

FIG.1

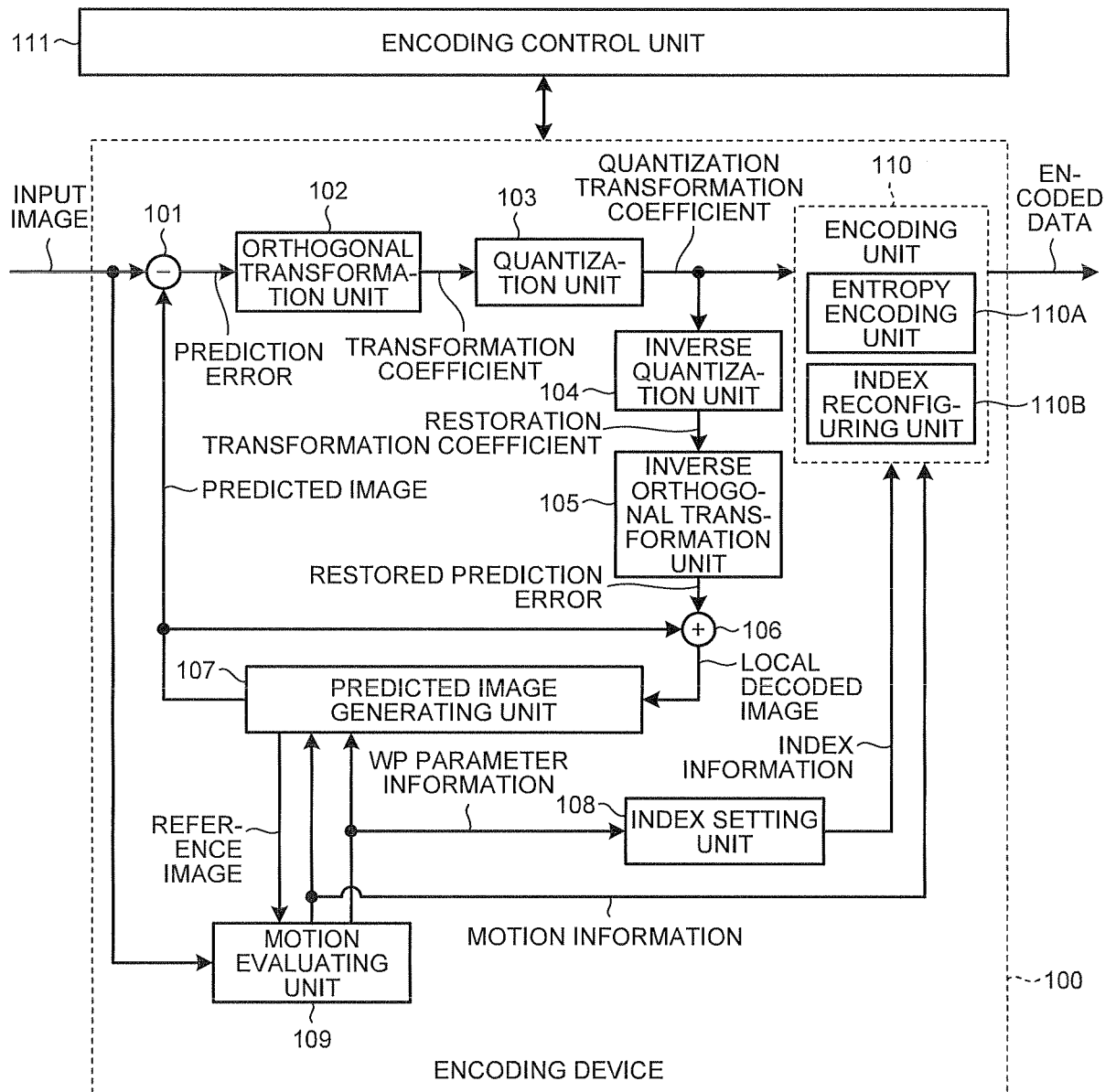


FIG.2A

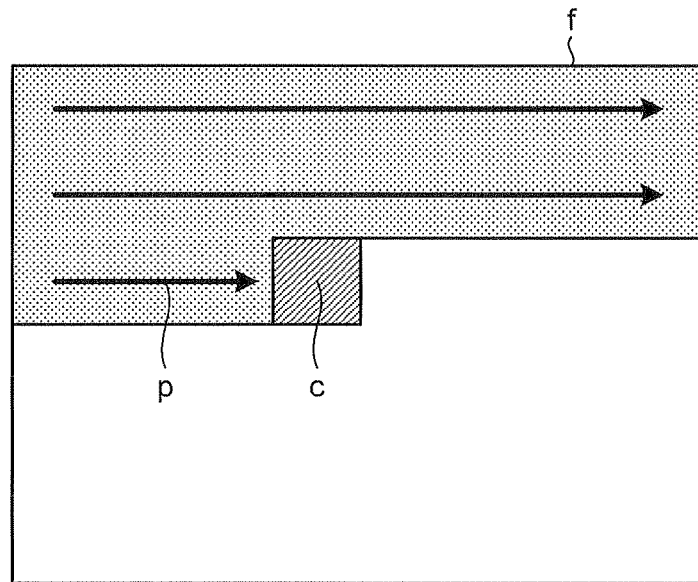


FIG.2B

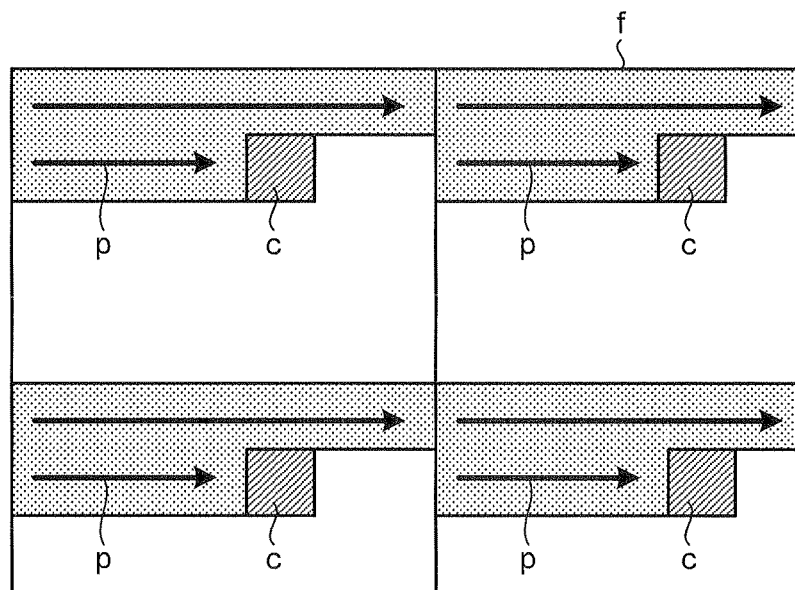


FIG.3A

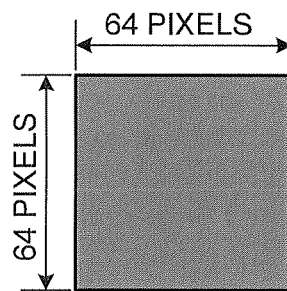


FIG.3B

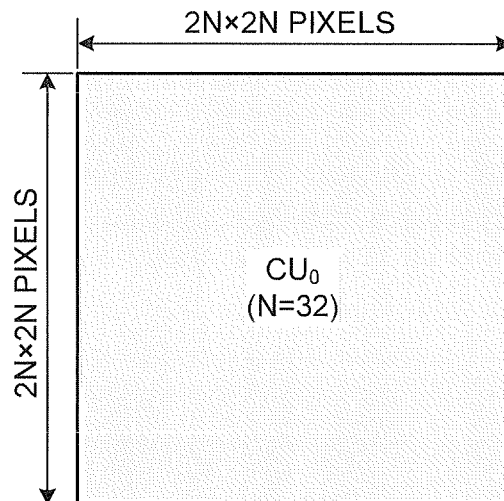


FIG.3C

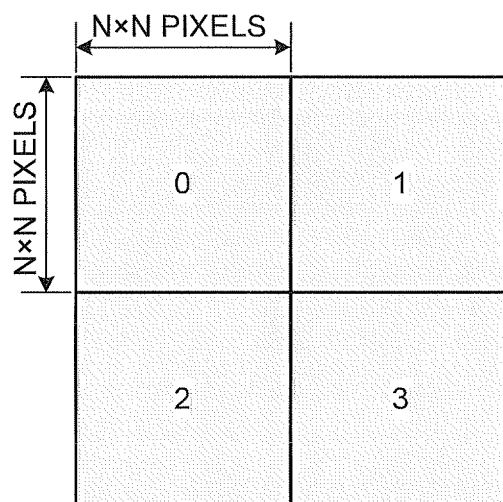


FIG.3D

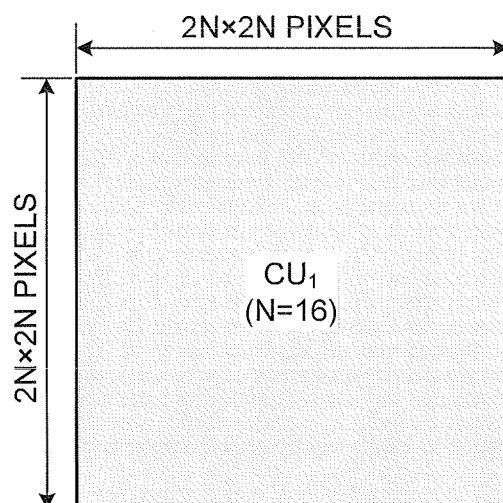


FIG. 4

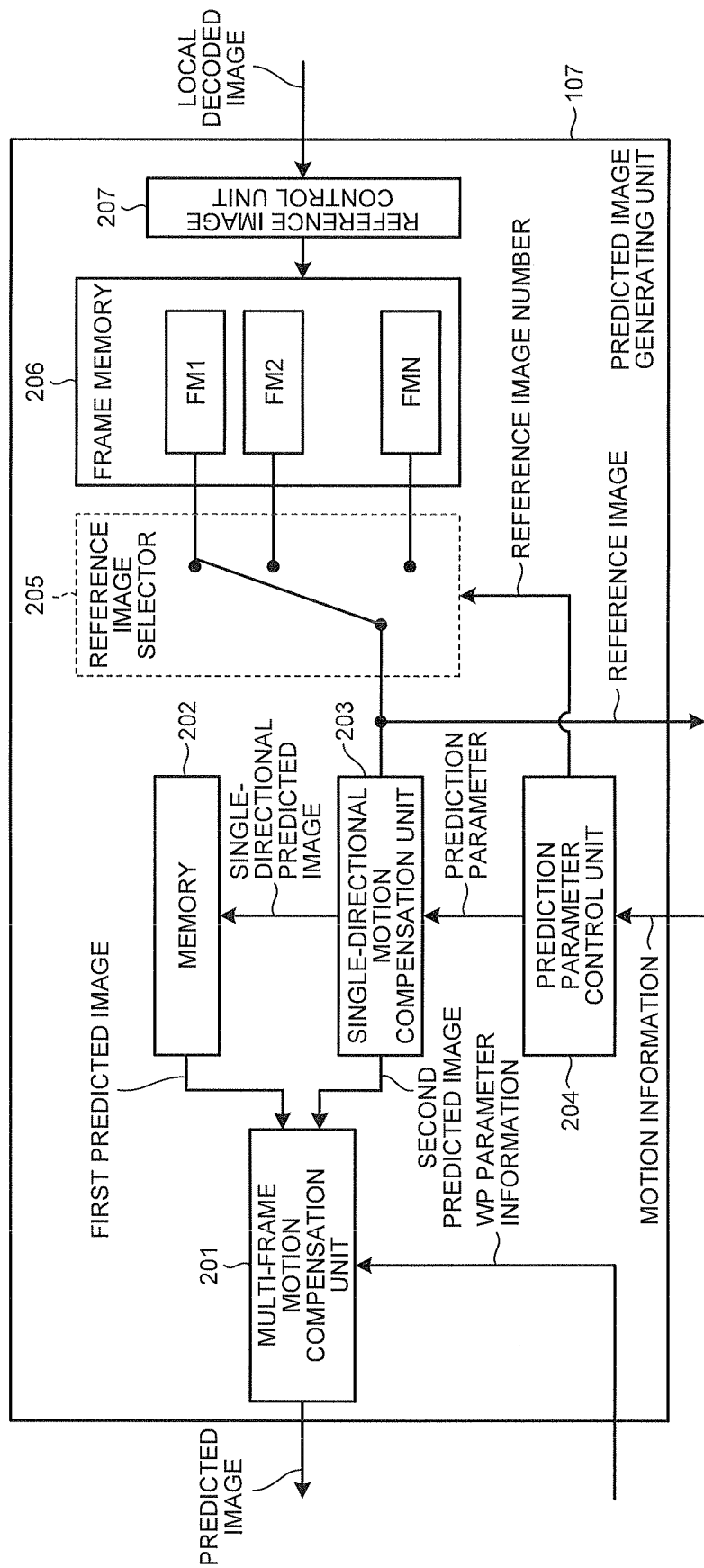


FIG.5

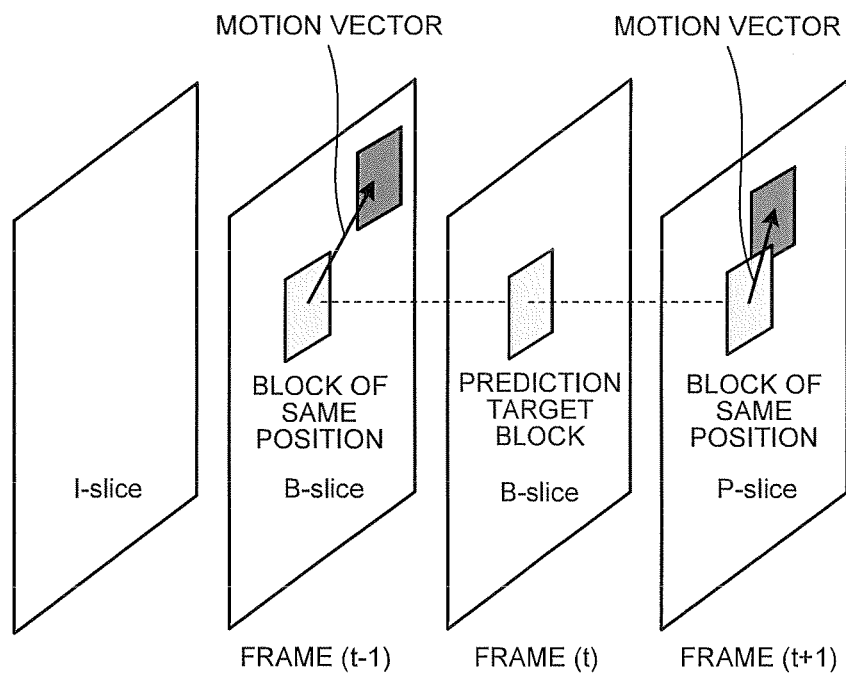


