

FIG.1

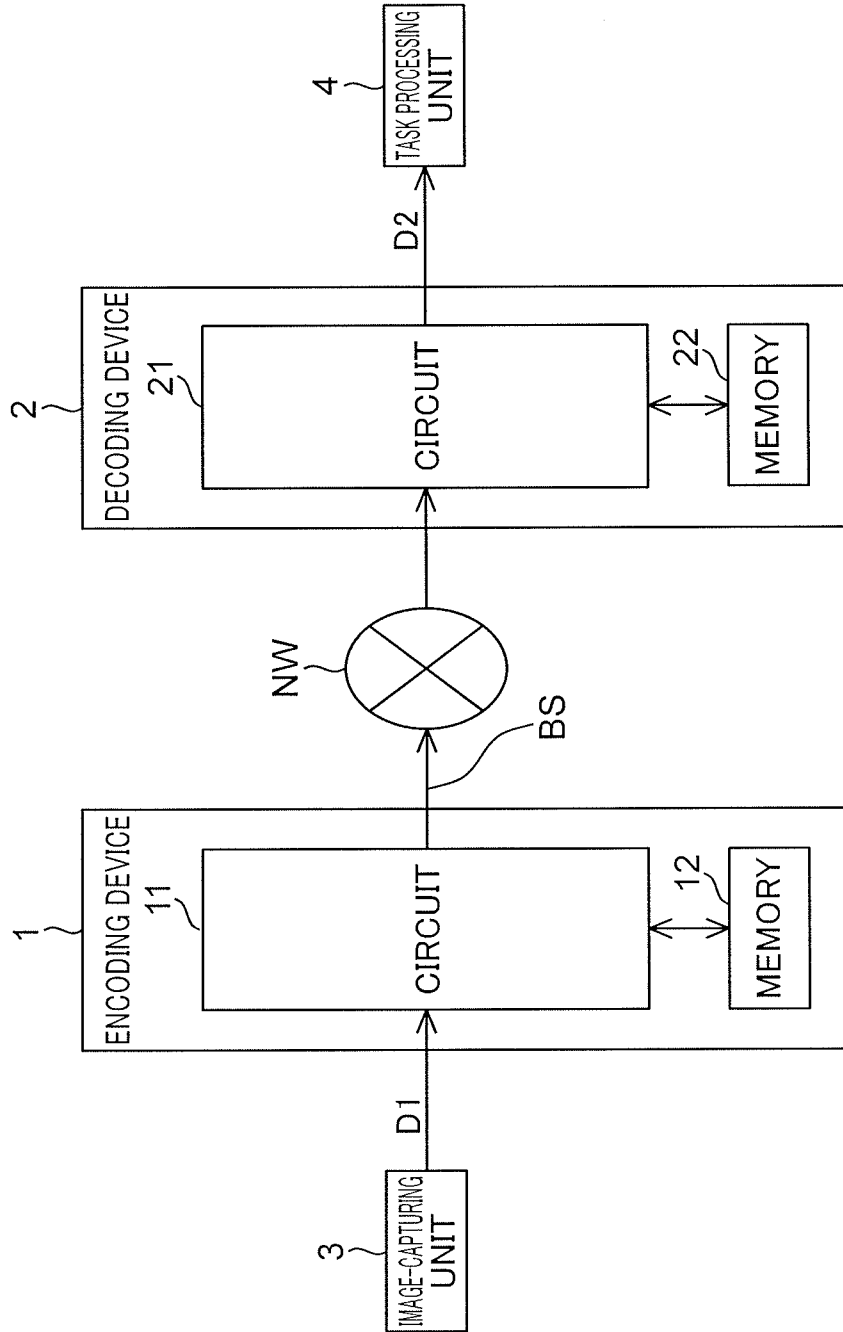


FIG.2

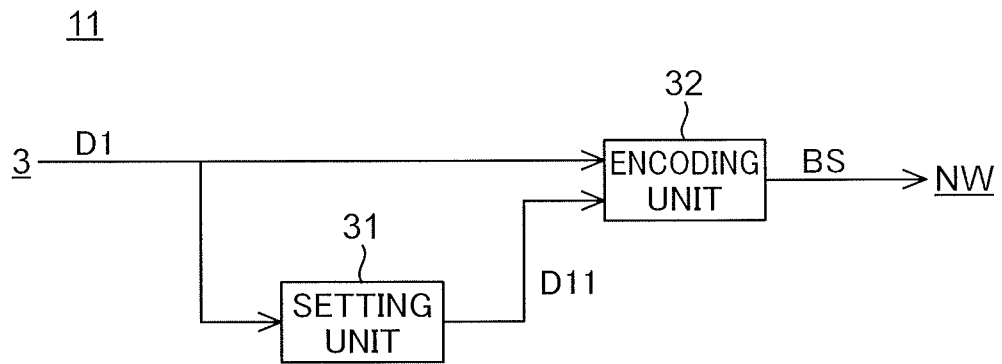


FIG.3

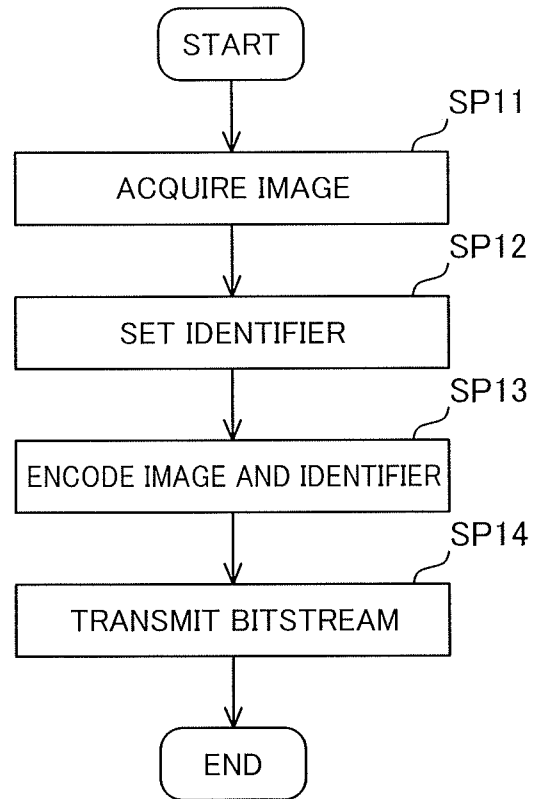


FIG.4

TASK PROCESSING: HUMAN VISION

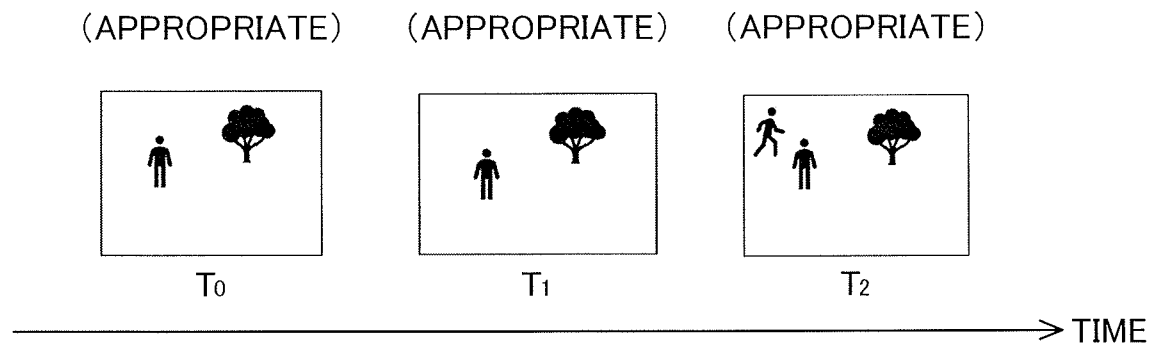


FIG.5

TASK PROCESSING: OBJECT DETECTION

