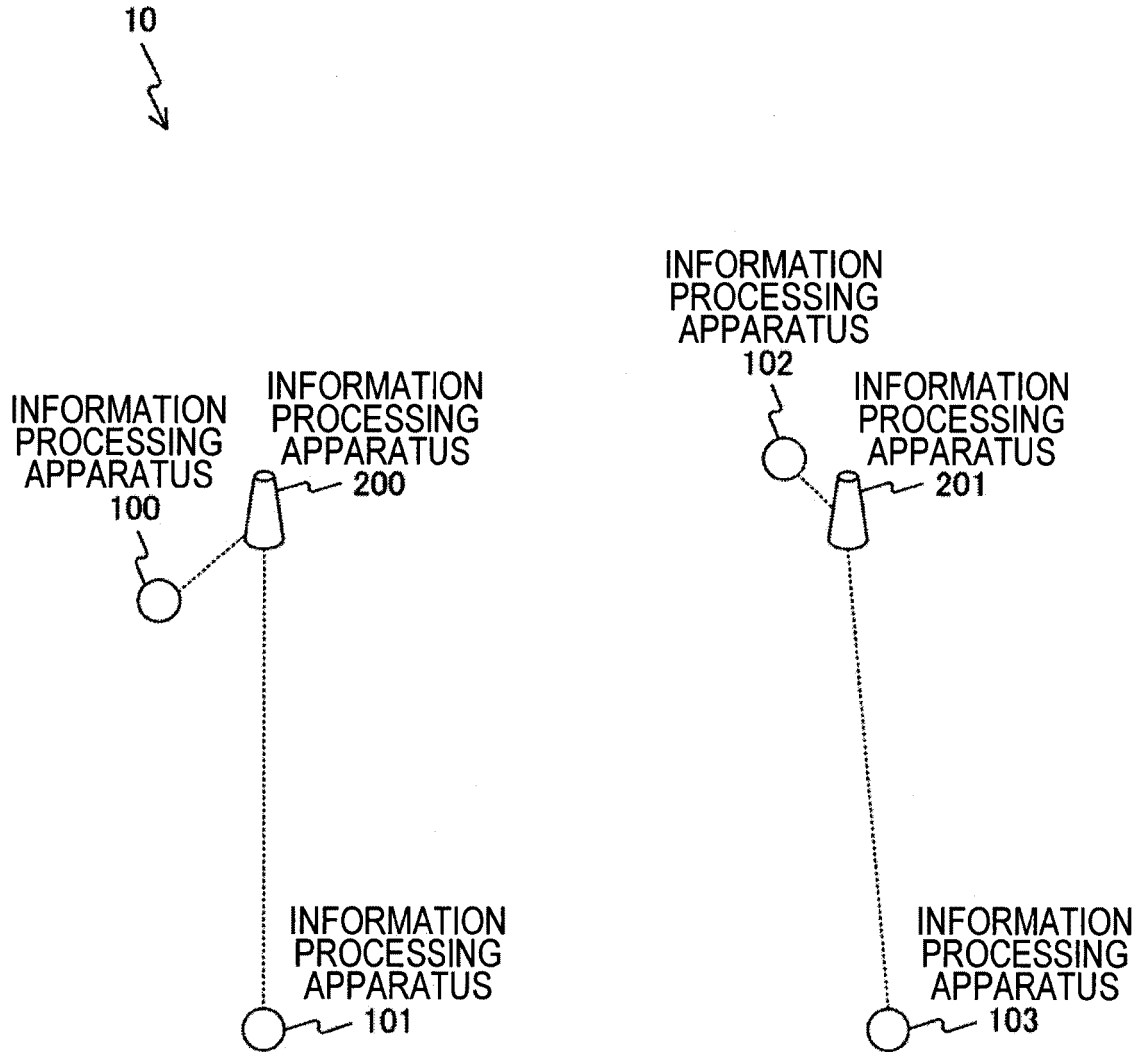
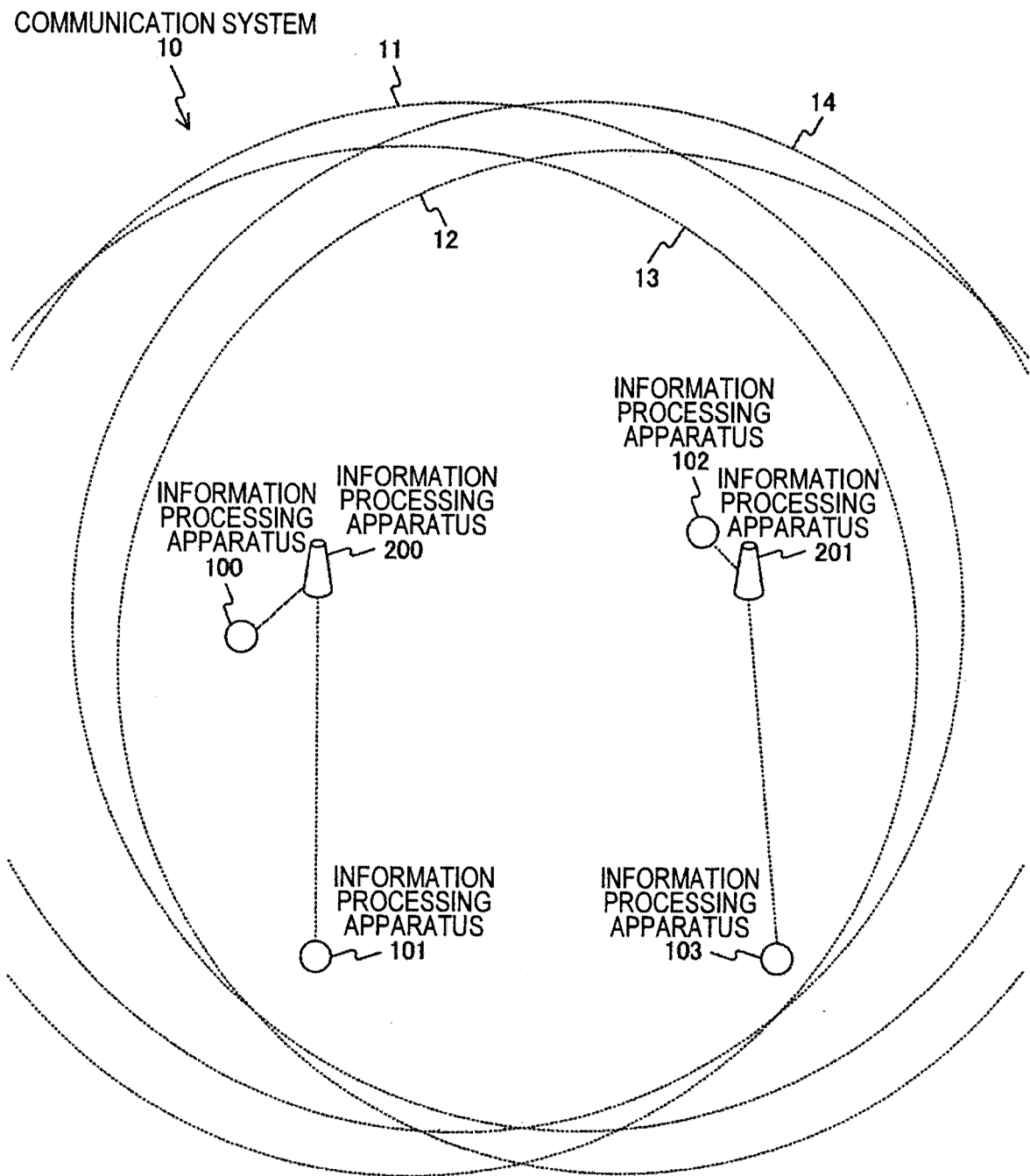