FIG. 6

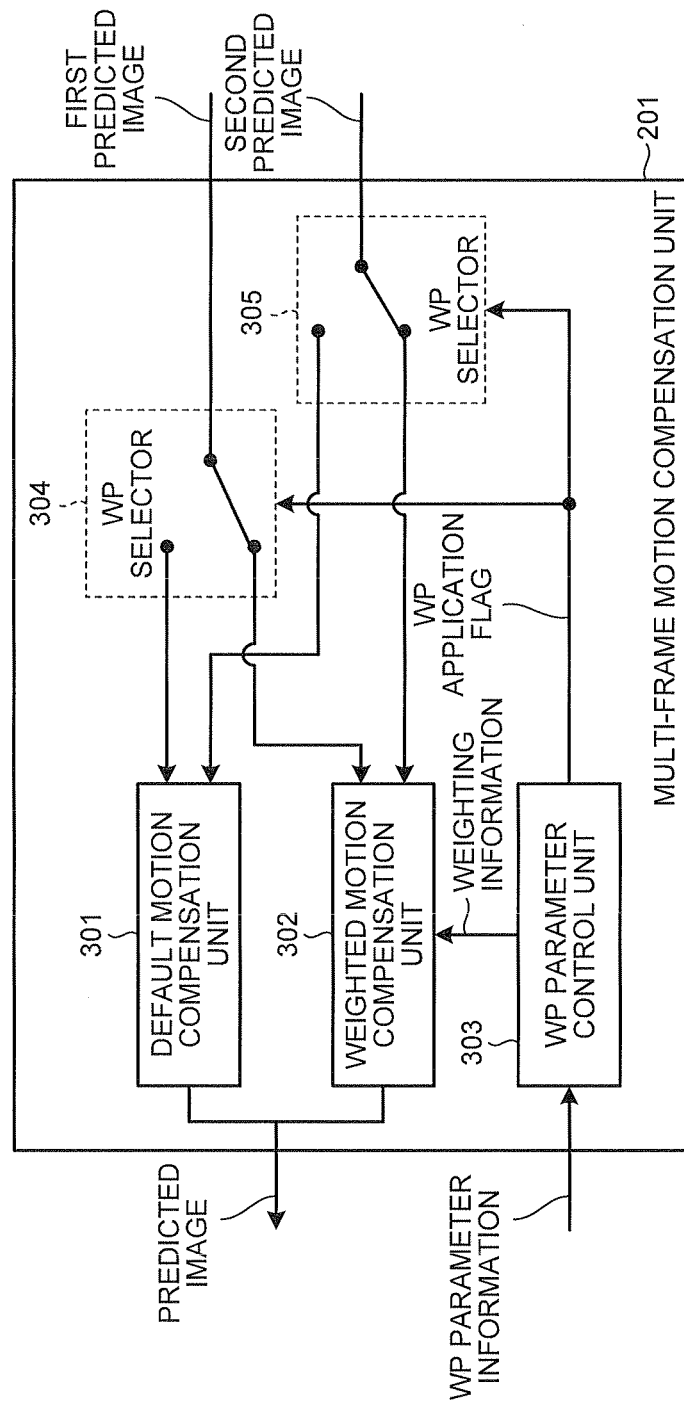


FIG.7

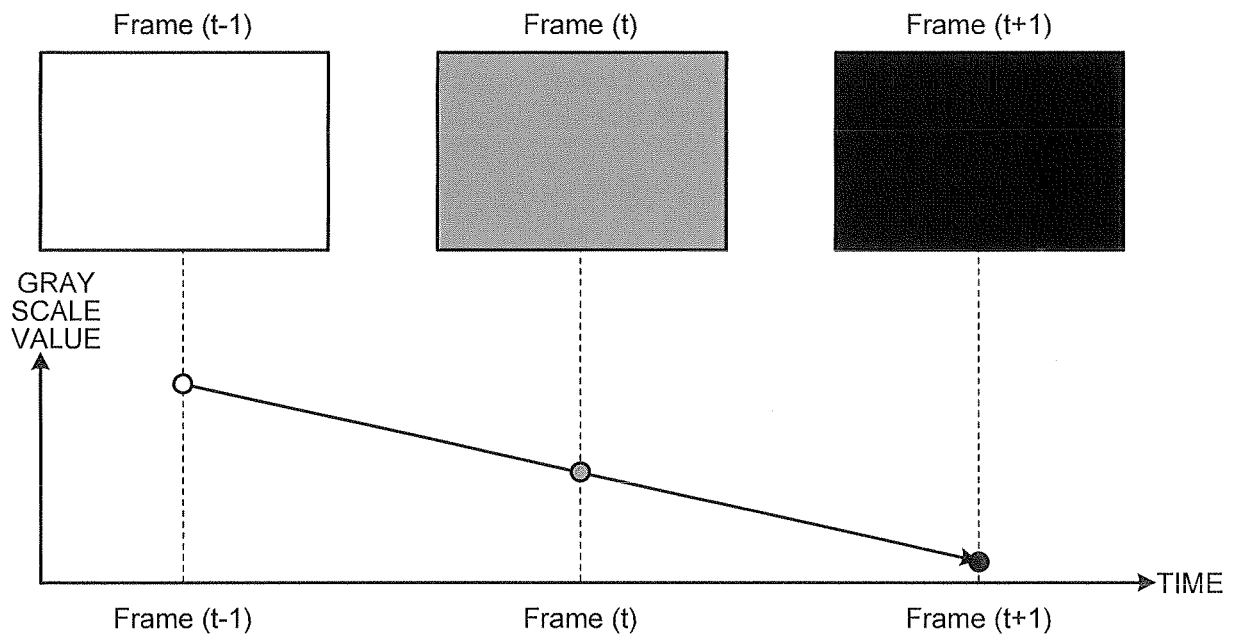


FIG.8

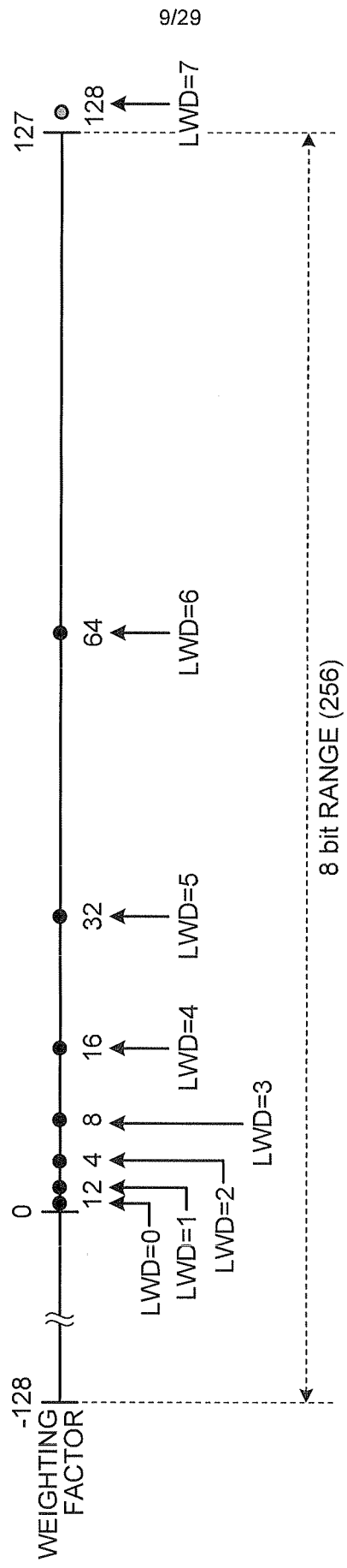


FIG.9

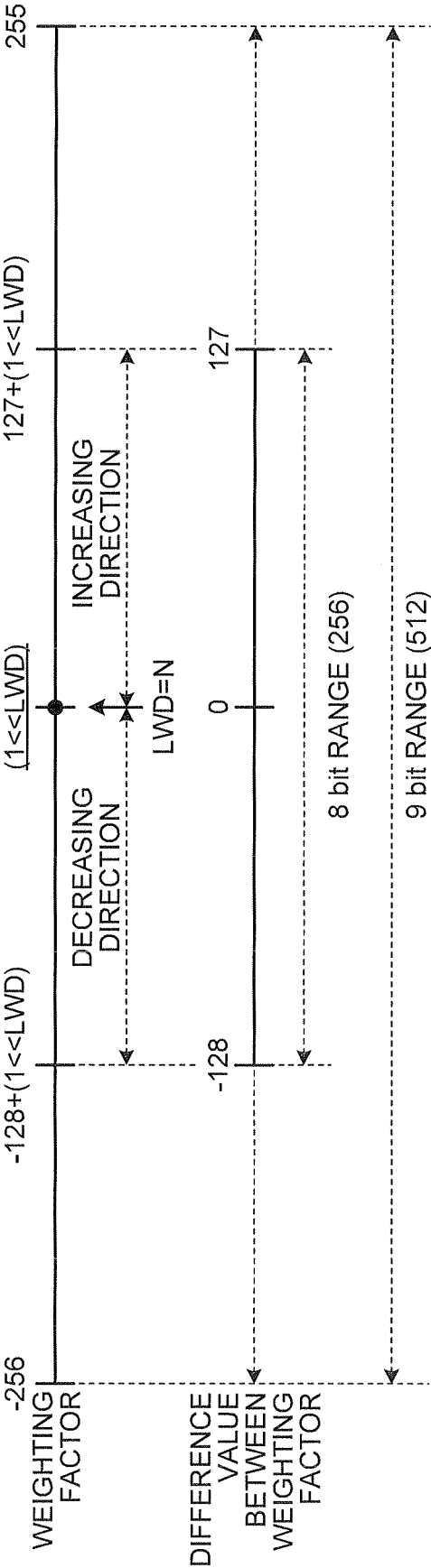


FIG.10A

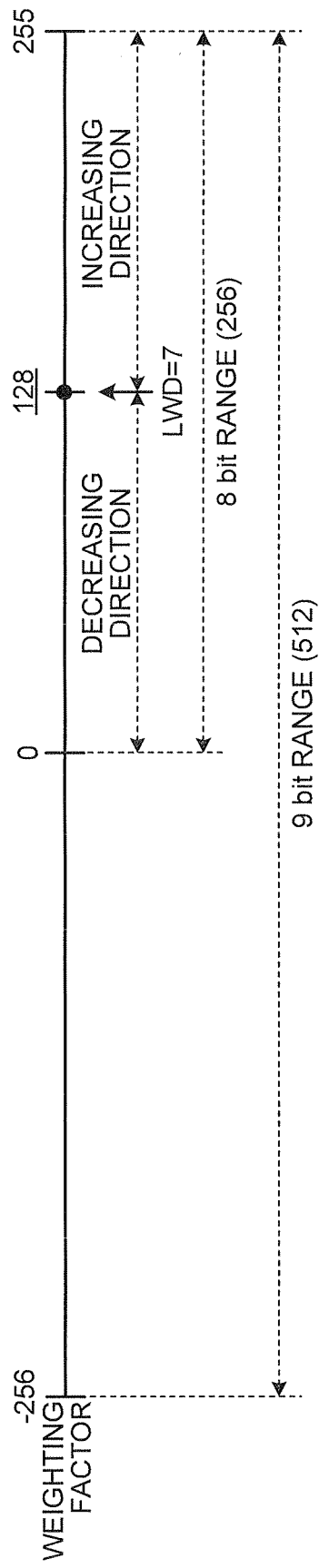


FIG.10B

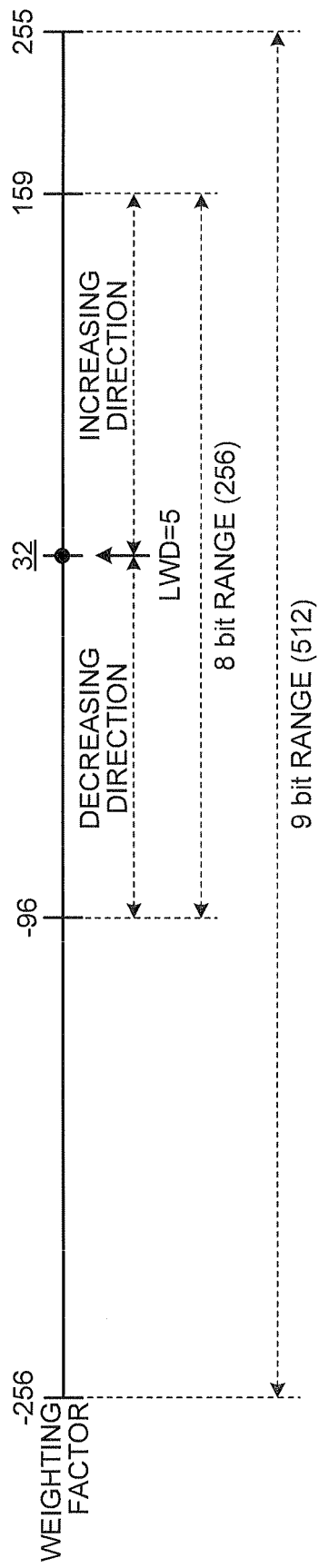


FIG.11

LWD	REFERENCE VALUE (1<<LWD)	MINIMUM VALUE OF WEIGHTING FACTOR	MAXIMUM VALUE OF WEIGHTING FACTOR	MINIMUM VALUE OF FIXED DECIMAL PRECISION	MAXIMUM VALUE OF FIXED DECIMAL PRECISION
