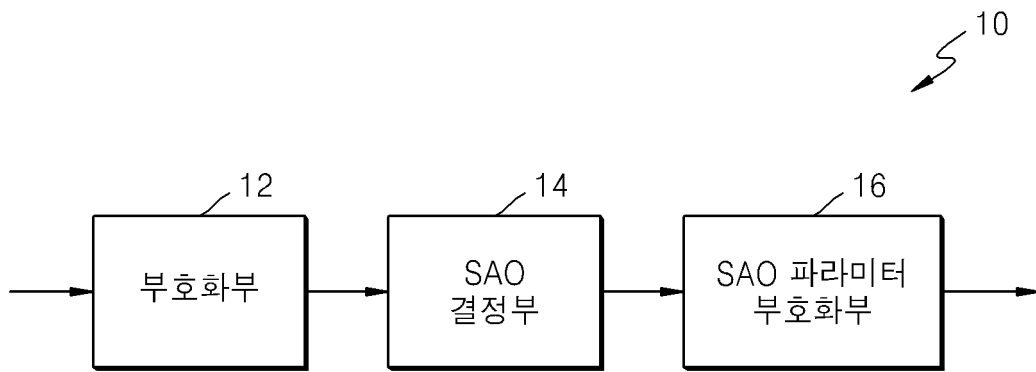
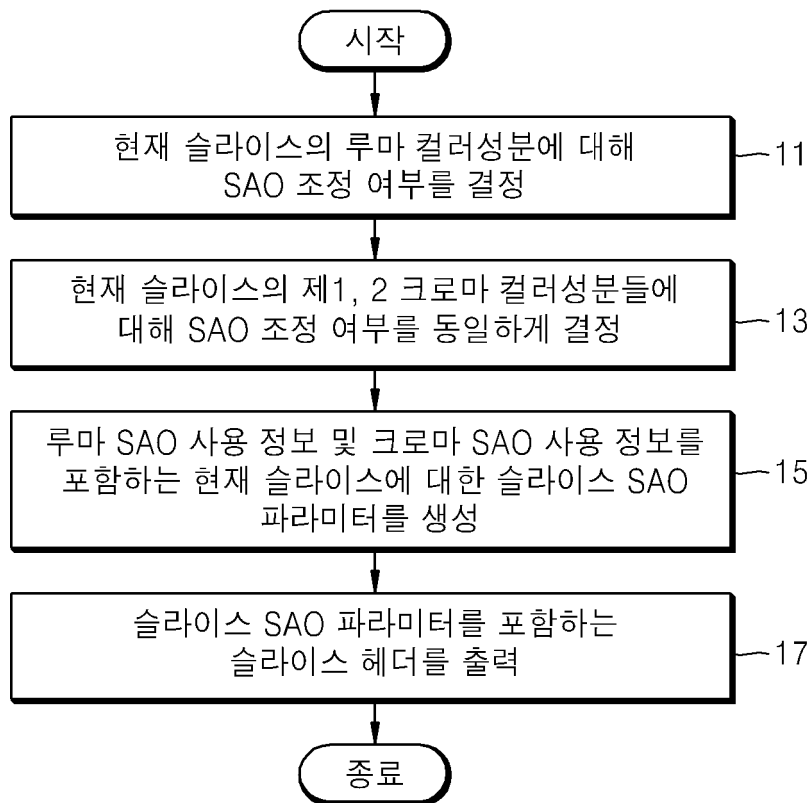


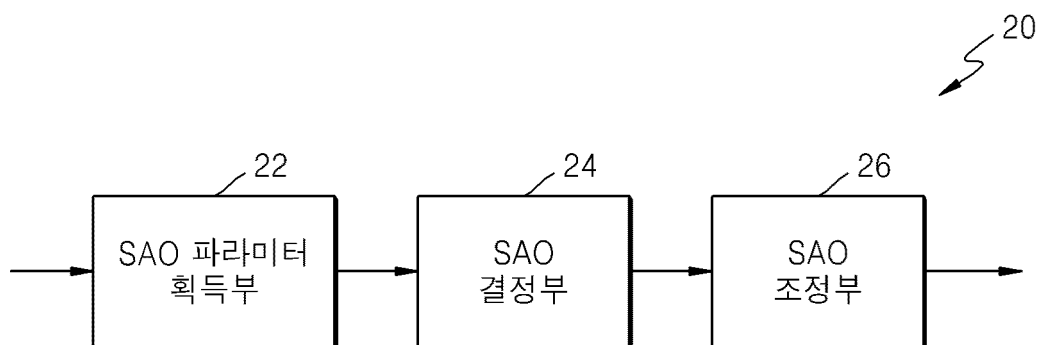
[Fig. 1a]



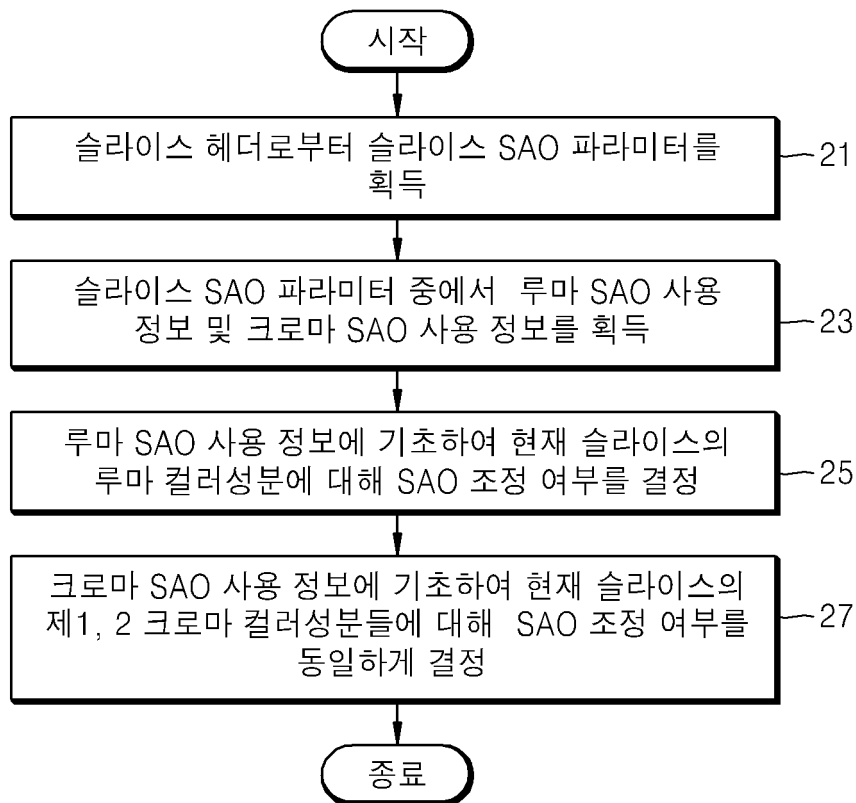
[Fig. 1b]



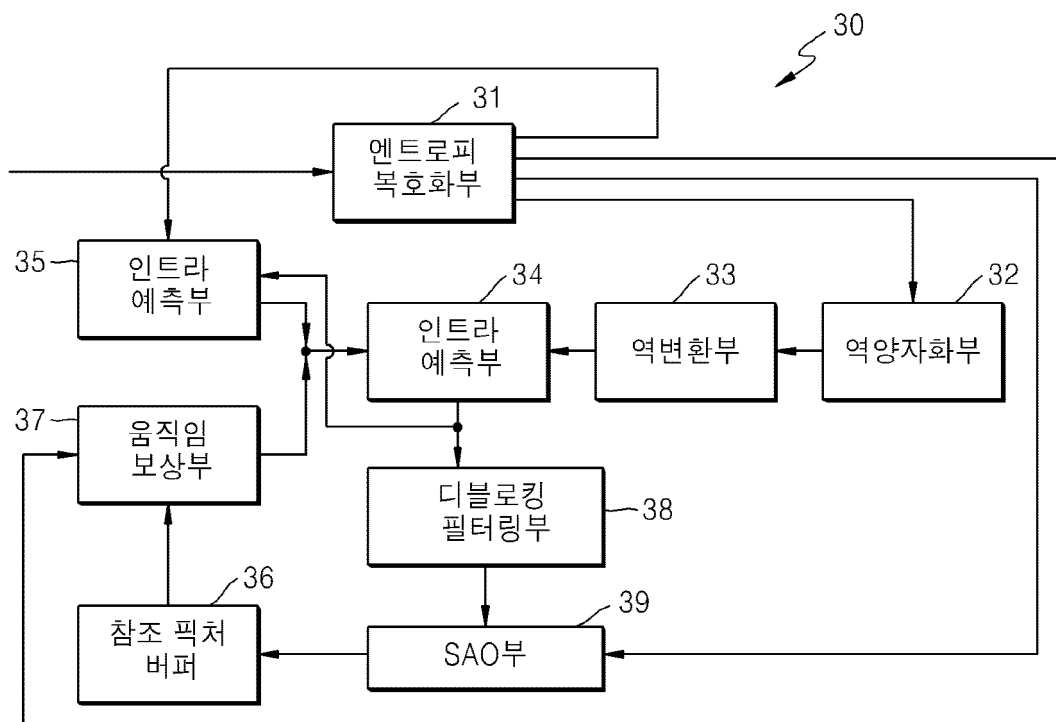
[Fig. 2a]