[Fig. 1]

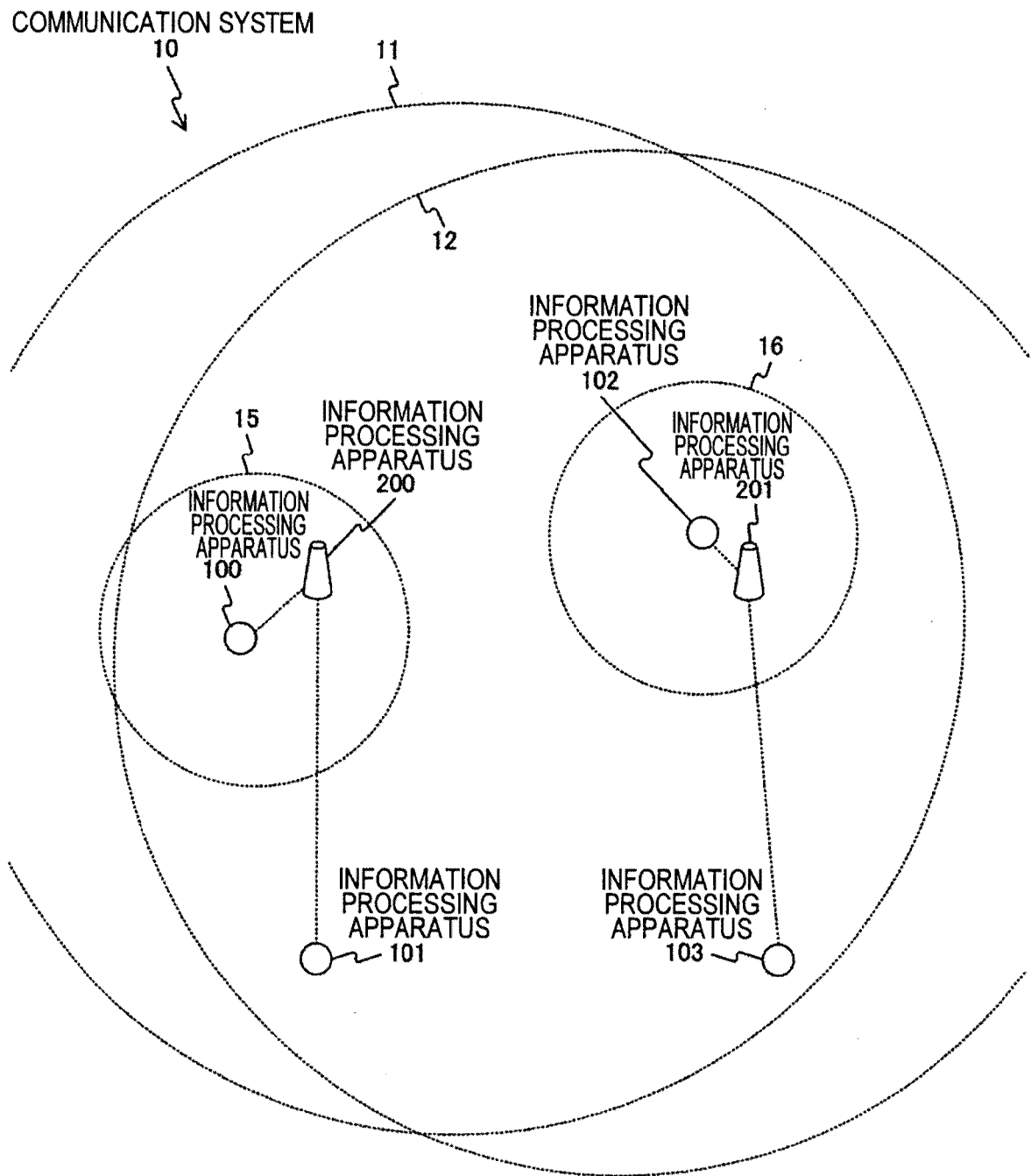
COMMUNICATION SYSTEM



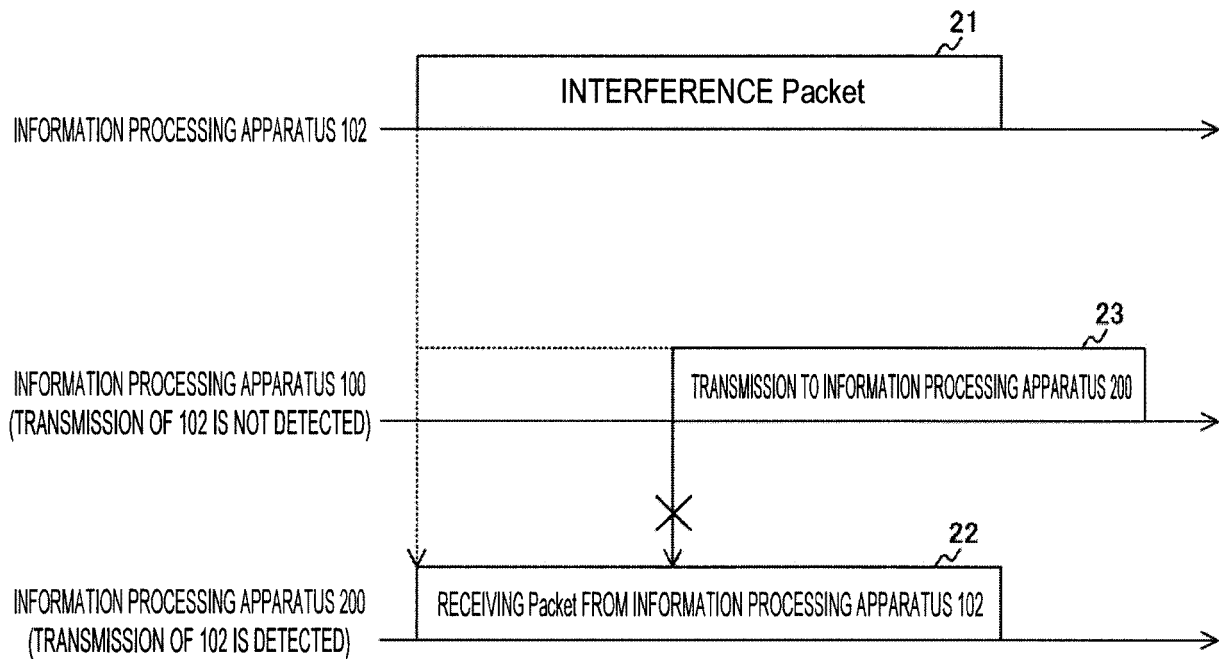
[Fig. 2]