7	128	-128	127	-1	0.99
6	64	-128	127	-2	1.98
5	32	-128	127	-4	3.97
4	16	-128	127	-8	7.94
3	8	-128	127	-16	15.88
2	4	-128	127	-32	31.75
1	2	-128	127	-64	63.50
0	1	-128	127	-128	127.00

FIG.12

LWD	REFERENCE VALUE (1<<LWD)	MINIMUM VALUE OF WEIGHTING FACTOR	MAXIMUM VALUE OF WEIGHTING FACTOR	MINIMUM VALUE OF FIXED DECIMAL PRECISION	MAXIMUM VALUE OF FIXED DECIMAL PRECISION
7	128	0	255	0	1.99
6	64	-64	191	-1	2.98
5	32	-96	159	-3	4.97
4	16	-112	143	-7	8.94
3	8	-120	135	-15	16.88
2	4	-124	131	-31	32.75
1	2	-126	129	-63	64.50
0	1	-127	128	-127	128.00

FIG.13A

LIST NUMBER	0						
REFERENCE NUMBER	0	1	2	3	4	...	N
WP APPLICATION FLAG	WP_flag[0]	WP_flag[1]	WP_flag[2]	WP_flag[3]	WP_flag[4]	...	WP_flag[N]
WEIGHTING FACTOR	Weight[0]	Weight[1]	Weight[2]	Weight[3]	Weight[4]	...	Weight[N]
OFFSET	Offset[0]	Offset[1]	Offset[2]	Offset[3]	Offset[4]	...	Offset[N]