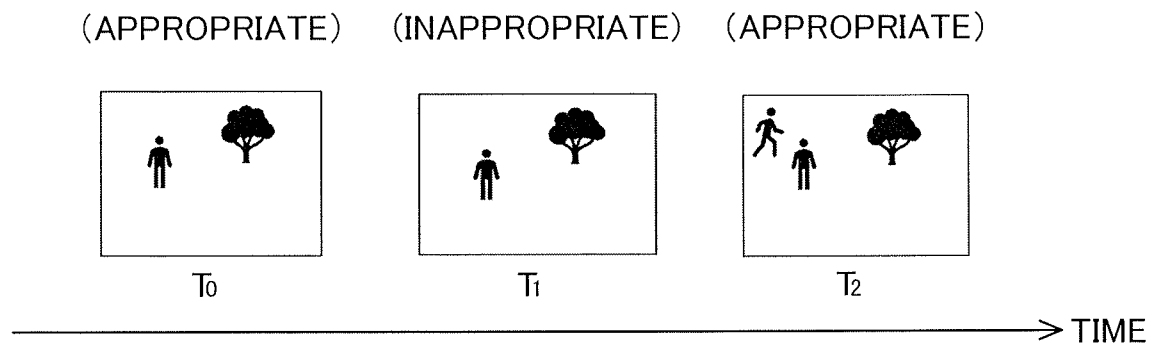


FIG.6

TASK PROCESSING: OBJECT TRACKING

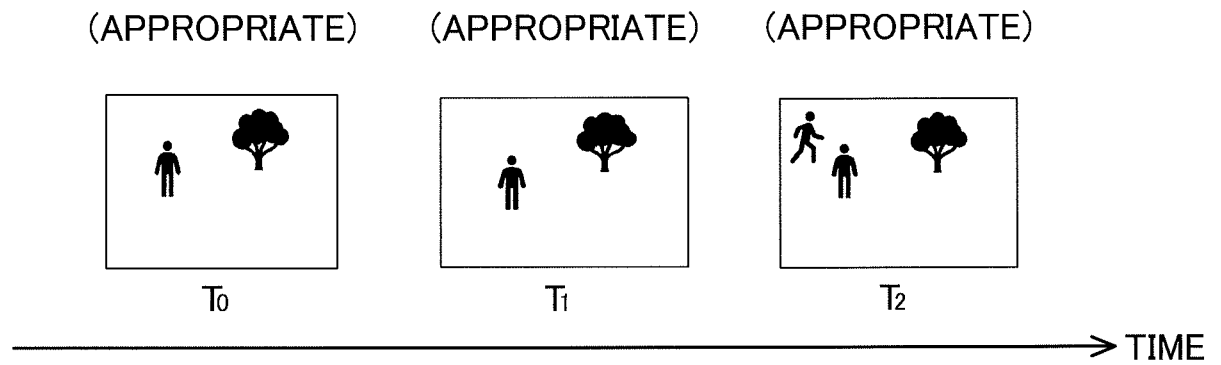


FIG.7

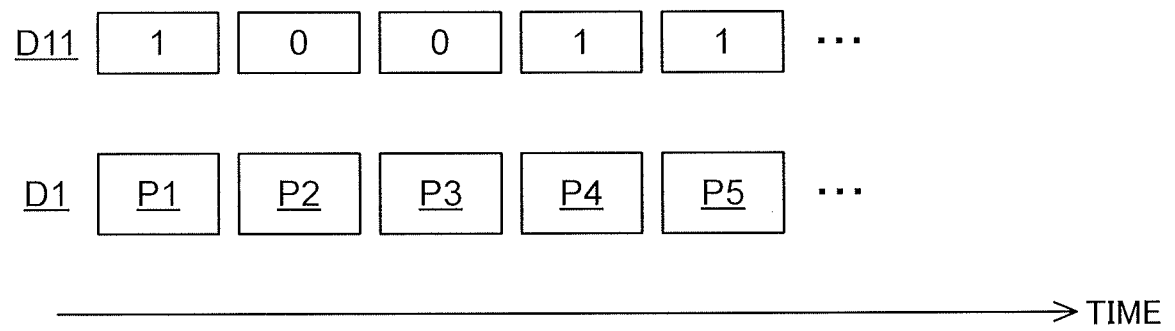


FIG.8

sub_function(payloadSize){	IDENTIFIER
...	
frame_for_inference	u(1)
...	
}	

FIG.9

frame_for_inference

(A)