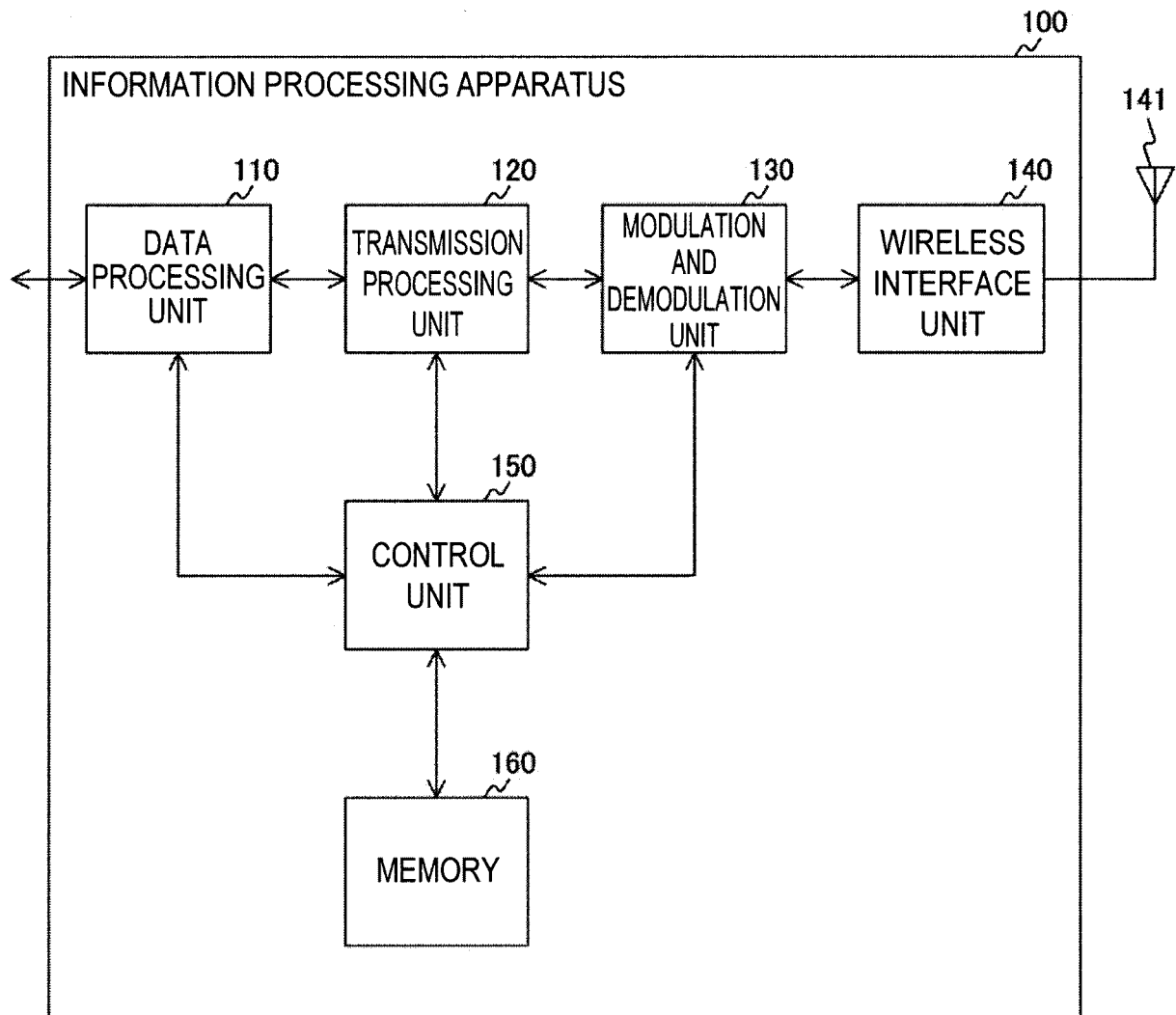
[Fig. 3]



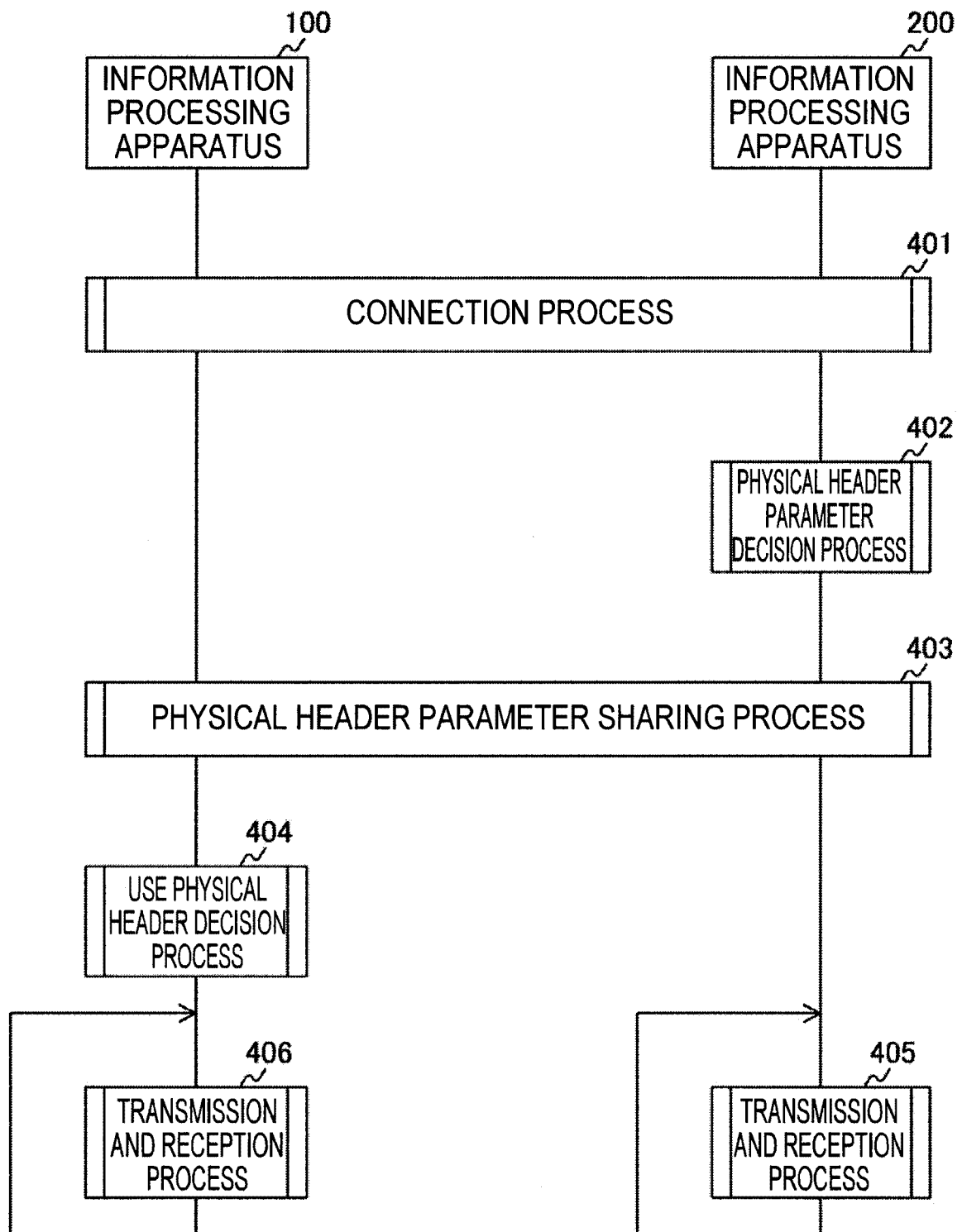
[Fig. 4]