FIG.13B

LIST NUMBER	1						
REFERENCE NUMBER	0	1	2	3	4	...	N
WP APPLICATION FLAG	WP_flag[0]	WP_flag[1]	WP_flag[2]	WP_flag[3]	WP_flag[4]	...	WP_flag[N]
WEIGHTING FACTOR	Weight[0]	Weight[1]	Weight[2]	Weight[3]	Weight[4]	...	Weight[N]
OFFSET	Offset[0]	Offset[1]	Offset[2]	Offset[3]	Offset[4]	...	Offset[N]

FIG.14

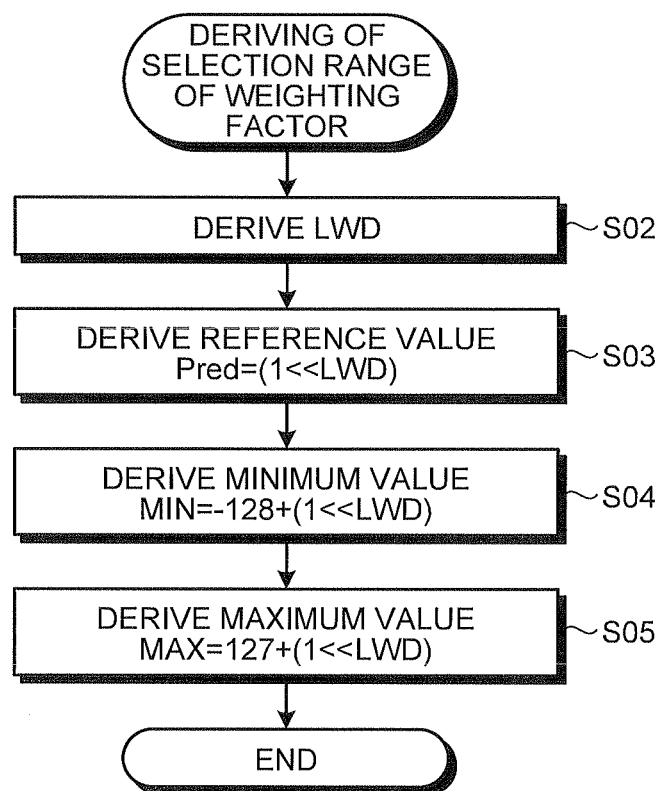


FIG.15

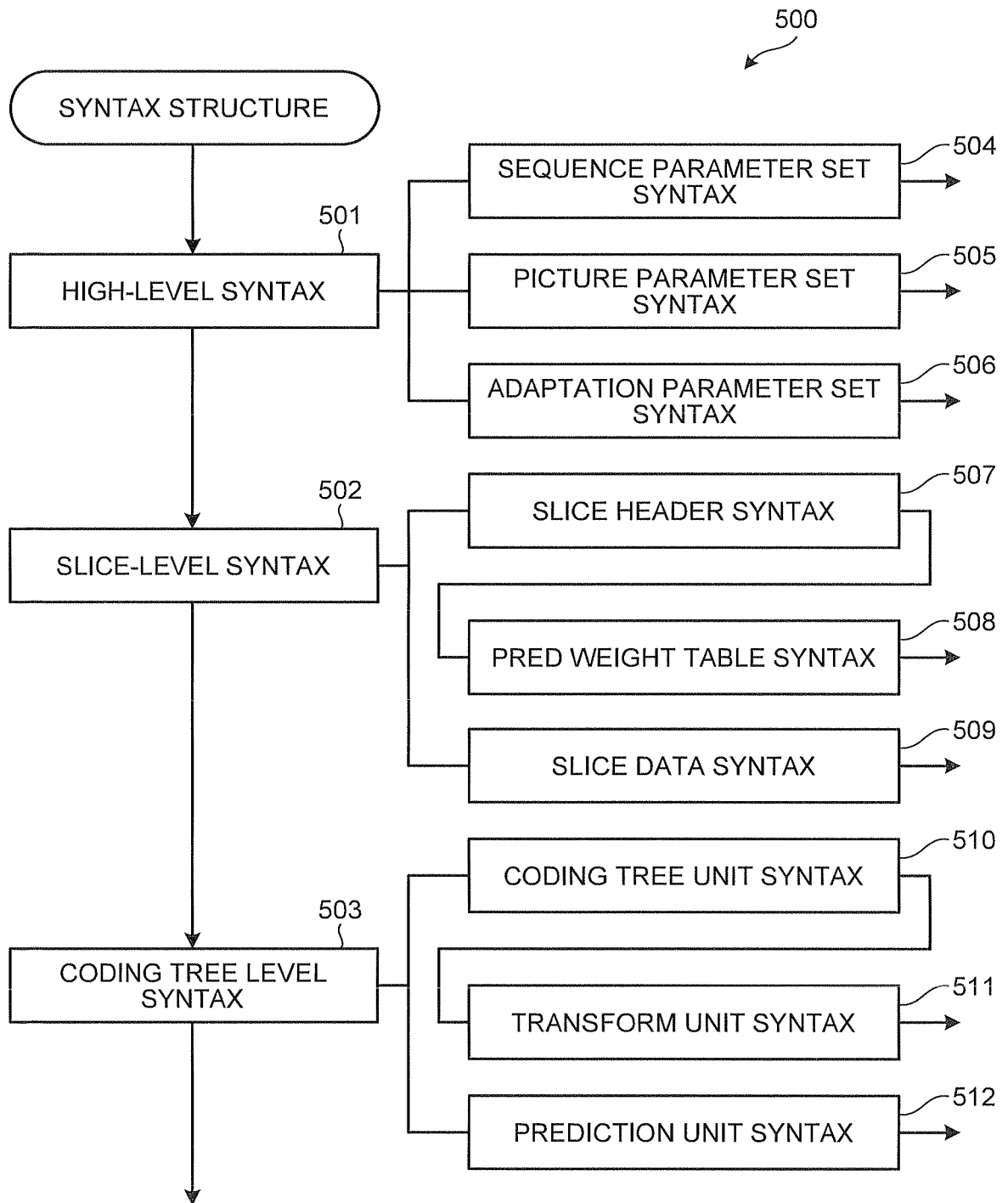


FIG.16

pic_parameter_set_rbsp() {	Descriptor
pic_parameter_set_id	u(8)
seq_parameter_set_id	u(8)
...	
num_ref_idx_l0_default_active_minus1	ue(v)
num_ref_idx_l1_default_active_minus1	ue(v)
weighted_pred_flag	u(1)
weighted_bipred_idc	u(2)
...	
rbsp_trailing_bits()	
}	

FIG.17

slice_header() {	Descriptor
...	
slice_type	ue(v)
pic_parameter_set_id	ue(v)
...	
if(slice_type == P slice_type == B) {	
num_ref_idx_active_override_flag	u(1)
if(num_ref_idx_active_override_flag) {	
num_ref_idx_l0_active_minus1	ue(v)
if(slice_type == B)	
num_ref_idx_l1_active_minus1	ue(v)
}	
}	
...	
if((weighted_pred_flag && (slice_type == P)) (weighted_bipred_idc == 1 && slice_type == B))	
pred_weight_table()	
...	
}	