1	APPROPRIATE
0	INAPPROPRIATE

frame_for_inference

(B)

1	APPROPRIATE
0	NOT DESIGNATED

FIG.10

sub_function(payloadSize){	IDENTIFIER
...	
frame_not_for_inference	u(1)
...	
}	

FIG.11

frame_not_for_inference

(A)

1	INAPPROPRIATE
0	APPROPRIATE

frame_not_for_inference

(B)

1	INAPPROPRIATE
0	NOT DESIGNATED

FIG.12

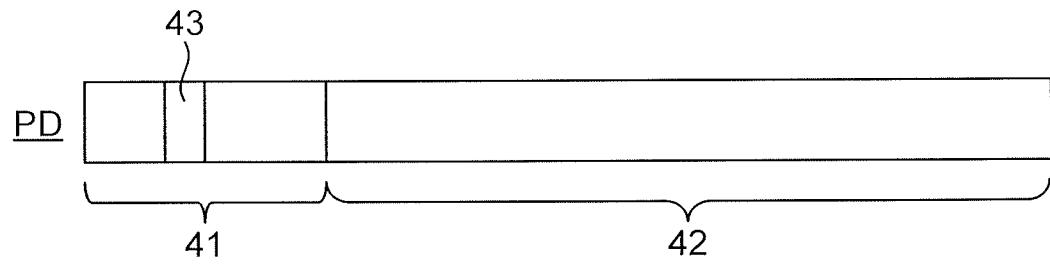


FIG.13

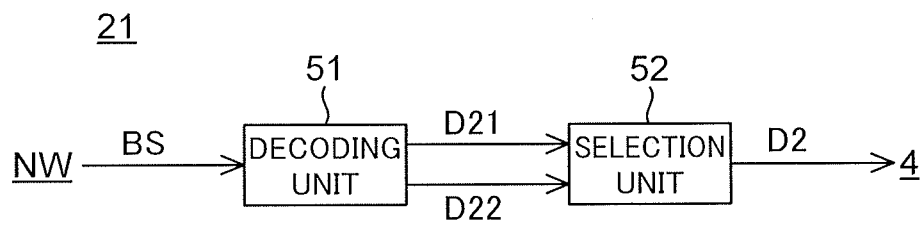


FIG.14

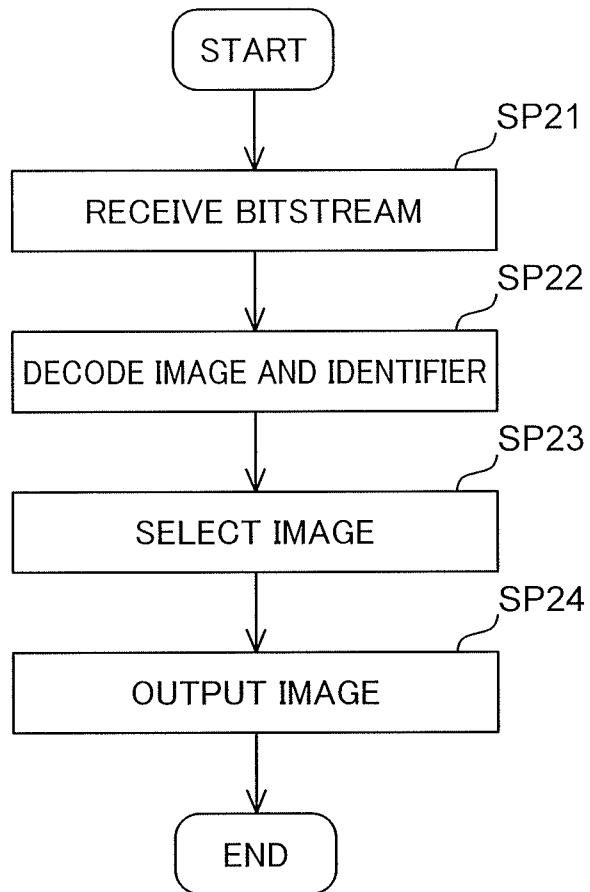


FIG.15

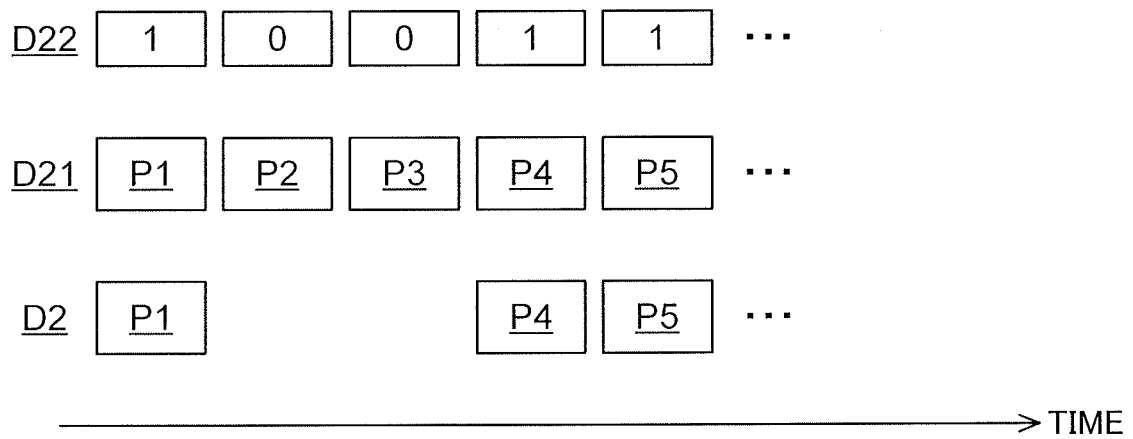


FIG.16

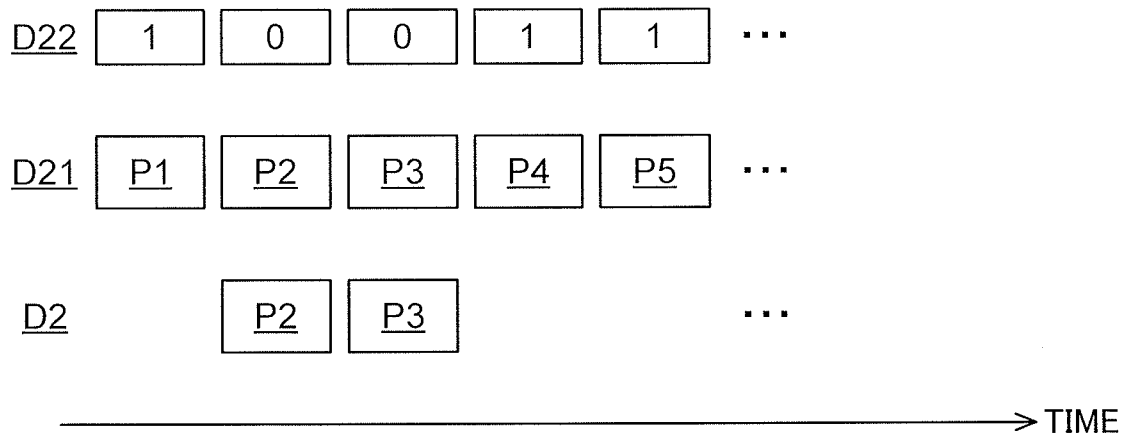


FIG.17

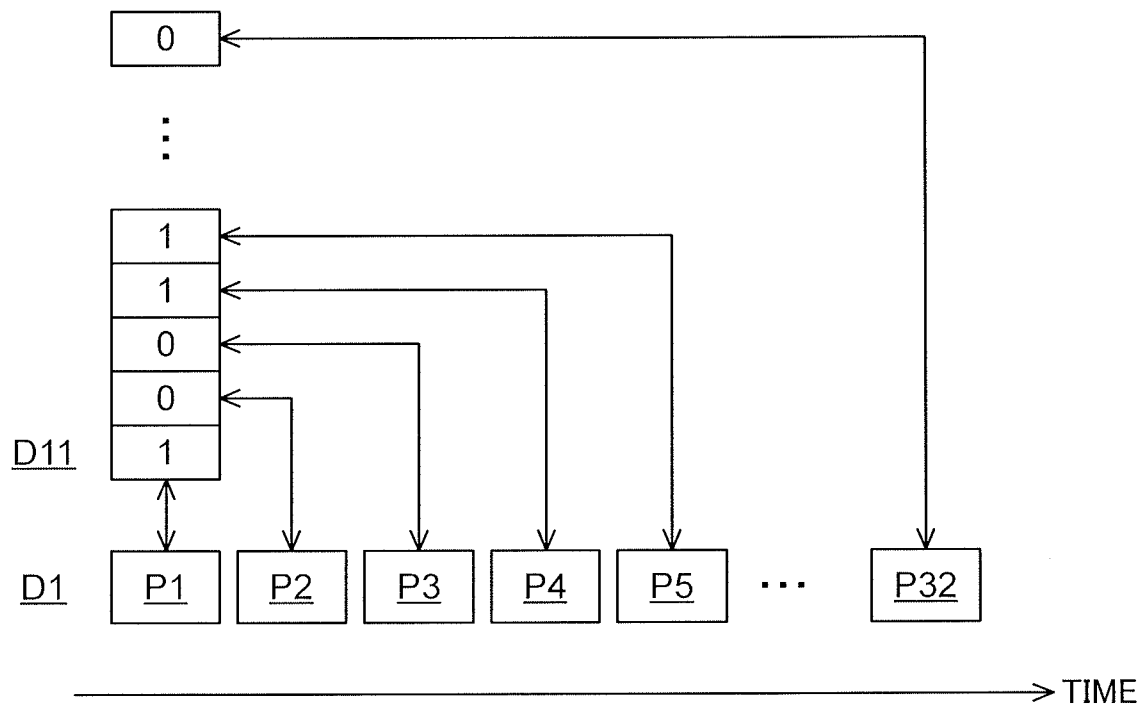


FIG.18

sub_function(payloadSize){	IDENTIFIER
...	
num_frames_minus1	ue(v)
for(i=0;i<num_frames_minus1+1;i++){	
frame_for_inference[i]	u(1)
}	
while(!byte_aligned())	
reserved_zero_bit/*equal to 0*/	u(1)
...	
}	

FIG.19

sub_function(payloadSize){	IDENTIFIER
...	
num_frames_minus1	ue(v)
for(i=0;i<num_frames_minus1+1;i++){	
image_identifier[i]	ue(v)
frame_for_inference[i]	u(1)
}	