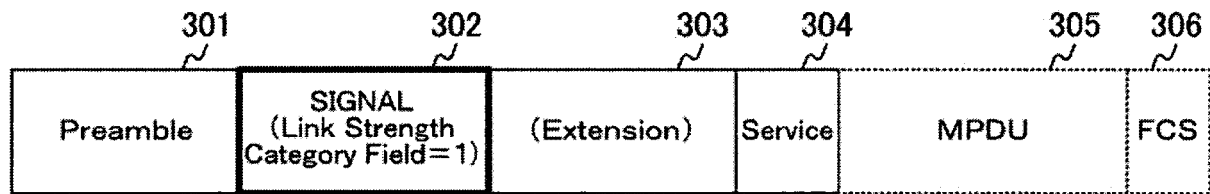
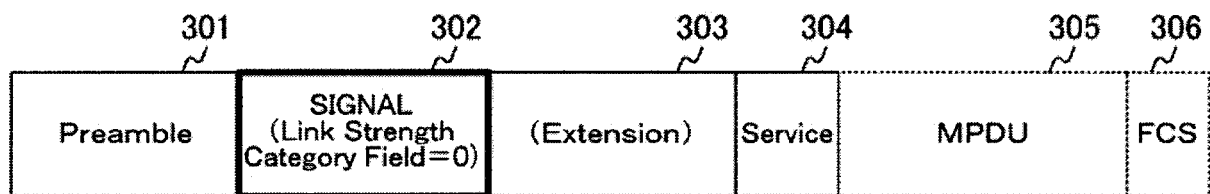
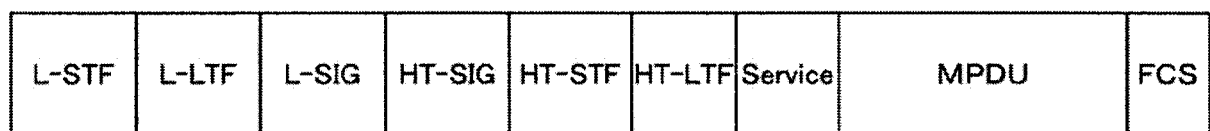
[Fig. 5]



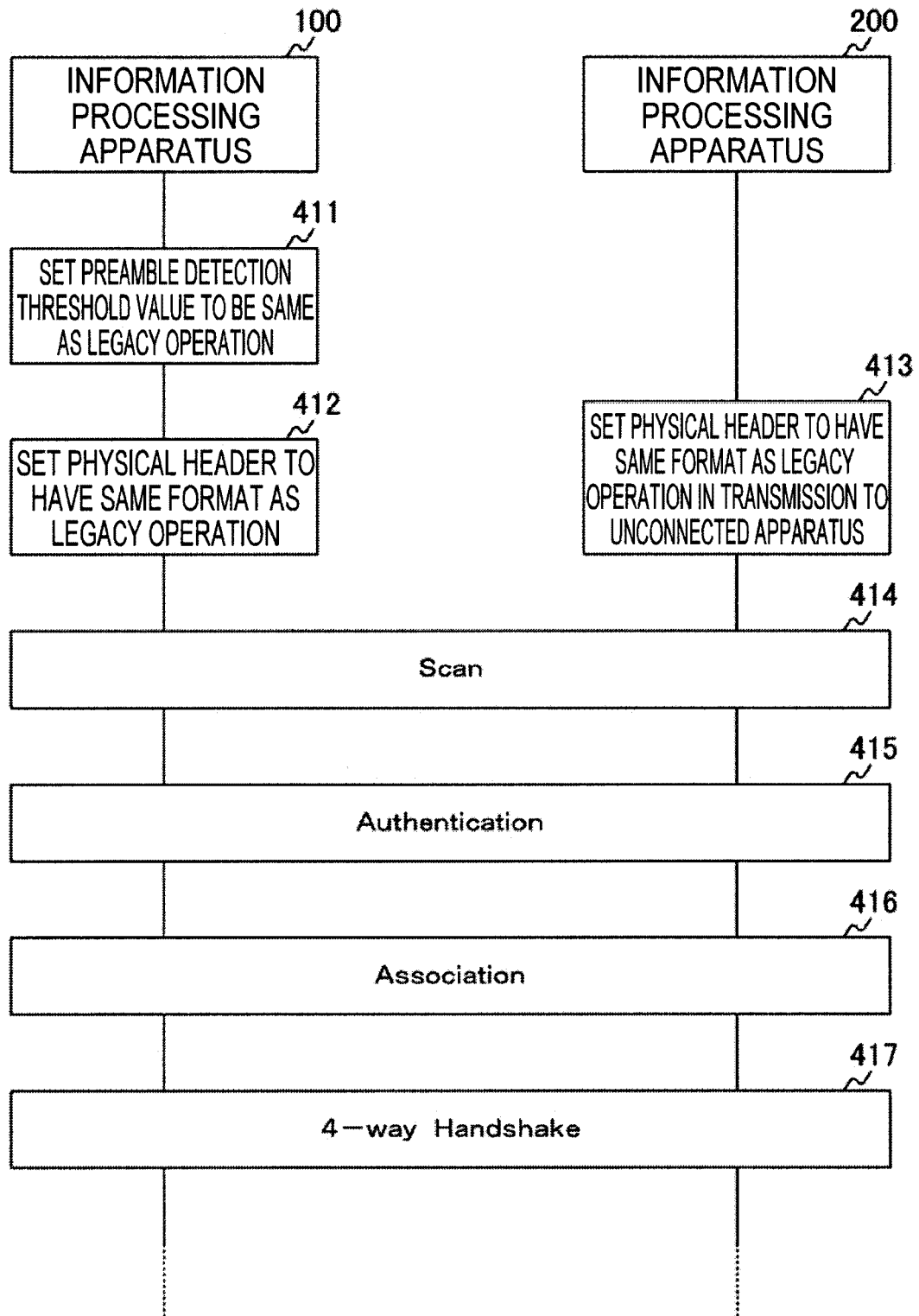
[Fig. 6]