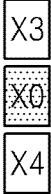
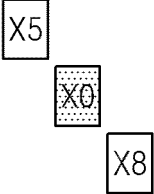
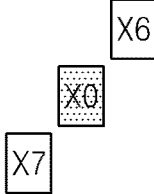
[Fig. 2b]



[Fig. 3]



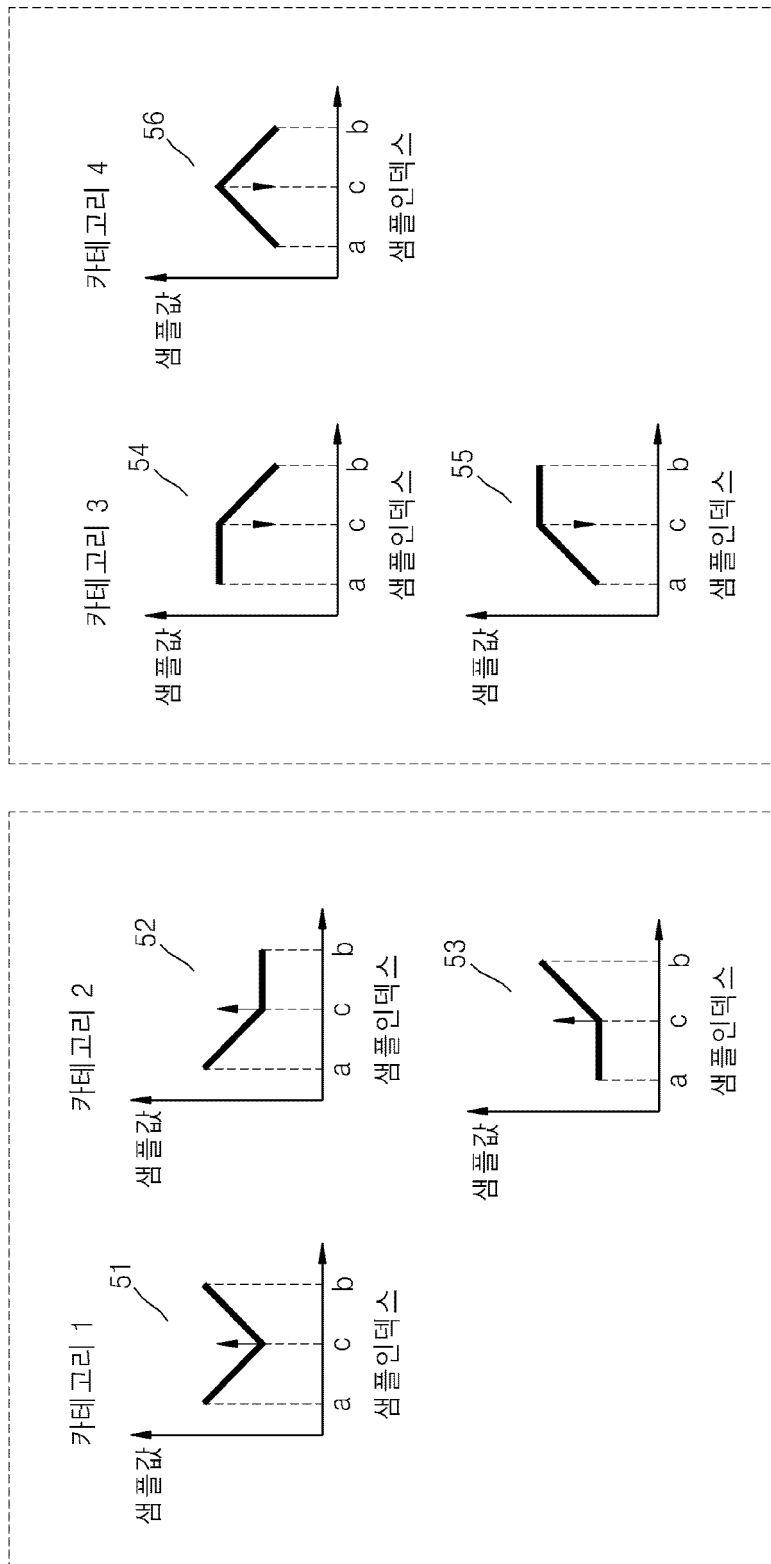
[Fig. 4]

41 EO 클래스 = 0	42 EO 클래스 = 1	43 EO 클래스 = 2	44 EO 클래스 = 3
수평	수직	135° 대각선	45° 대각선
			

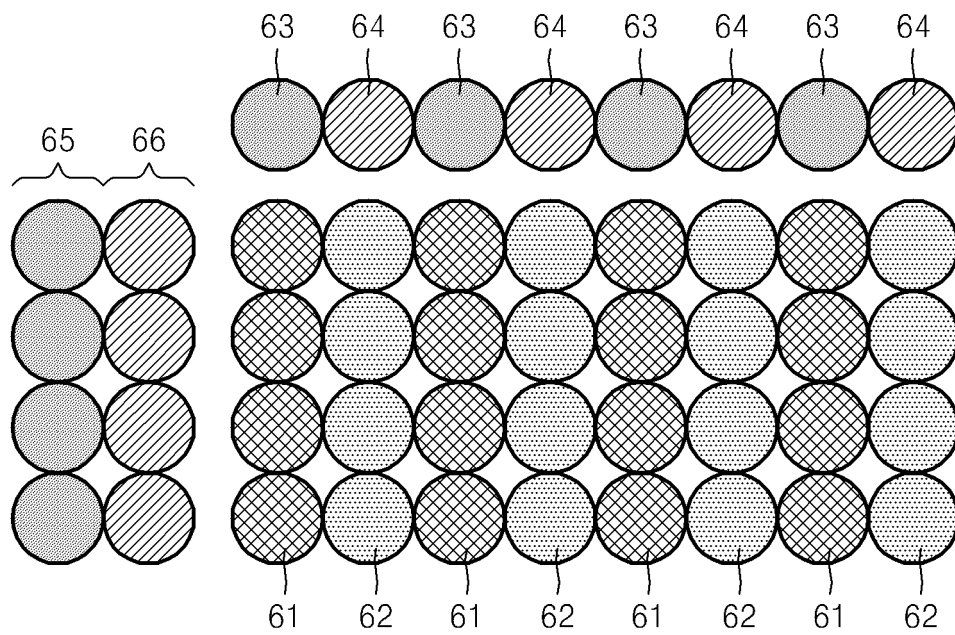
[Fig. 5a]

카테고리	조건
1	$X_c < X_a \ \&\& \ X_c < X_b$
2	$(X_c < X_a \ \&\& \ X_c == X_b) \parallel (X_c == X_a \ \&\& \ X_c < X_b)$
3	$(X_c > X_a \ \&\& \ X_c == X_b) \parallel (X_c == X_a \ \&\& \ X_c > X_b)$
4	$X_c > X_a \ \&\& \ X_c > X_b$
0	카테고리 1, 2, 3, 4 조건 불충족시

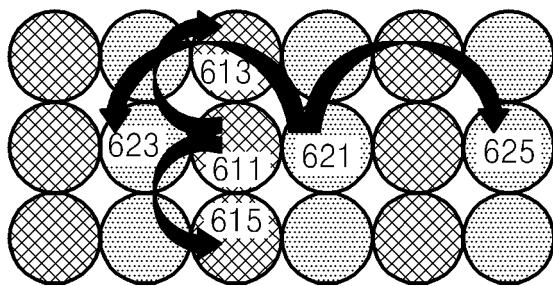
[Fig. 5b]