while(!byte_aligned())	
reserved_zero_bit/*equal to 0*/	u(1)
...	
}	

FIG.20

frame_for_inference

(A)

1	APPROPRIATE
0	INAPPROPRIATE
×	NOT DESIGNATED

frame_for_inference

(B)

1	APPROPRIATE
0	NOT DESIGNATED
×	NOT DESIGNATED

FIG.21

frame_not_for_inference

(A)

1	INAPPROPRIATE
0	APPROPRIATE
×	NOT DESIGNATED

frame_not_for_inference

(B)

1	INAPPROPRIATE
0	NOT DESIGNATED
×	NOT DESIGNATED

FIG.22

sub_function(payloadSize){	IDENTIFIER
...	
num_frames_minus1	ue(v)
for(i=0;i<num_frames_minus1+1;i++){	
frame_for_inference_present_flag[i]	u(1)
if(frame_for_inference_present_flag[i]){	
frame_for_inference[i]	u(1)
}	
}	
while(!byte_aligned())	
reserved_zero_bit/*equal to 0*/	u(1)
...	
}	

FIG.23

sub_function(payloadSize){	IDENTIFIER
...	
num_frames_minus1	ue(v)
for(i=0;i<num_frames_minus1+1;i++){	
frame_for_inference_present_flag[i]	u(1)
if(frame_for_inference_present_flag[i]){	
image_identifier[i]	ue(v)
frame_for_inference[i]	u(1)
}	
}	
while(!byte_aligned())	
reserved_zero_bit/*equal to 0*/	u(1)
...	
}	