[Fig. 7]

EXAMPLE OF SHORT-DISTANCE PHYSICAL HEADERaEXAMPLE OF LONG-DISTANCE PHYSICAL HEADER (INCLUDING LEGACY PHYSICAL HEADER)bc

[Fig. 8]



[Fig. 9]

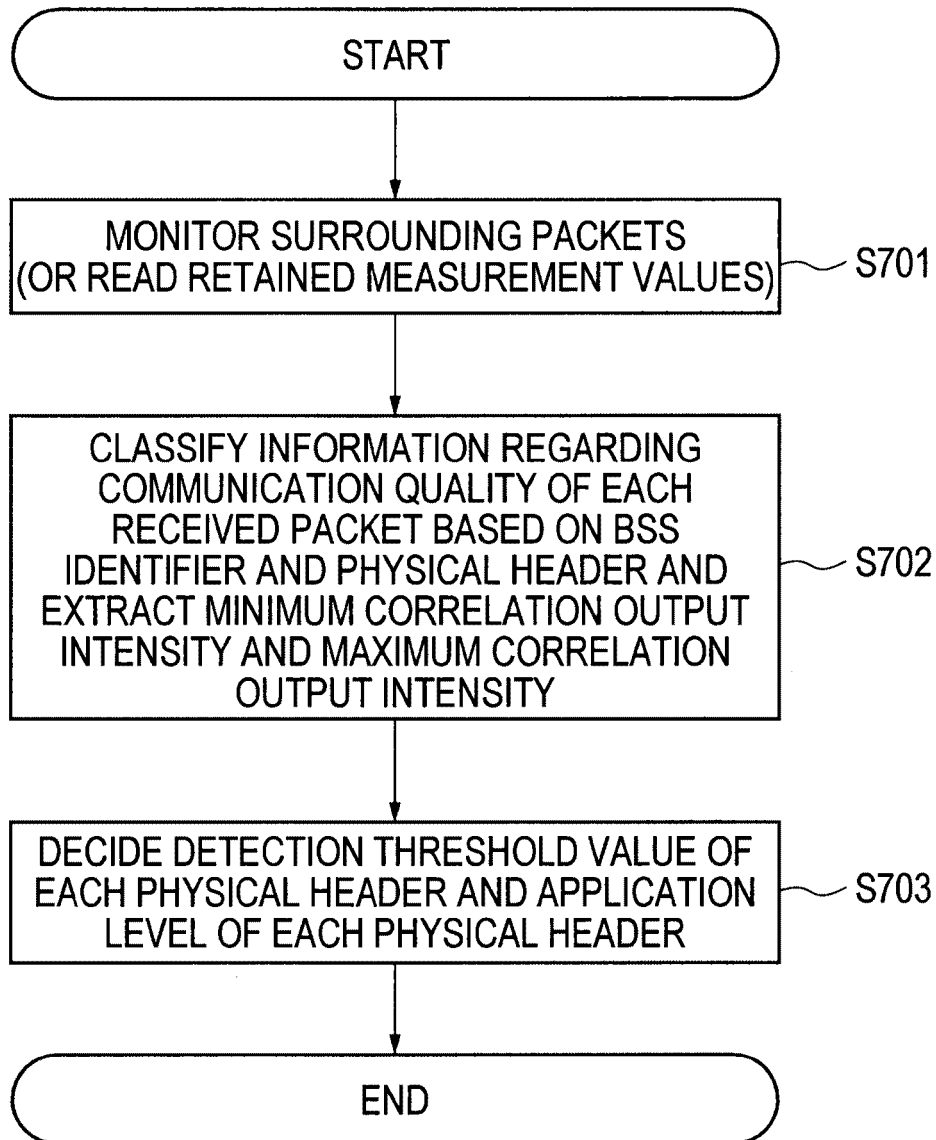
SETTING INFORMATION LIST

161

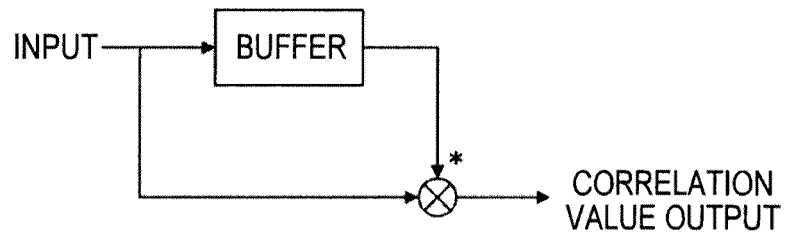
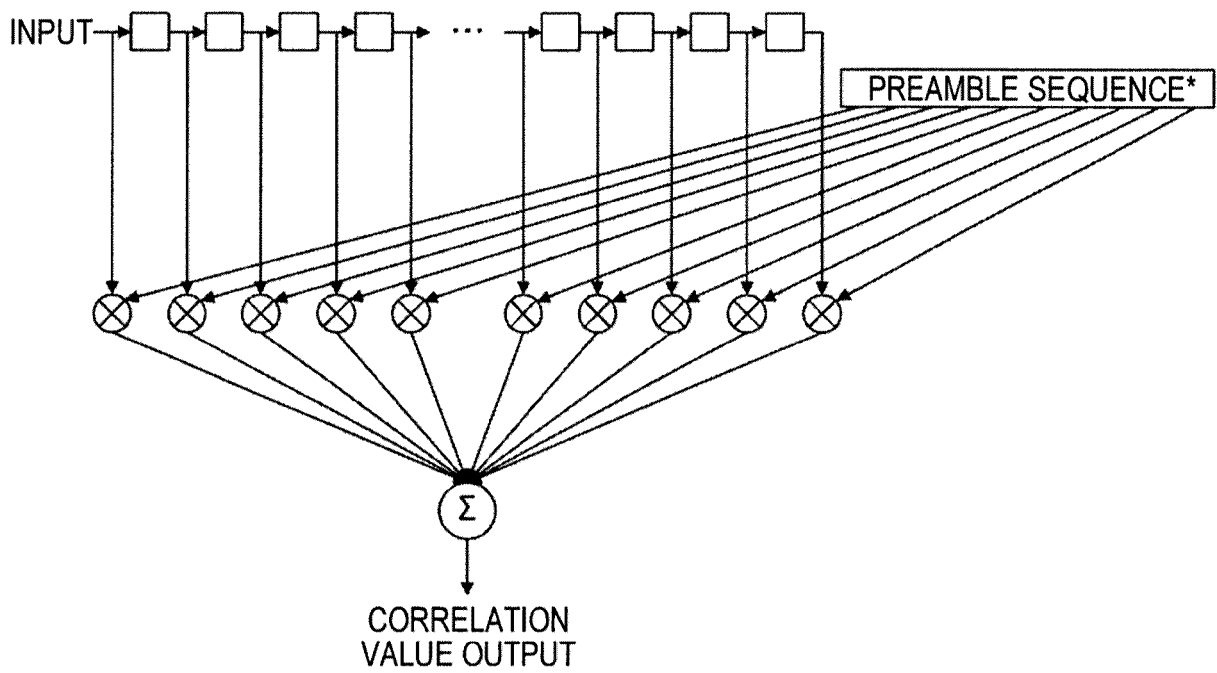
162 163 164