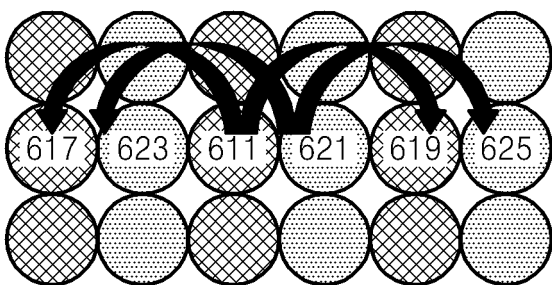
[Fig. 6a]



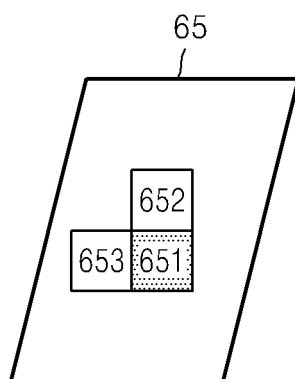
[Fig. 6b]



[Fig. 6c]



[Fig. 7a]



[Fig. 7b]

700	slice_header() {
	...
	if(sample_adaptive_offset_enabled_flag) {
	slice_sample_adaptive_offset_flag[0] --- 701
	if(slice_sample_adaptive_offset_flag[0]) {
	slice_sample_adaptive_offset_flag[1] --- 702
	slice_sample_adaptive_offset_flag[2] = slice_sample_adaptive_offset_flag[1]
	} --- 703
	}
	
	}

705	slice_data() {...
	for(cldx = 0; cldx < 3; cldx++)
	if(slice_sample_adaptive_offset_flag[cldx])
	sao_unit_cabac(xCtb, yCtb, cldx) --- 706
	...}

[Fig. 7c]

706

```

sao_unit_cabac( rx, ry, cldx ){
    if( rx > 0 ) {
        if( CtbAddrInSlice != 0 &&
           TileId[ CtbAddrTS ] = TileId[ CtbAddrRStoTS[ CtbAddrRS - 1 ] ] )
            sao_merge_left_flag [rx][ry] — 707
    }
    if( !sao_merge_left_flag [rx][ry] {
        if( ry > 0 ) {
            if( ( ( CtbAddrTS - CtbAddrRStoTS [ CtbAddrRS - PicWidthInCtbs ] ) <=
                CtbAddrInSlice ) &&
                ( TileId[ CtbAddrTS ] = TileId[ CtbAddrRStoTS[ CtbAddrRS -
                PicWidthInCtbs ] ] ) )
                sao_merge_up_flag [rx][ry] — 708
        }
        if( !sao_merge_up_flag [rx][ry] )
            sao_offset_cabac( rx, ry, cldx ) — 709
    }
}

```

[Fig. 7d]

709

```

sao_offset_cabac( rx, ry, cldx ) {
    sao_type_idx[ cldx ][ rx ][ ry ] — 711
    ...
    if( sao_type_idx[ cldx ][ rx ][ ry ] != 0 ) {
        for( i = 0; i < 4; i++ )
            sao_offset[ cldx ][ rx ][ ry ][ i ] — 713
    }
    if( sao_type_idx[ cldx ][ rx ][ ry ] == 5 ) {
        for( i = 0; i < 4; i++ ) {
            if( sao_offset[ cldx ][ rx ][ ry ] != 0 )
                sao_offset_sign[ cldx ][ rx ][ ry ][ i ] — 715
        }
    }
}

```

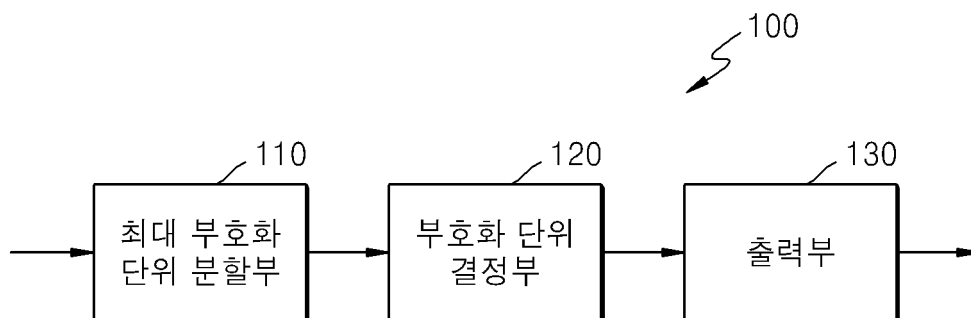
[Fig. 7e]

if(sao_type_idx[cldx][rx][ry] != 0) {
for(i = 0; i < 4; i++)
sao_offset_abs_1st_bin[cldx][rx][ry][i] — 721
for(i = 0; i < 4; i++)
if (sao_offset_abs_1st_bin[cldx][rx][ry][i])
sao_offset_abs_remain_bins[cldx][rx][ry][i] — 723
}

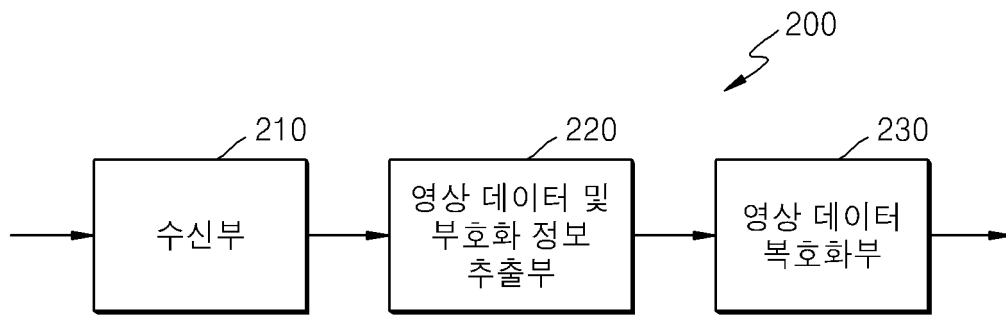
[Fig. 7f]

sao_unit_cabac(rx, ry, cldx){
...
if(!sao_merge_up_flag){
sao_type_idx[cldx][rx][ry] — 711
if(sao_type_idx[cldx][rx][ry] != 0) {
for(i = 0; i < 4; i++)
sao_offset[cldx][rx][ry][i] — 713
}
if(sao_type_idx[cldx][rx][ry] == 5) {
for(i = 0; i < 4; i++) {
if(sao_offset[cldx][rx][ry] != 0)
sao_offset_sign[cldx][rx][ry][i] — 715
}
sao_band_position[cldx][rx][ry] — 717
}
}
}
}

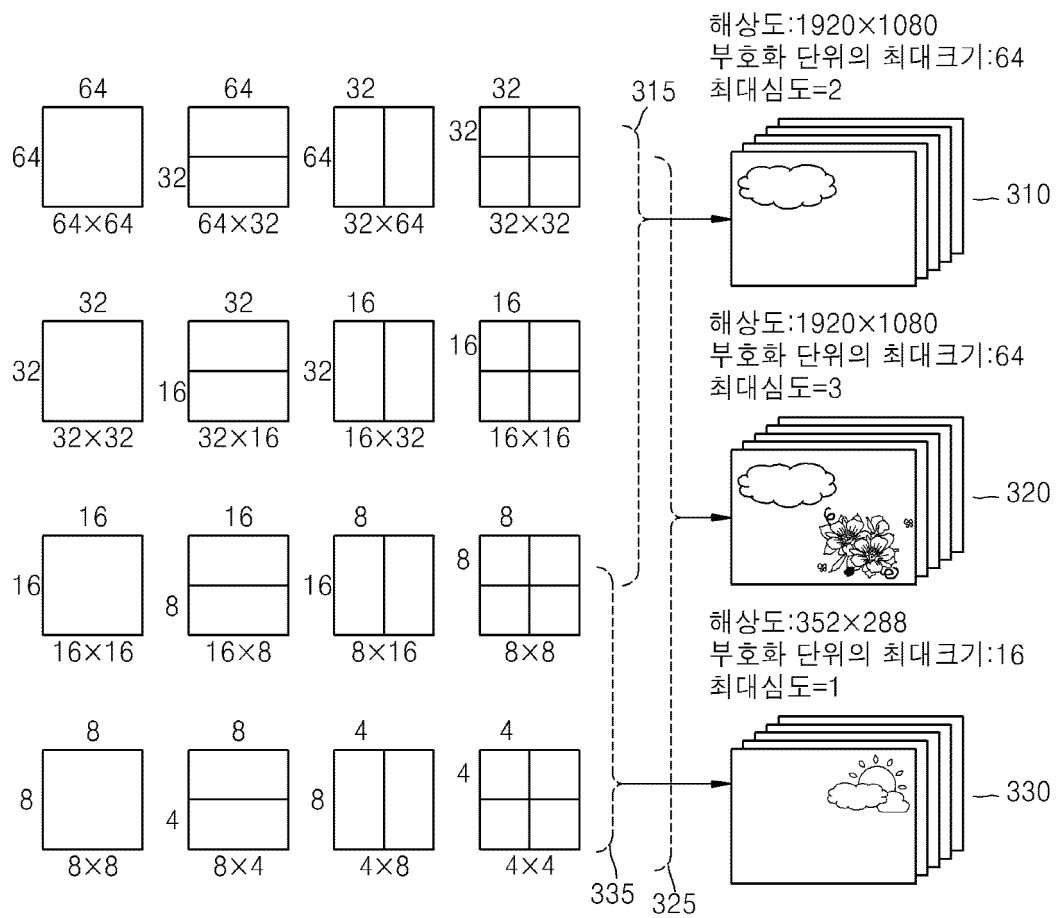
[Fig. 8]