FIG.24

sub_function(payloadSize){	IDENTIFIER
...	
vision_task	st(v)
...	
}	

FIG.25

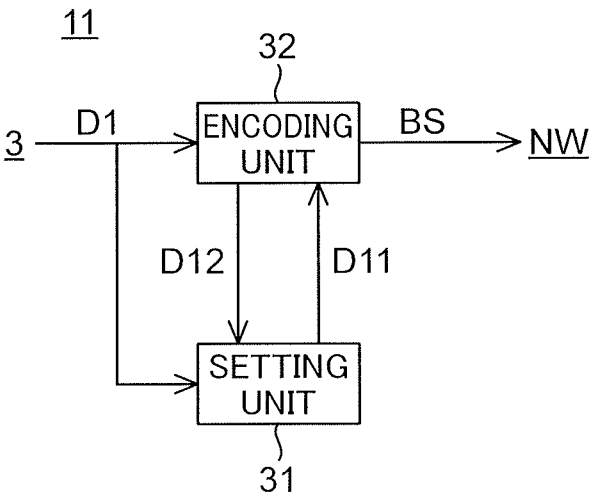


FIG.26

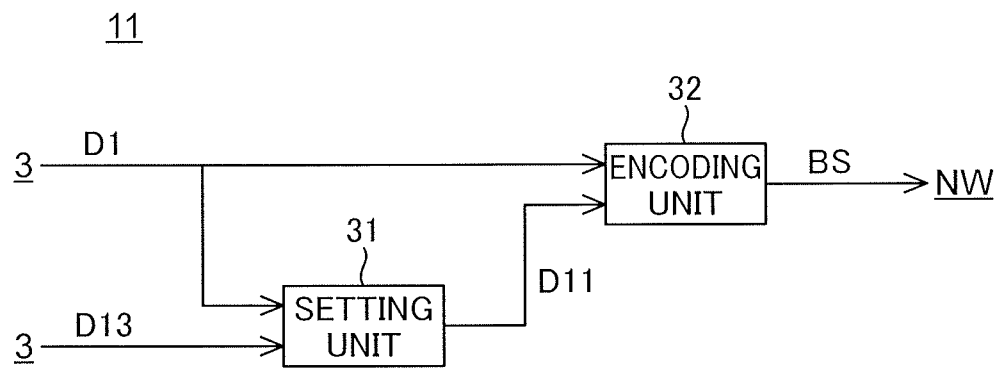


FIG.27

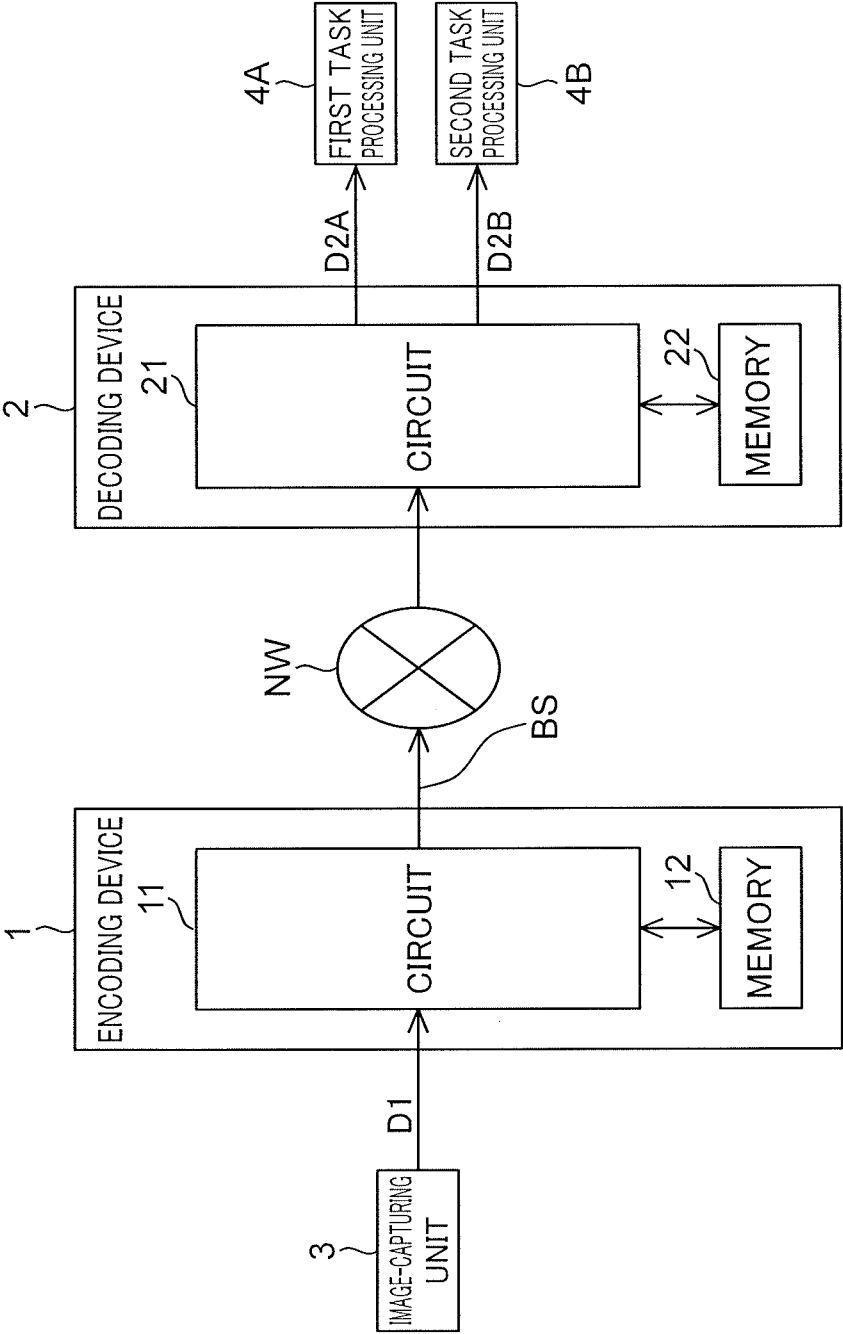


FIG.28

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FIRST TASK PROCESSING	OBJECT DETECTION
SECOND TASK PROCESSING	HUMAN VISION