INDEX	DETECTION THRESHOLD VALUE (dBm)	APPLICATION LEVEL (dBm)
0	-65	-40
1	-80	-99

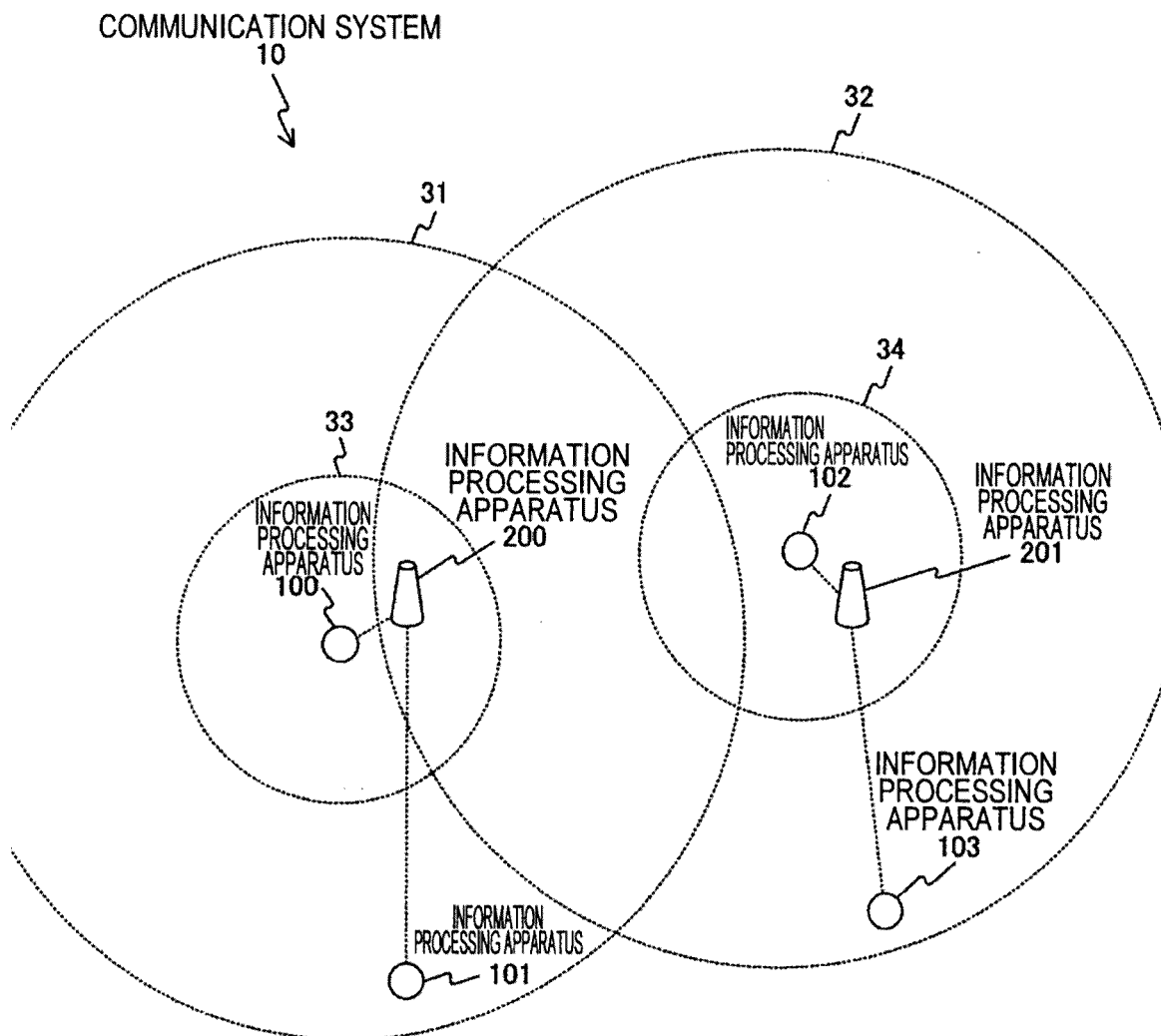
[Fig. 10]