FIG.18

pred_weight_table() {	Descriptor
luma_log2_weight_denom	ue(v)
if(chroma_format_idc != MONO_IDX)	
delta_chroma_log2_weight_denom	ue(v)
for(i = 0; i <= num_ref_idx_l0_active_minus1; i++) {	
luma_weight_l0_flag	u(1)
if(luma_weight_l0_flag) {	
delta_luma_weight_l0[i]	se(v)
luma_offset_l0[i]	se(v)
}	
if (chroma_format_idc != MONO_IDX) {	
chroma_weight_l0_flag	u(1)
if(chroma_weight_l0_flag)	
for(j = 0; j < COLOR_COMP - 1; j++) {	
delta_chroma_weight_l0[i][j]	se(v)
delta_chroma_offset_l0[i][j]	se(v)
}	
}	
}	
if(slice_type == B_SLICE)	
for(i = 0; i <= num_ref_idx_l1_active_minus1; i++) {	
luma_weight_l1_flag	u(1)
if(luma_weight_l1_flag) {	
delta_luma_weight_l1[i]	se(v)
luma_offset_l1[i]	se(v)
}	
if(chroma_format_idc != MONO_IDX) {	
chroma_weight_l1_flag	u(1)
if(chroma_weight_l1_flag) {	
for(j = 0; j < COLOR_COMP - 1; j++) {	
delta_chroma_weight_l1[i][j]	se(v)
delta_chroma_offset_l1[i][j]	se(v)
}	
}	
}	
}	
}	
}	

FIG.19

luma_log2_weight_denom	default_luma_weight_lx	MINIMUM VALUE OF luma_weight_lx[i]	MAXIMUM VALUE OF luma_weight_lx[i]	MINIMUM VALUE OF delta_luma_weight_lx[i]	MAXIMUM VALUE OF delta_luma_weight_lx[i]
7	128	0	255	-128	127
6	64	-64	191	-128	127
5	32	-96	159	-128	127
4	16	-112	143	-128	127
3	8	-120	135	-128	127
2	4	-124	131	-128	127
1	2	-126	129	-128	127
0	1	-127	128	-128	127