FIG.29

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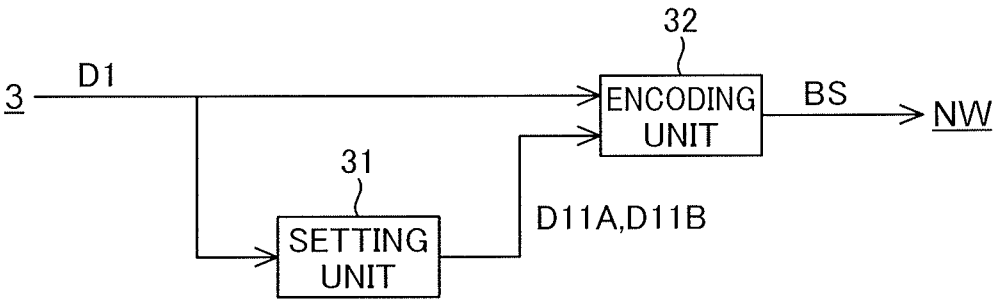


FIG.30

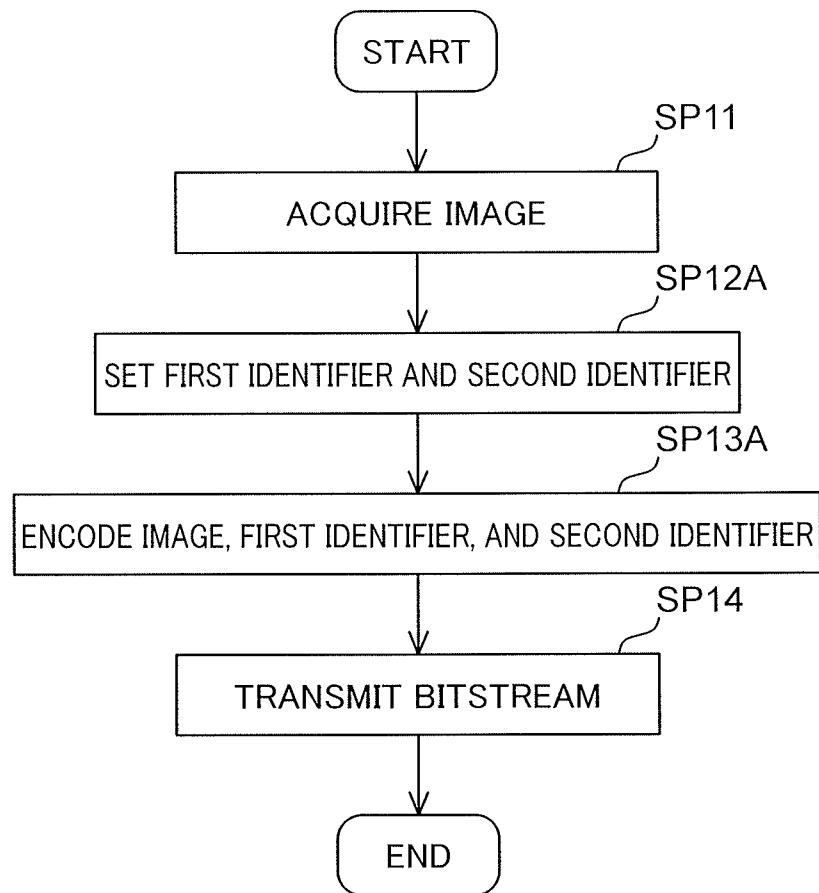


FIG.31

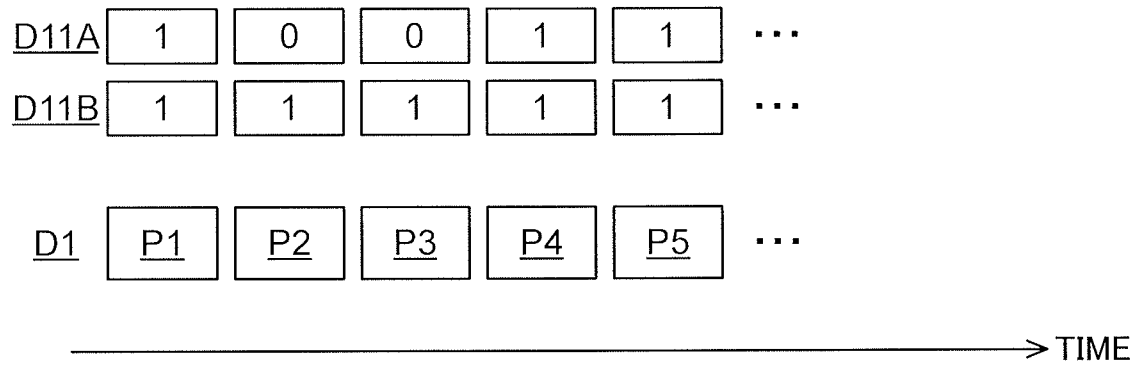


FIG.32

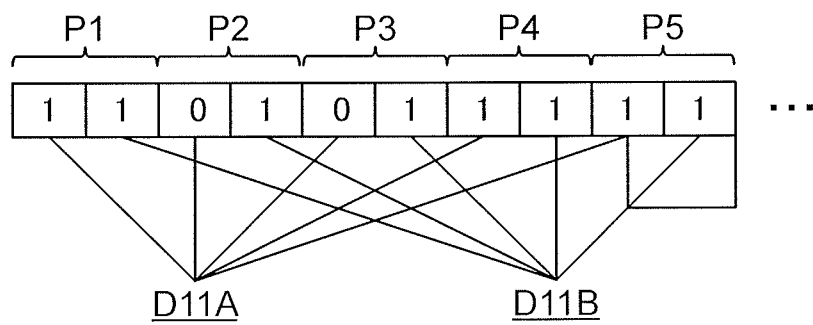


FIG.33A

sub_function(payloadSize){	IDENTIFIER
...	
num_vision_task_minus1	u(3)
for(i=0;i<num_vision_task_minus1+1;i++){	
frame_for_inference[i]	u(1)
}	
while(!byte_aligned())	
reserved_zero_bit/*equal to 0*/	u(1)
...	
}	