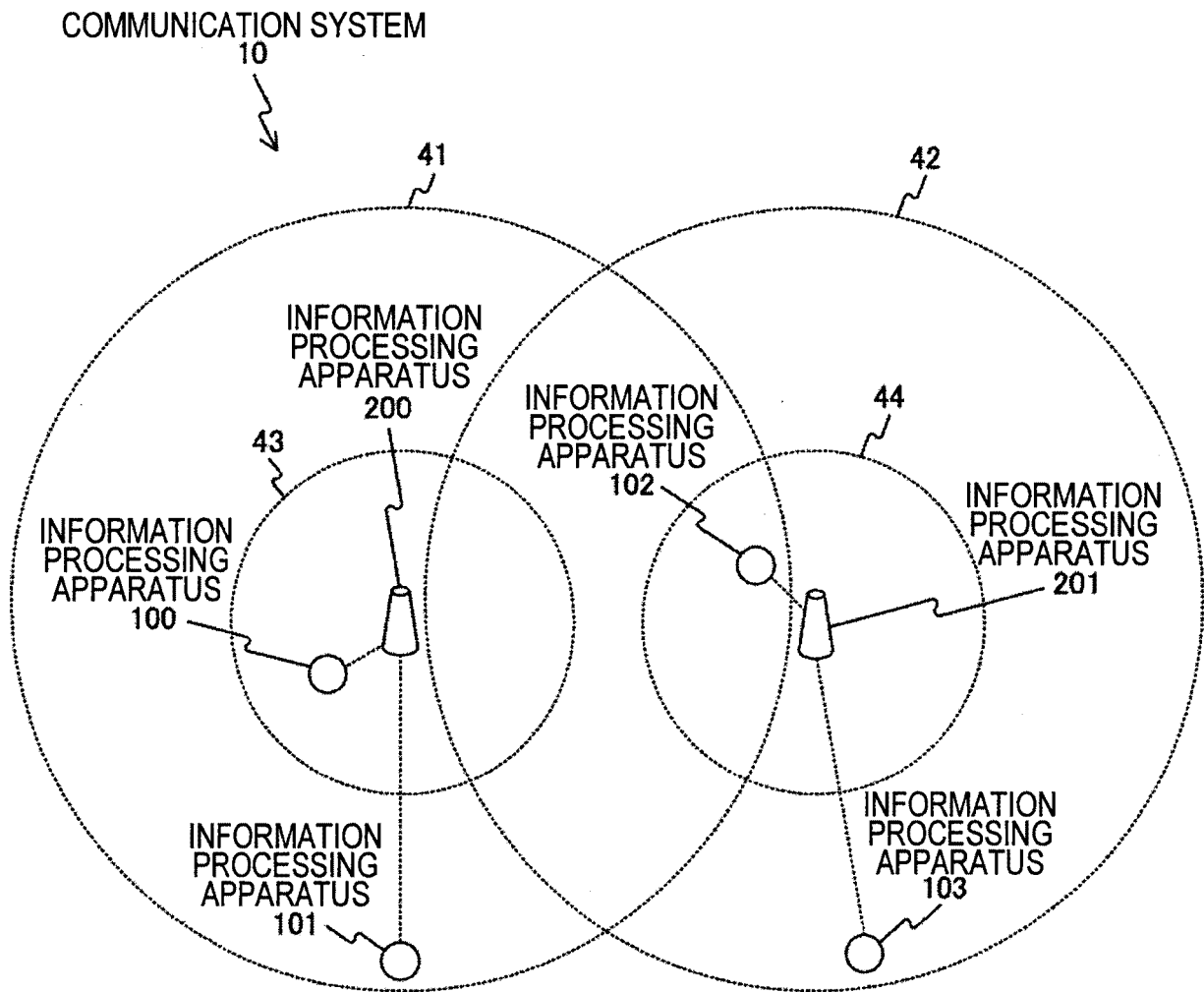
[Fig. 11]

CORRELATOR EXAMPLE (AUTOCORRELATION)aCORRELATOR EXAMPLE (CROSS-CORRELATION)b

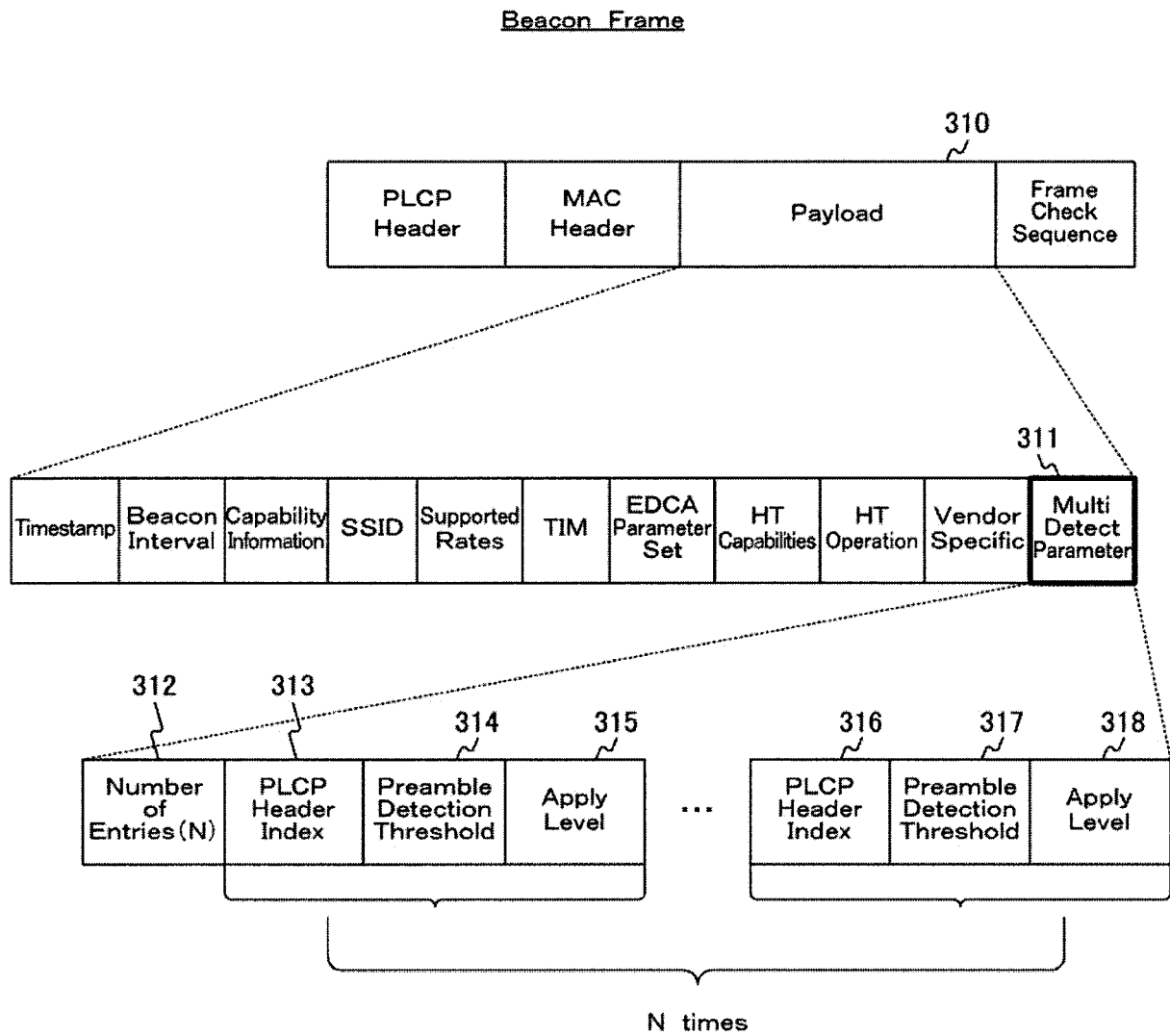
[Fig. 12]