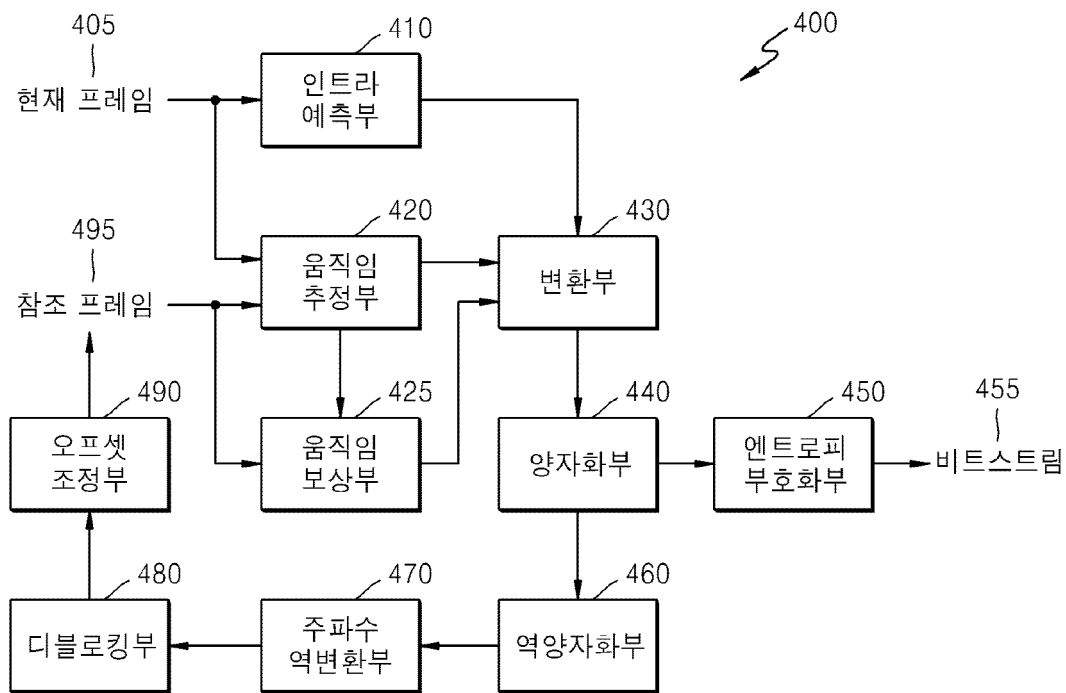
[Fig. 9]



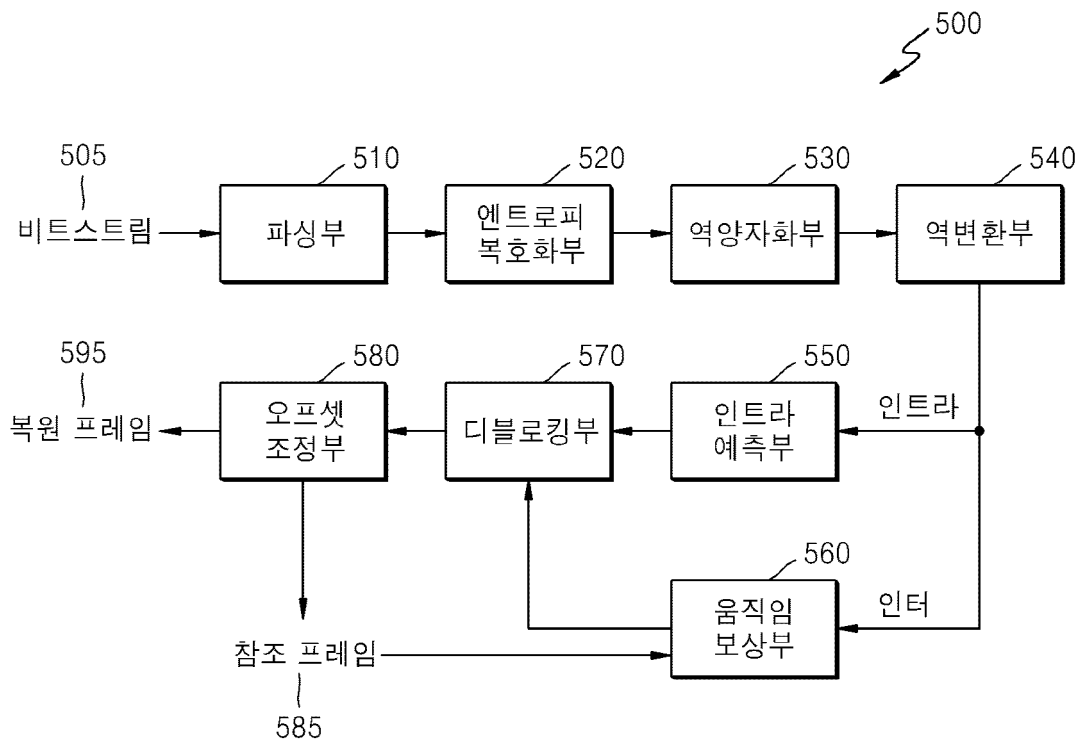
[Fig. 10]



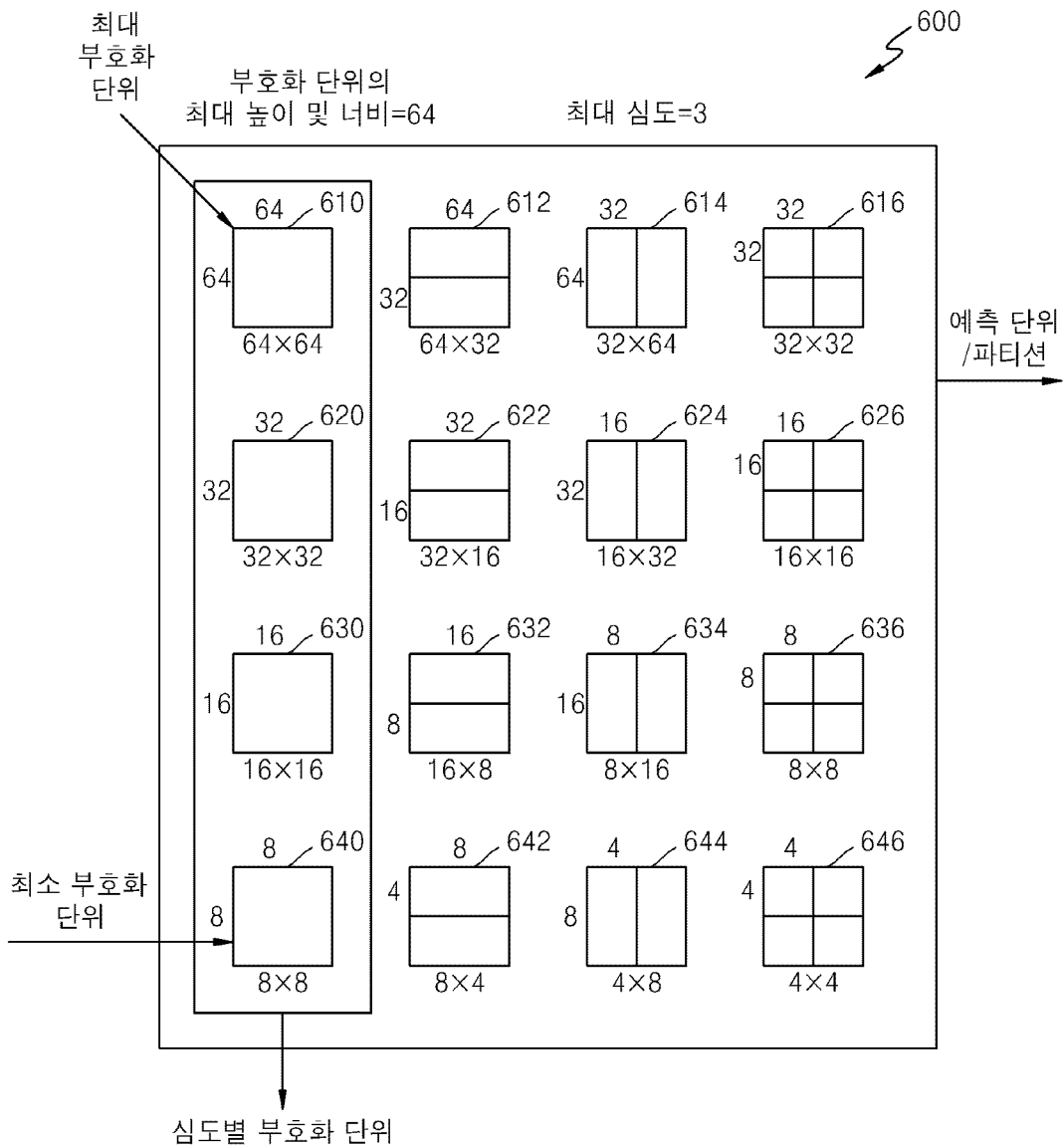
[Fig. 11]