FIG.33B

sub_function(payloadSize){	IDENTIFIER
...	
frame_for_inference[0]	u(1)
frame_for_inference[1]	u(1)
frame_for_inference[2]	u(1)
...	
}	

FIG.34A

sub_function(payloadSize){	IDENTIFIER
...	
num_vision_task_minus1	u(3)
for(i=0;i<num_vision_task_minus1+1;i++){	
frame_not_for_inference[i]	u(1)
}	
while(!byte_aligned())	
reserved_zero_bit/*equal to 0*/	u(1)
...	
}	

FIG.34B

sub_function(payloadSize){	IDENTIFIER
...	
frame_not_for_inference[0]	u(1)
frame_not_for_inference[1]	u(1)
frame_not_for_inference[2]	u(1)
...	
}	

FIG.35

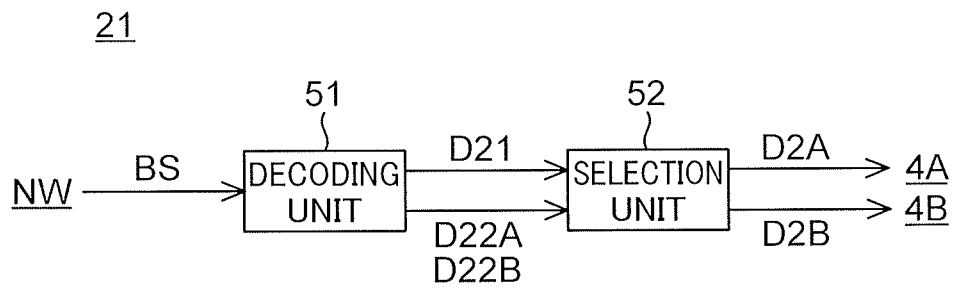


FIG.36

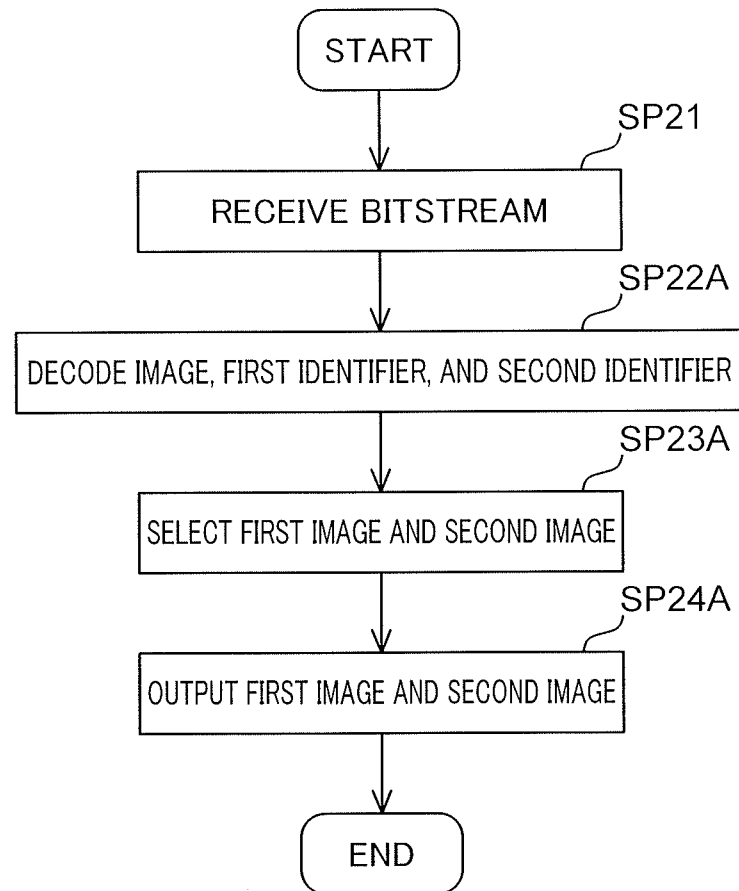


FIG.37

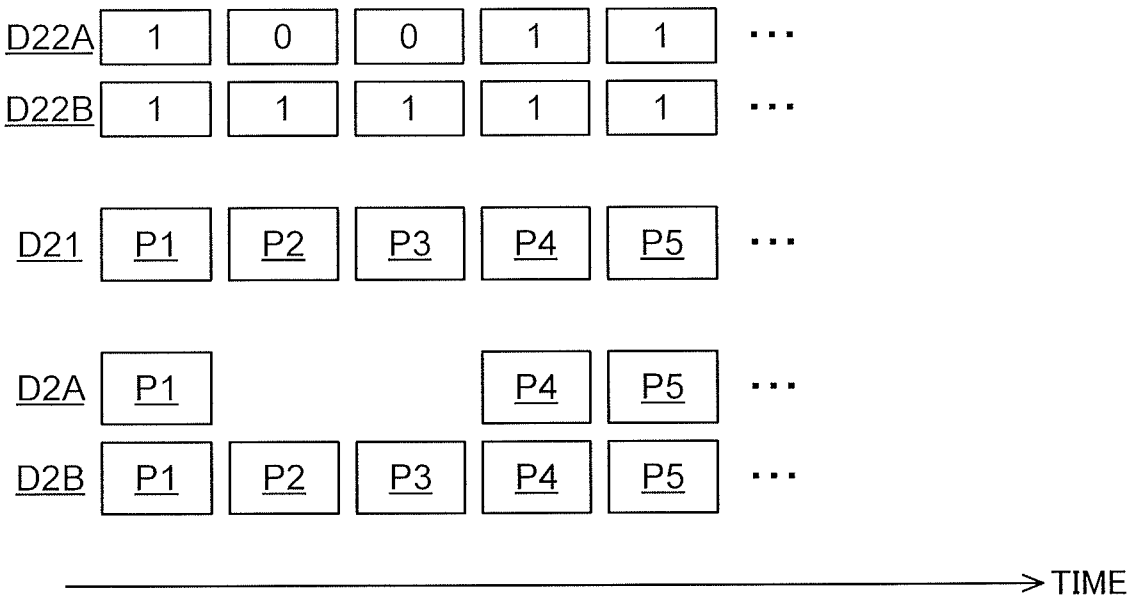


FIG.38

frame_for_inference

0	NOT DESIGNATED
1	INAPPROPRIATE
2	APPROPRIATE
3	UNDEFINED

FIG.39

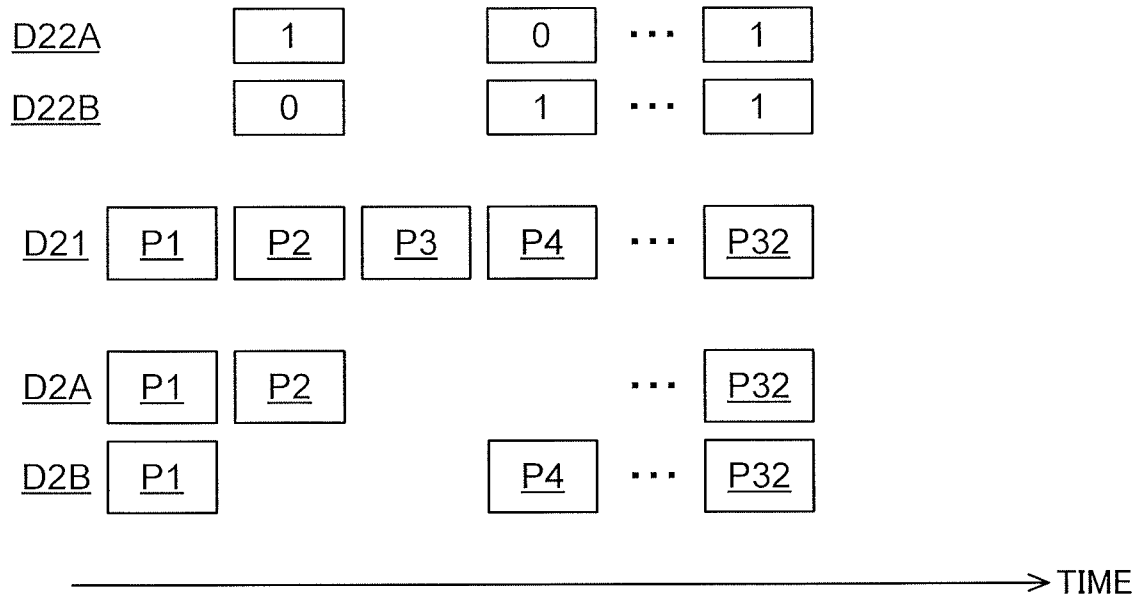


FIG.40

sub_function(payloadSize){	IDENTIFIER
...	
num_identifer_minus1	u(3)
for(i=0;i<num_identifer_minus1+1;i++){	
vision_task[i]	st(v)
}	
while(!byte_aligned())	
reserved_zero_bit/*equal to 0*/	u(1)
...	
}	

FIG.41

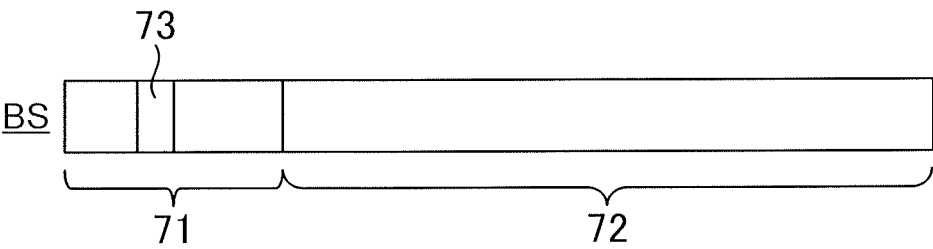


FIG.42

sub_function(payloadSize){	IDENTIFIER
...	
num_frames_minus1	ue(v)
num_vision_task_minus1	ue(v)
for(i=0;i<num_frames_minus1+1;i++){	
