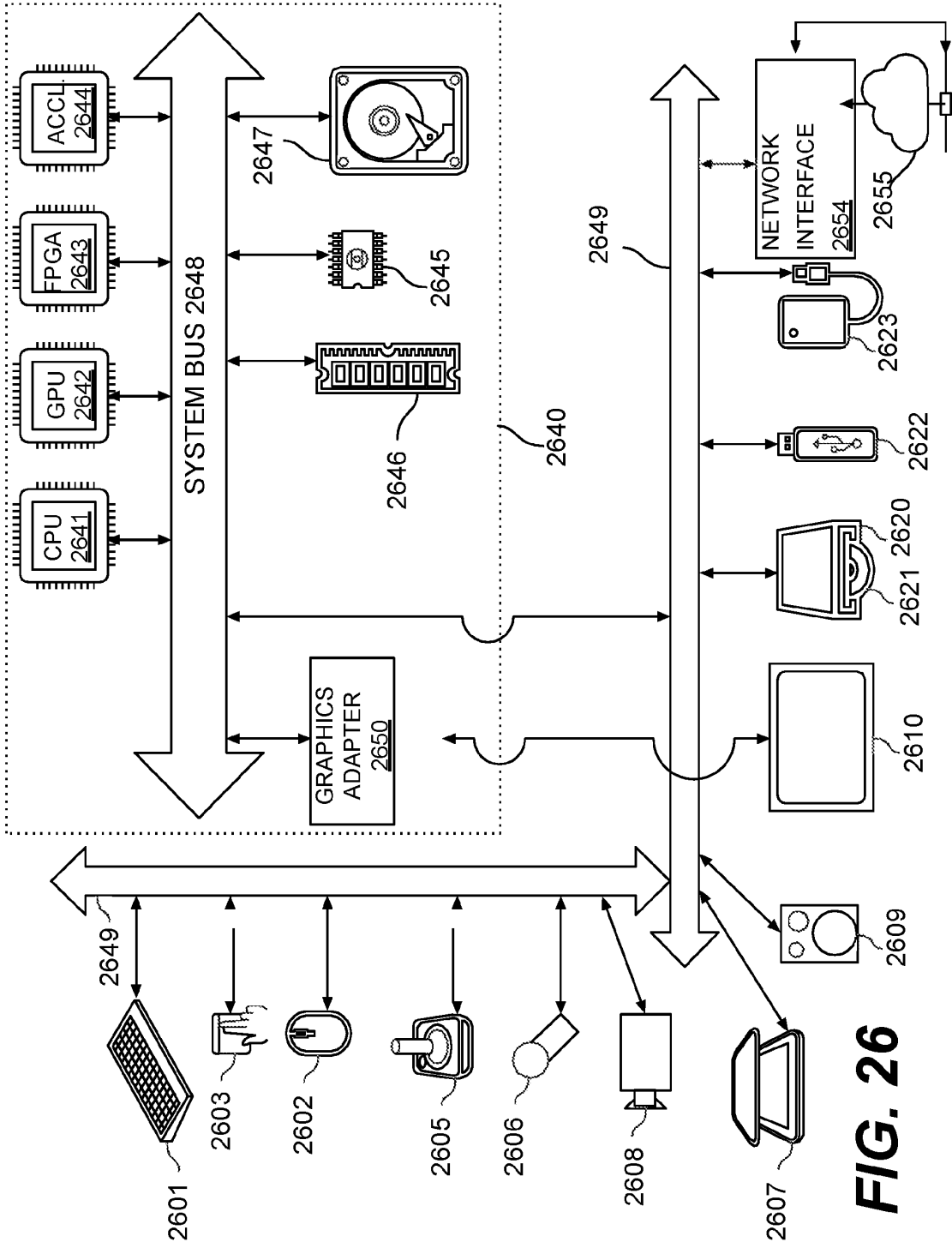


FIG. 26