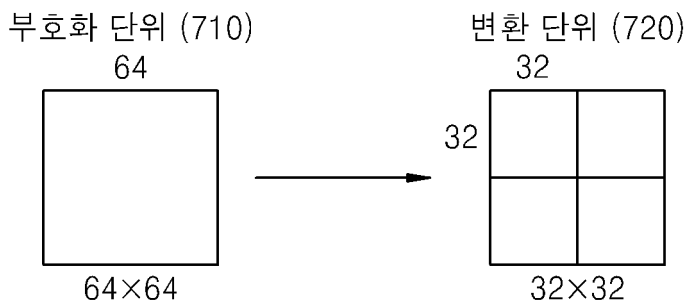
[Fig. 12]



[Fig. 13]

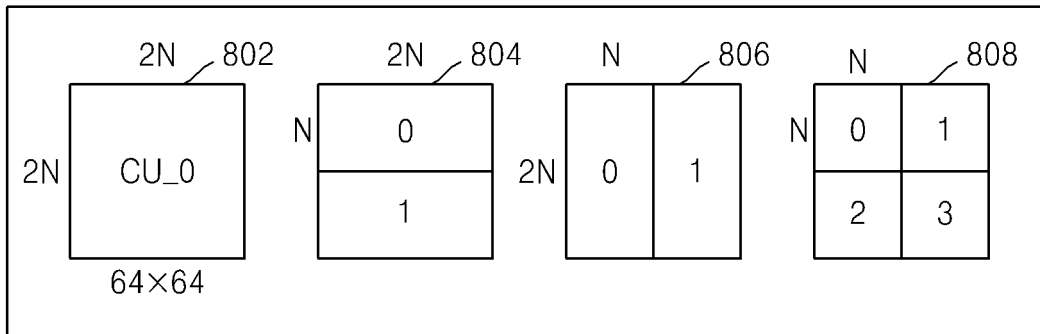


[Fig. 14]

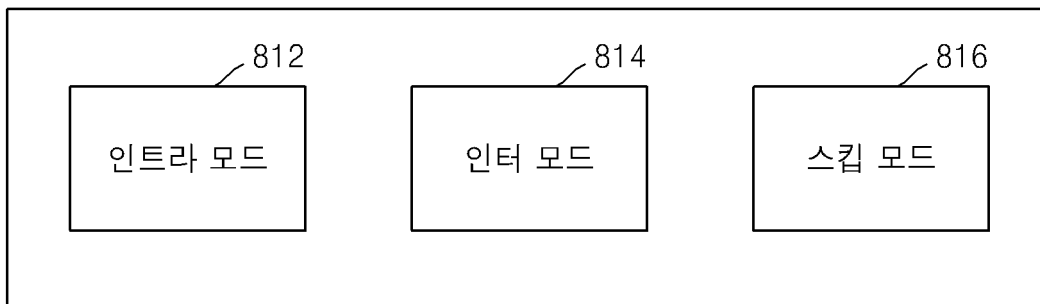


[Fig. 15]

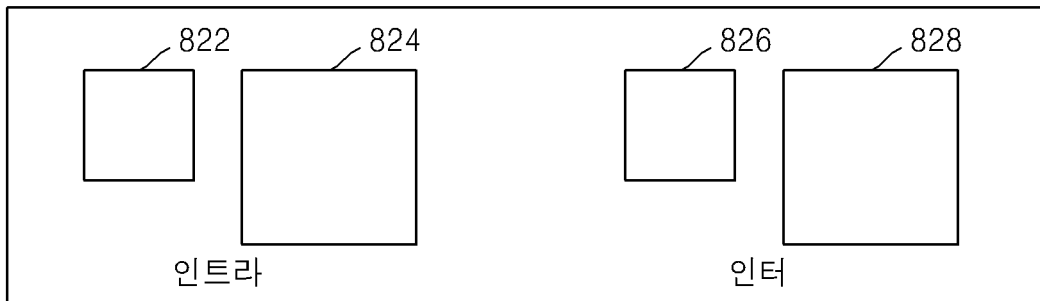
파티션 타입 (800)



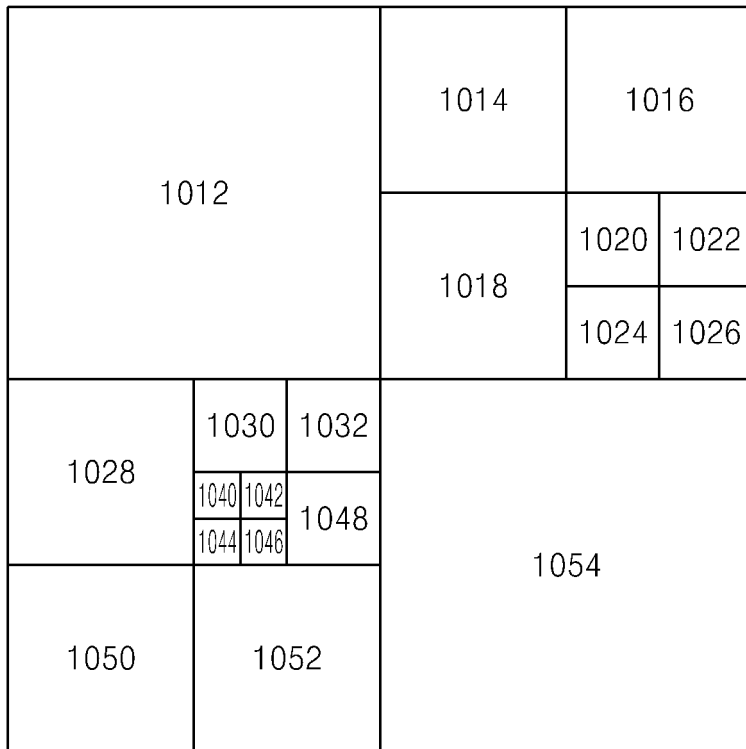
예측모드 (810)



변환 단위 크기 (820)

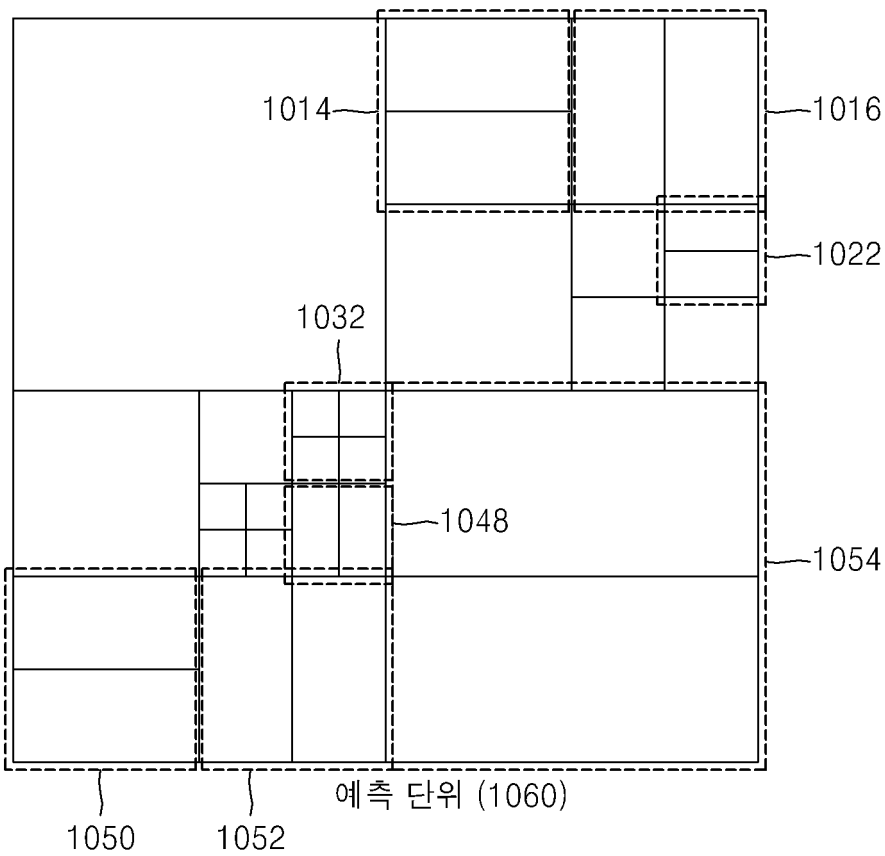


[Fig. 17]