FIG.20

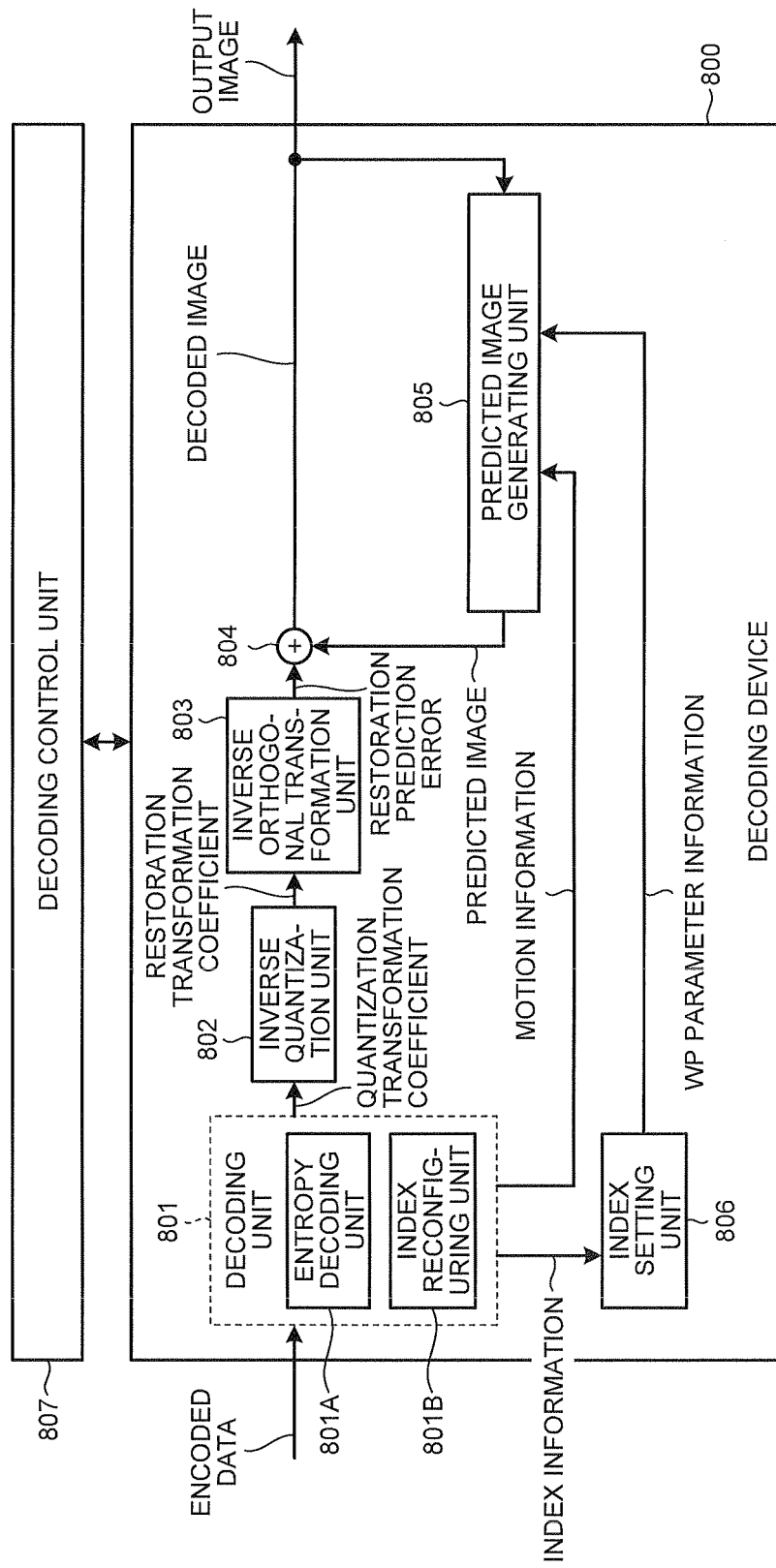


FIG.21

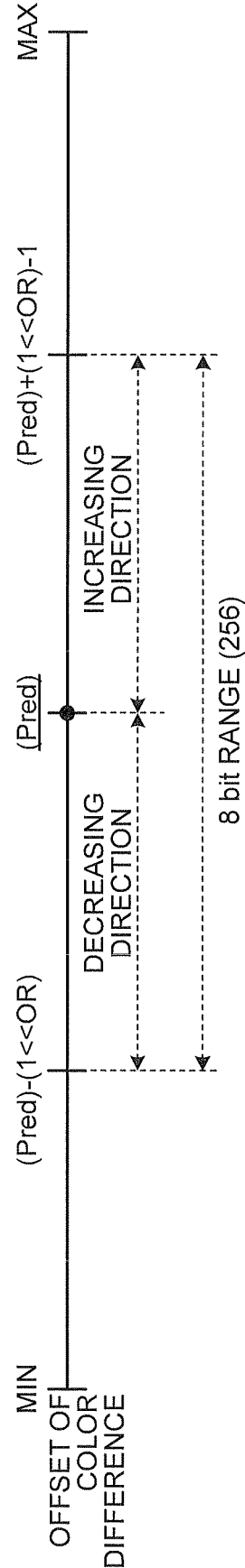


FIG.22

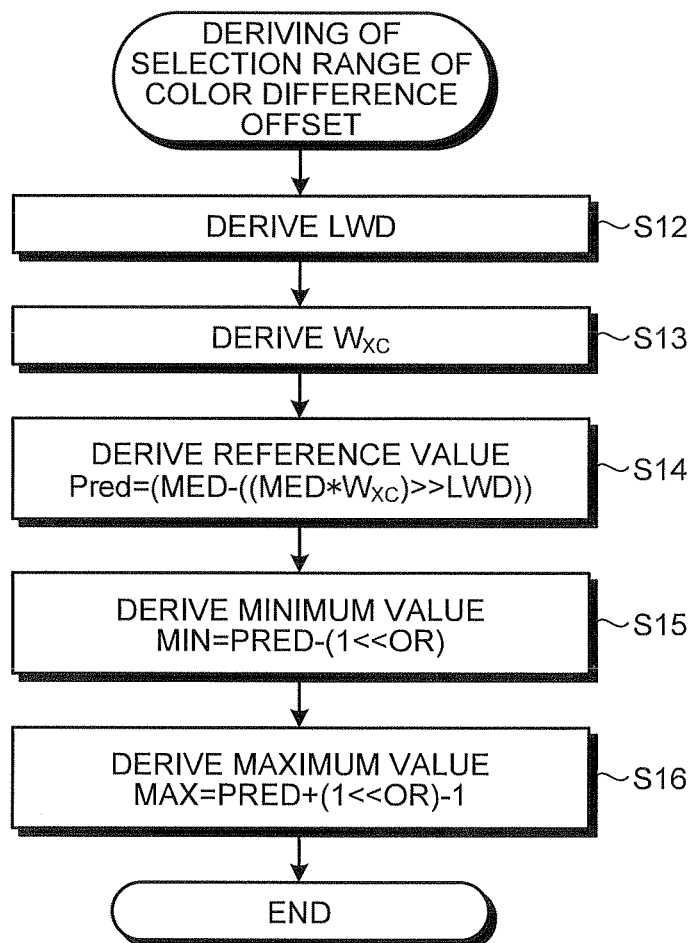


FIG.23

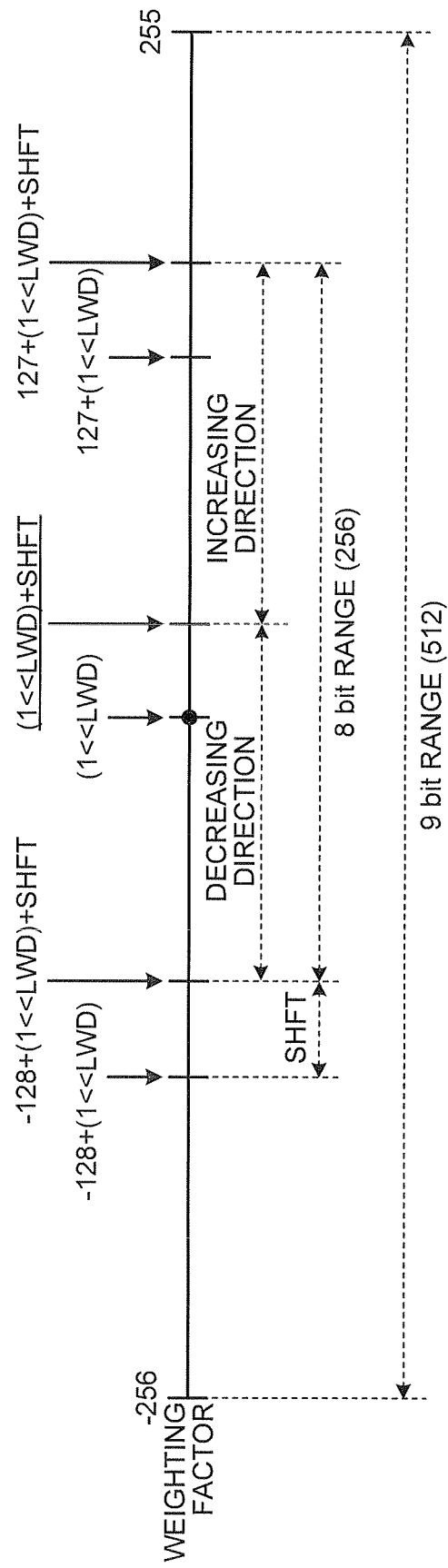


FIG.24

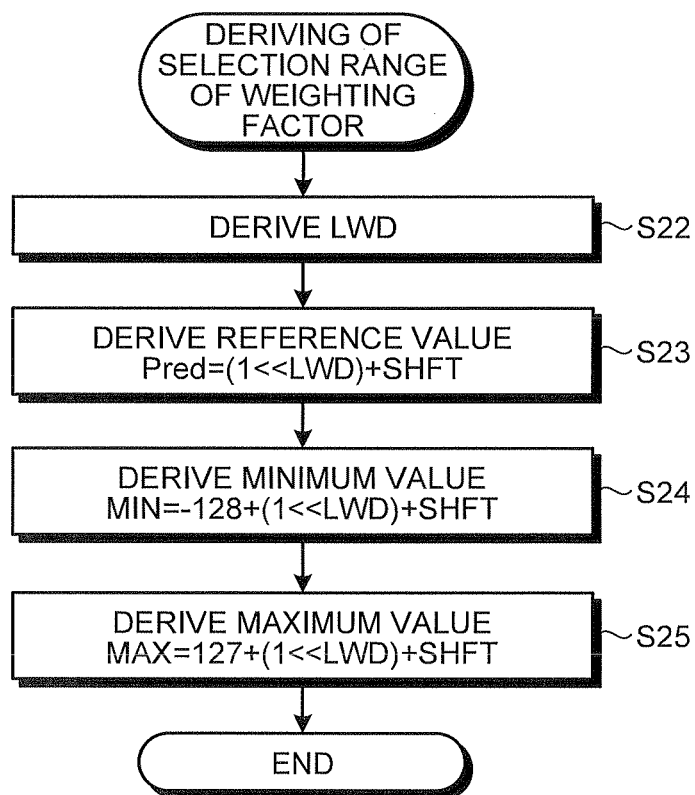


FIG.25

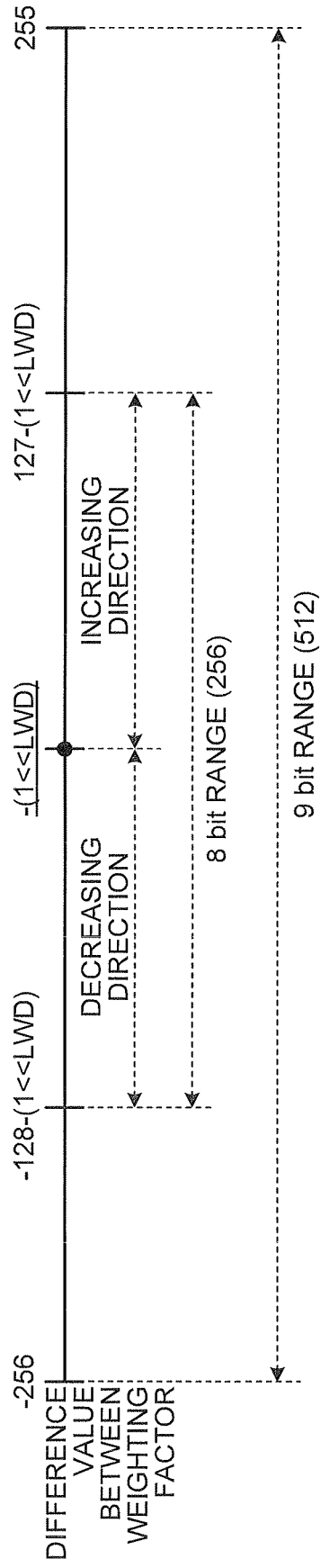


FIG.26

luma_log2_weight_denom	default_luma_weight_lx	MINIMUM VALUE OF luma_weight_lx[i]	MAXIMUM VALUE OF luma_weight_lx[i]	MINIMUM VALUE OF delta_luma_weight_lx[i]	MAXIMUM VALUE OF delta_luma_weight_lx[i]
7	128	-128	127	-256	-1
6	64	-128	127	-192	63
5	32	-128	127	-160	95
4	16	-128	127	-144	111
3	8	-128	127	-136	119
2	4	-128	127	-132	123
1	2	-128	127	-130	125
0	1	-128	127	-129	126