for(j=0;j<num_vision_task_minus1+1;j++){	
frame_for_inference[i][j]	u(1)
}	
}	
while(!byte_aligned())	
reserved_zero_bit/*equal to 0*/	u(1)
...	
}	

FIG.43

sub_function(payloadSize){	IDENTIFIER
...	
num_frames_minus1	ue(v)
num_vision_task_minus1	ue(v)
for(i=0;i<num_frames_minus1+1;i++){	
image_identifier[i]	ue(v)
for(j=0;j<num_vision_task_minus1+1;j++){	
frame_for_inference[i][j]	u(1)
}	
}	
while(!byte_aligned())	
reserved_zero_bit/*equal to 0*/	u(1)
...	
}	

FIG.44

sub_function(payloadSize){	IDENTIFIER
...	
num_frames_minus1	ue(v)
for(i=0;i<num_frames_minus1+1;i++){	
frame_for_inference_present_flag[i]	u(1)
if(frame_for_inference_present_flag[i]){	
num_vision_task_minus1	ue(v)
for(j=0;j<num_vision_task_minus1+1;j++){	
frame_for_inference[i][j]	u(1)
}	
}	
}	
while(!byte_aligned())	
reserved_zero_bit/*equal to 0*/	u(1)
...	
}	

FIG.45

sub_function(payloadSize){	IDENTIFIER
...	
num_frames_minus1	ue(v)
for(i=0;i<num_frames_minus1+1;i++){	
frame_for_inference_present_flag[i]	u(1)
if(frame_for_inference_present_flag[i]){	
image_identifier[i]	ue(v)
num_vision_task_minus1	ue(v)
for(j=0;j<num_vision_task_minus1+1;j++){	
frame_for_inference[i][j]	u(1)
}	
}	
}	
while(!byte_aligned())	
reserved_zero_bit/*equal to 0*/	u(1)
...	
}	