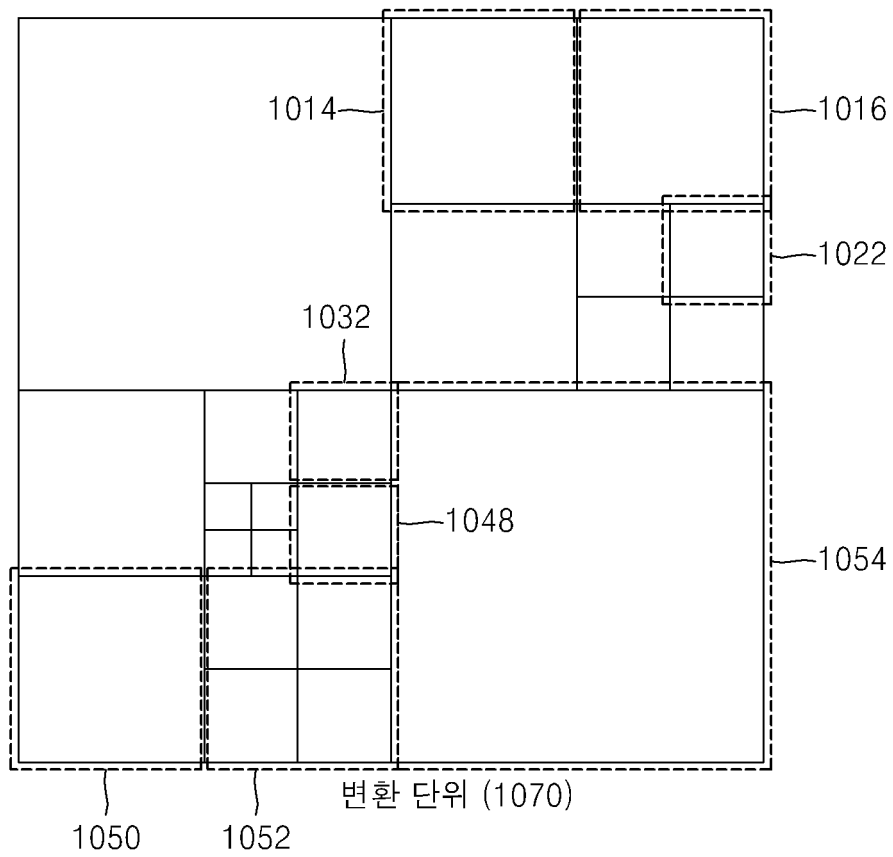
부호화 단위 (1010)

[Fig. 18]

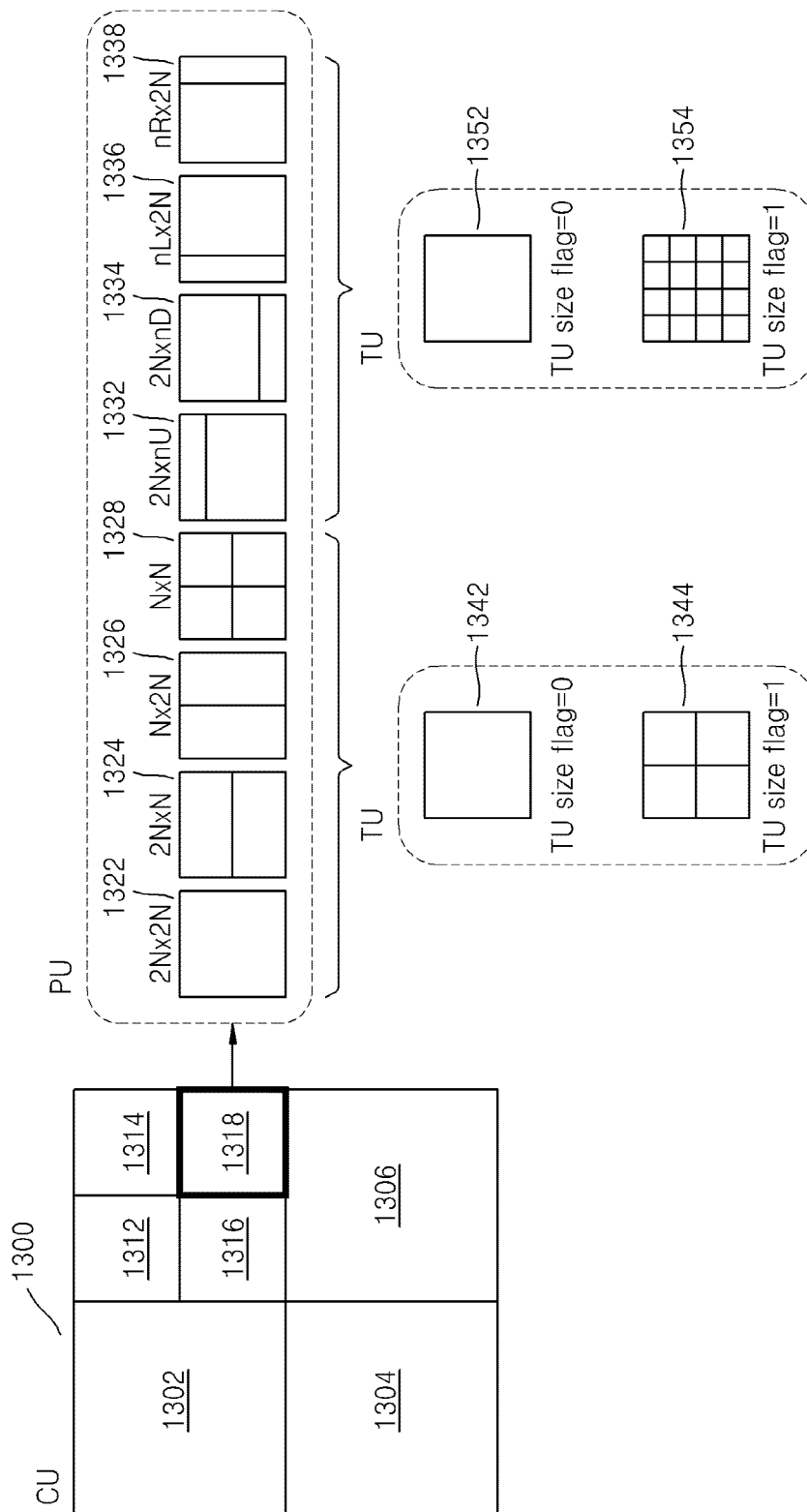


예측 단위 (1060)

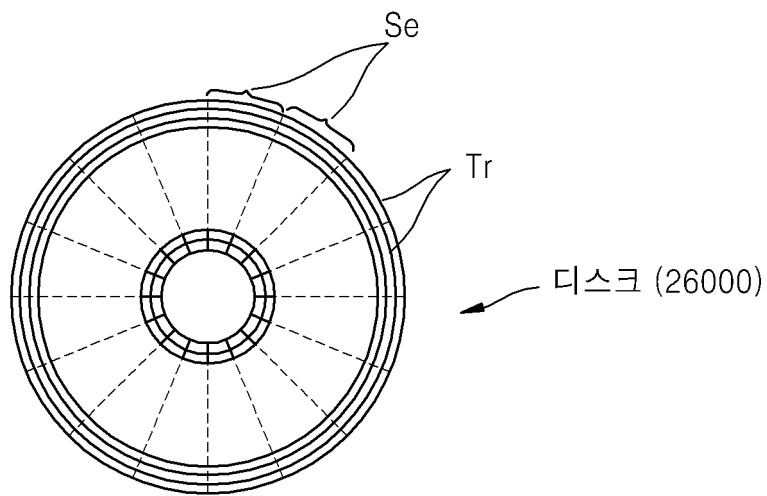
[Fig. 19]