FIG.27

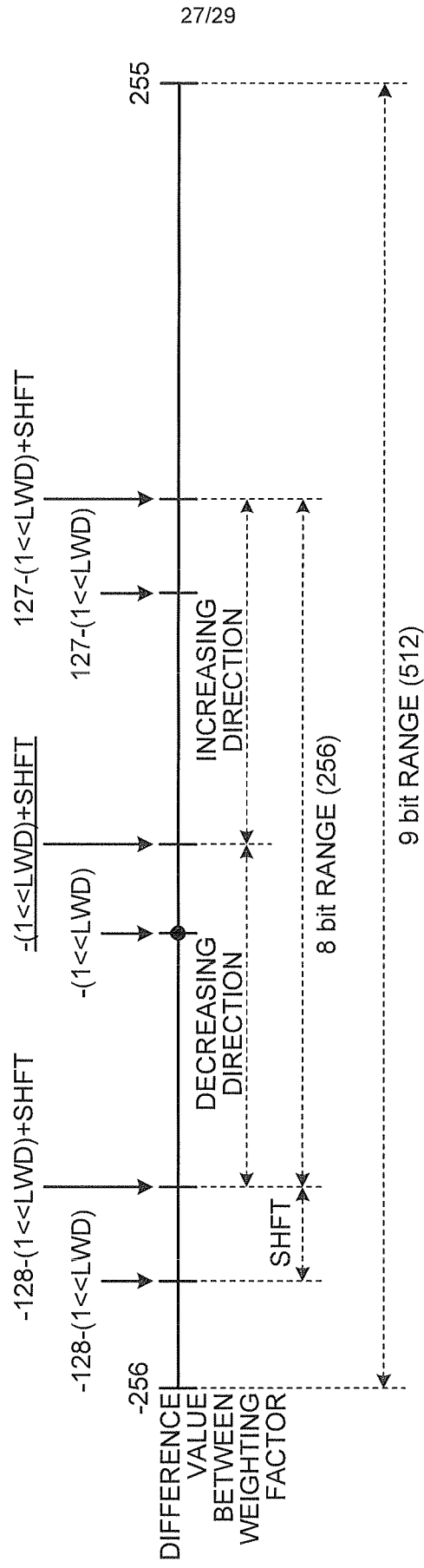


FIG.28

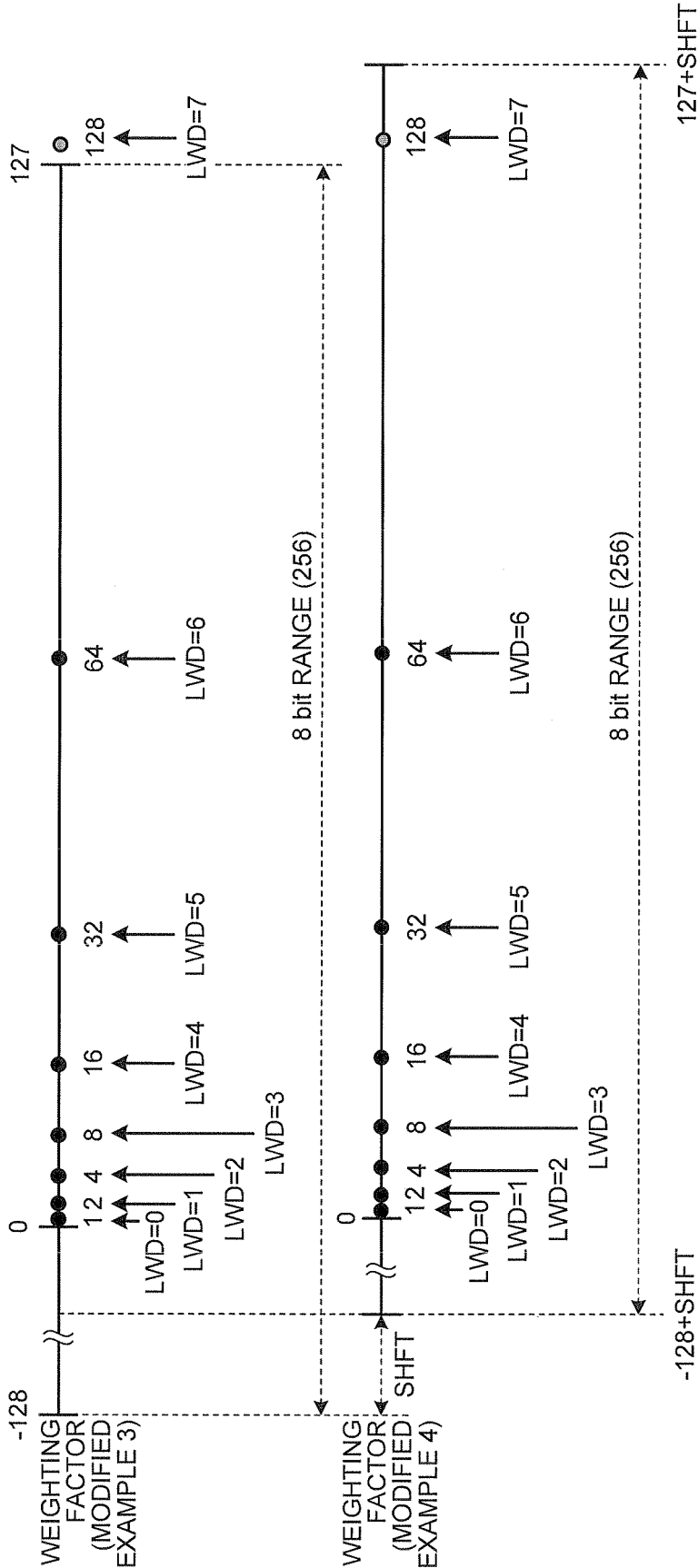


FIG.29

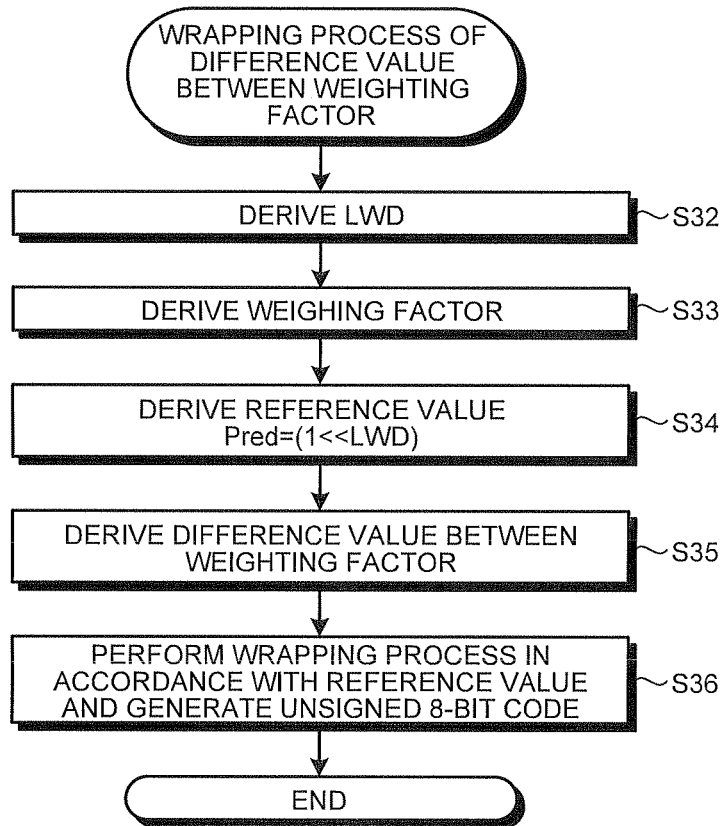


FIG.30