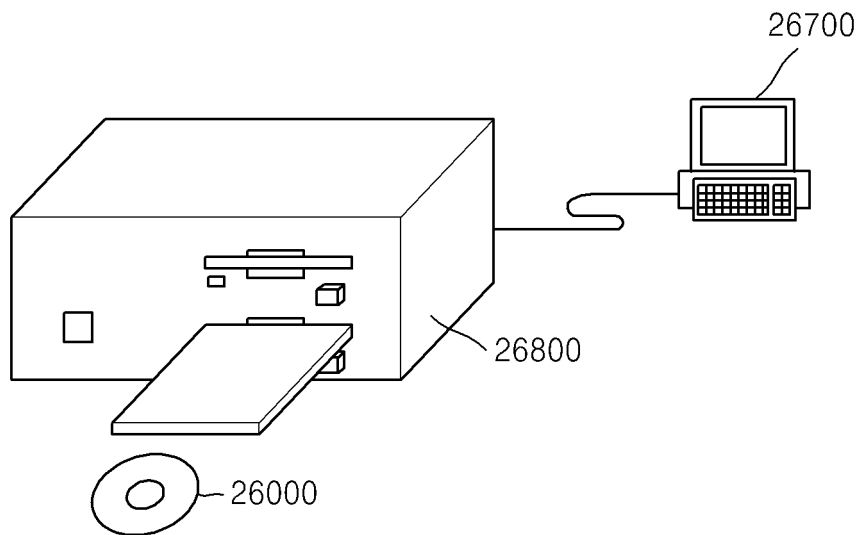
[Fig. 20]



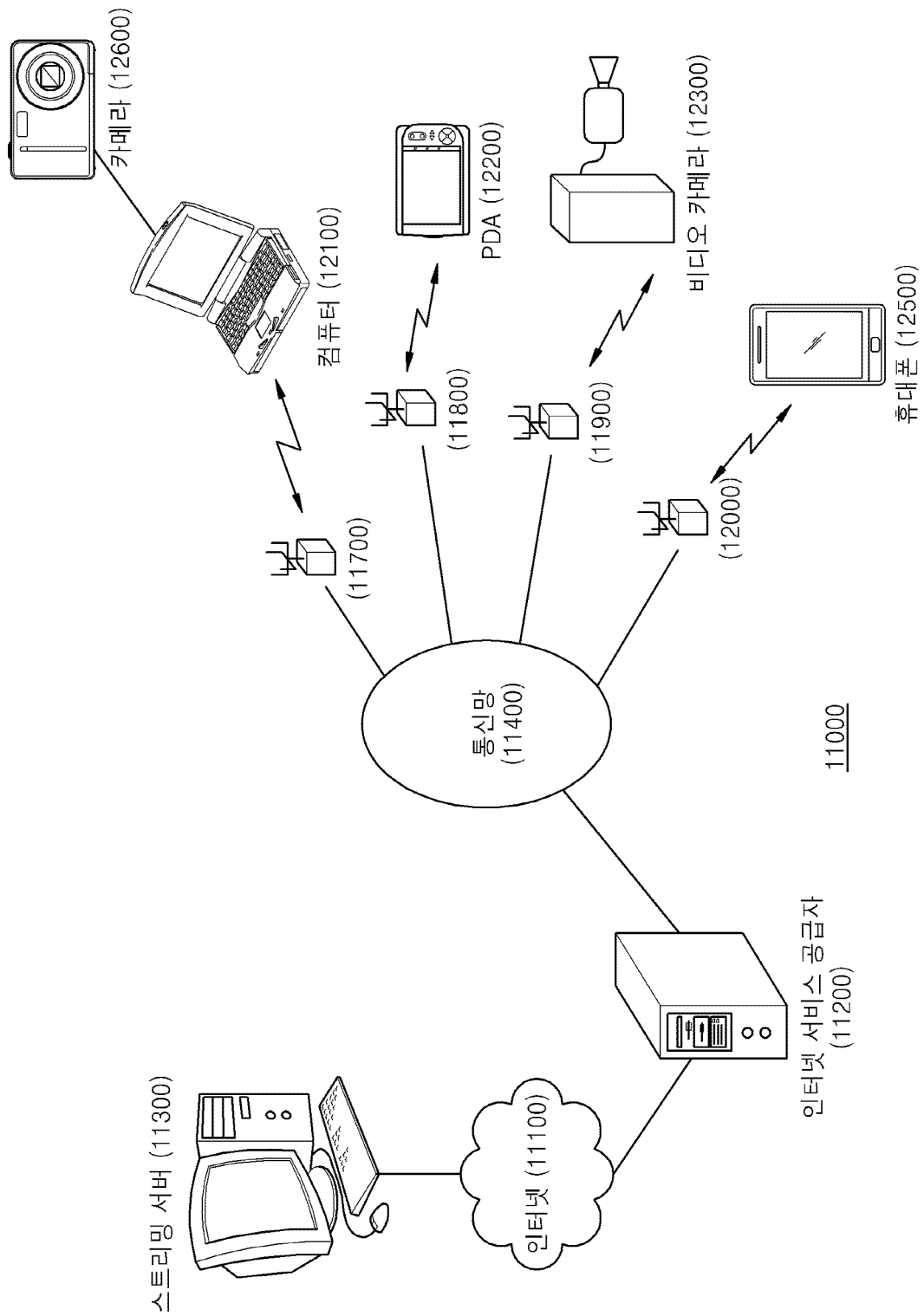
[Fig. 21]



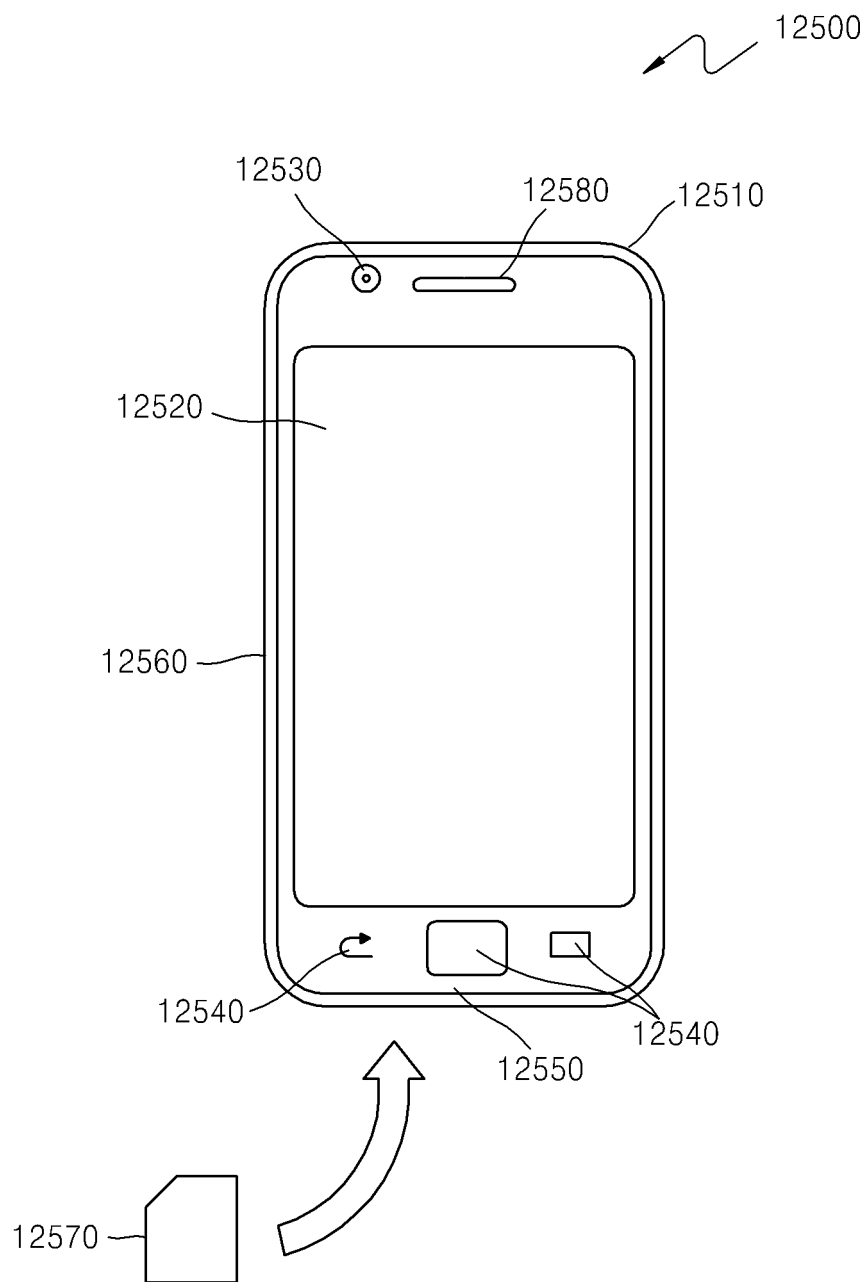
[Fig. 22]



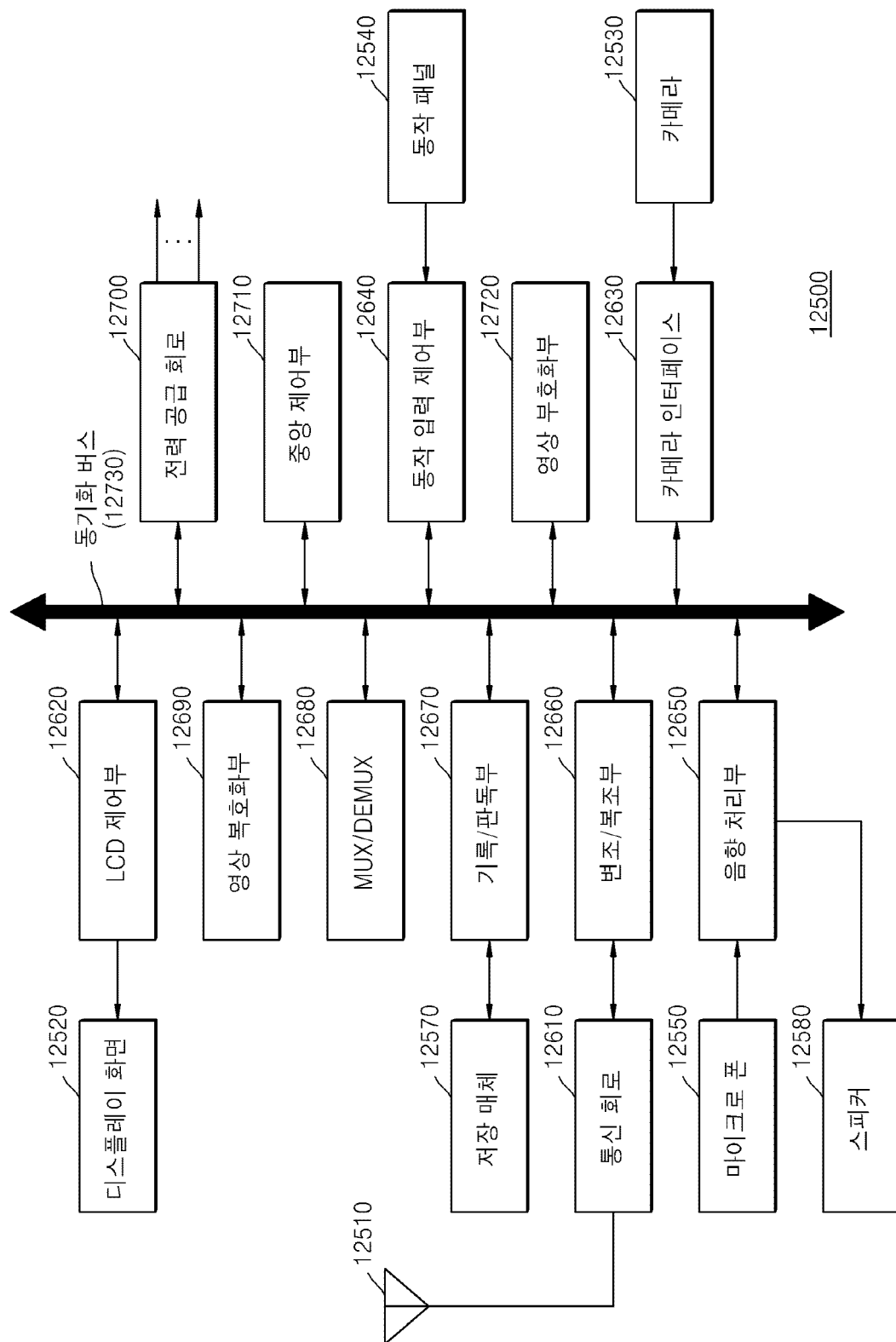
[Fig. 23]



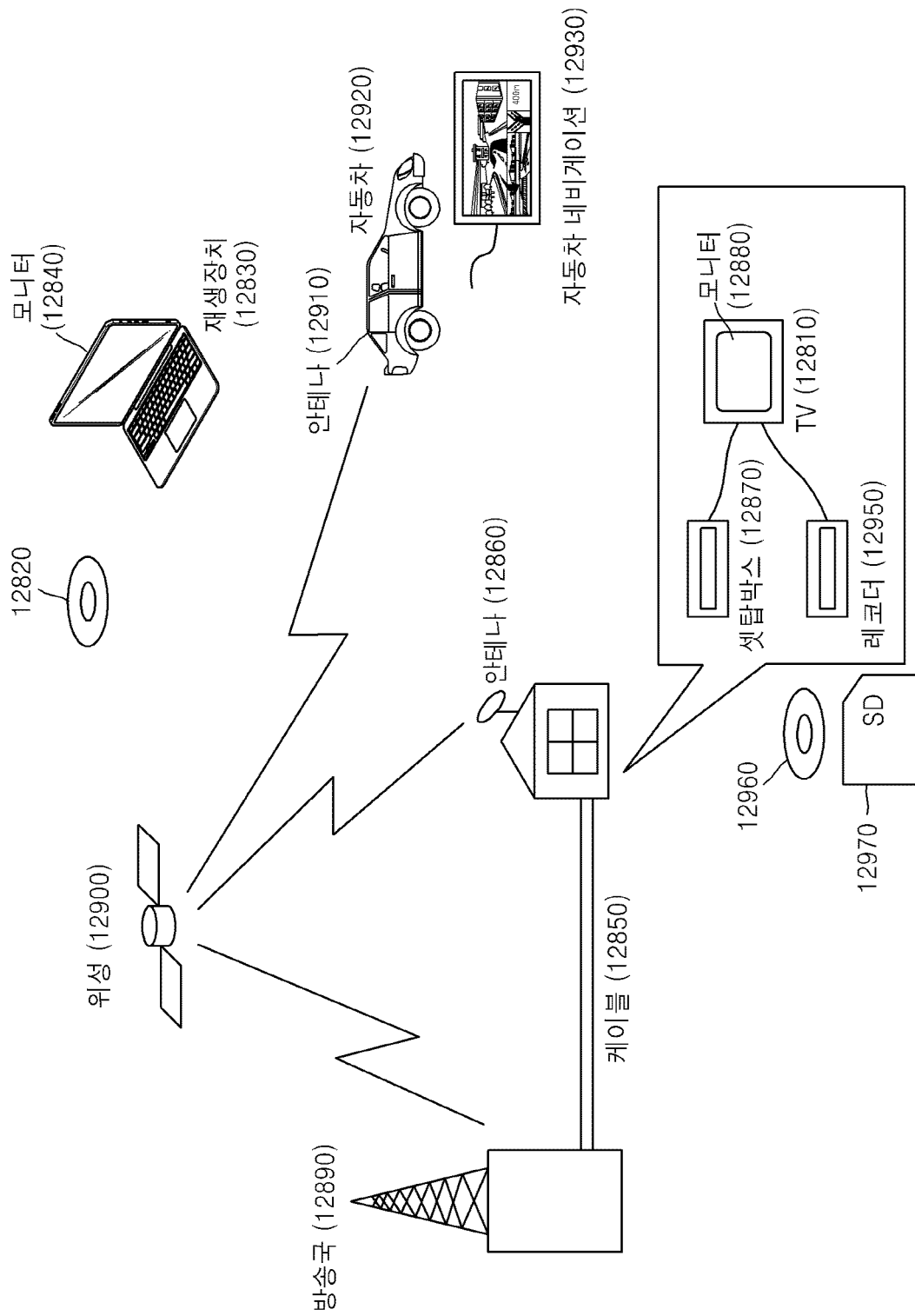
[Fig. 24]



[Fig. 25]



[Fig. 26]



[Fig. 27]