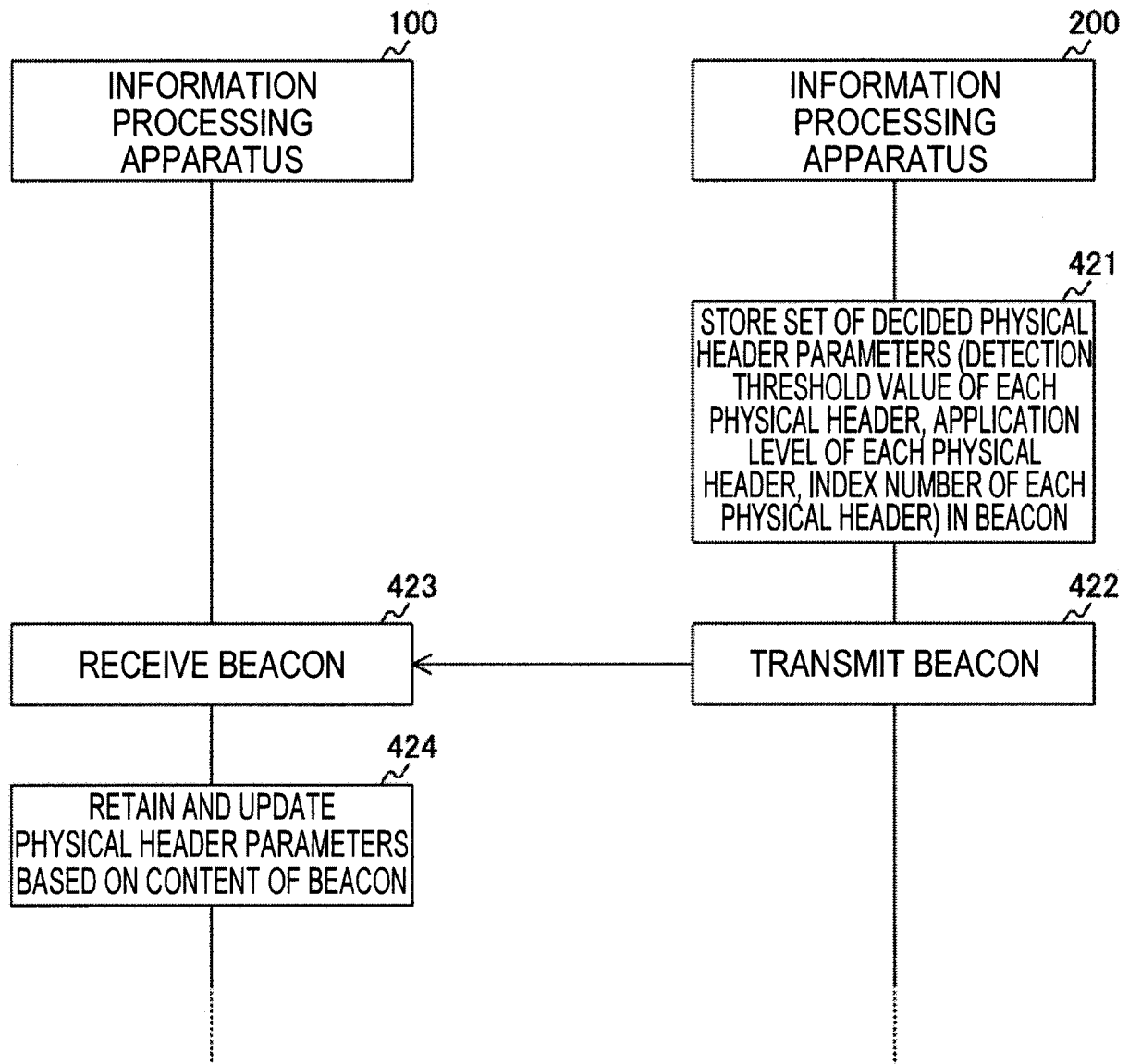
[Fig. 13]



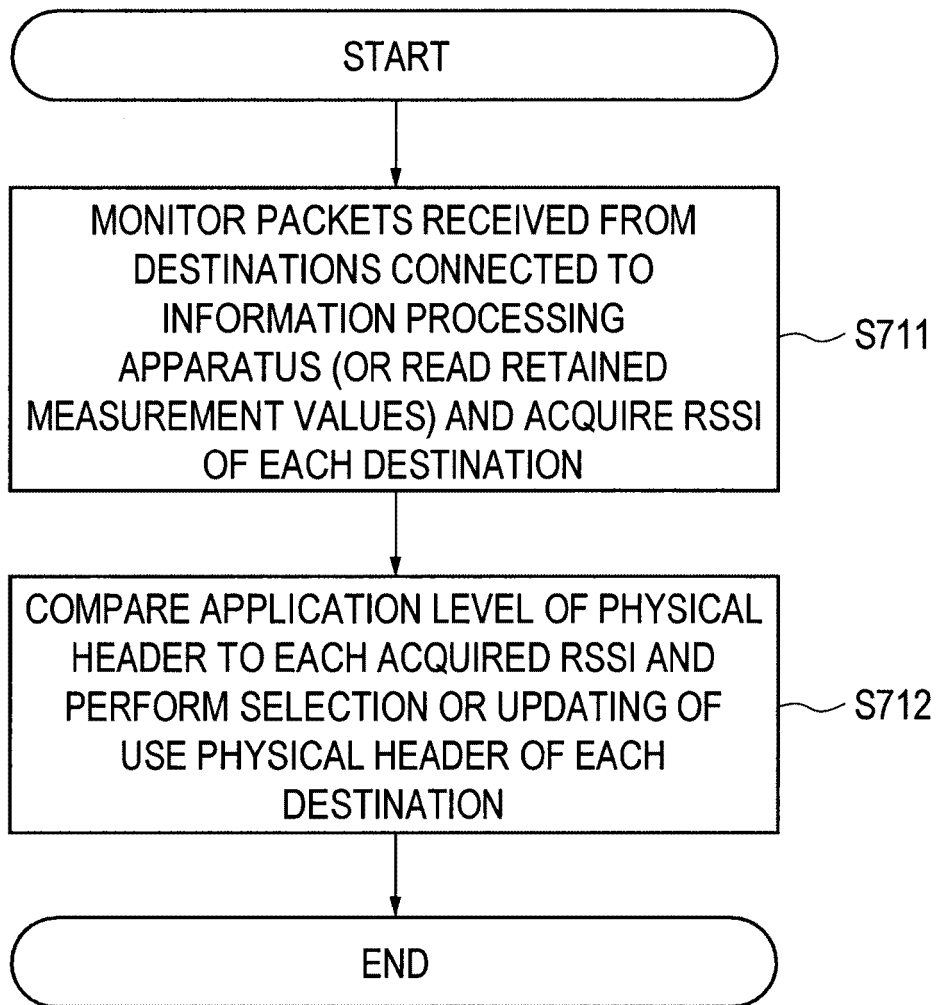
[Fig. 14]



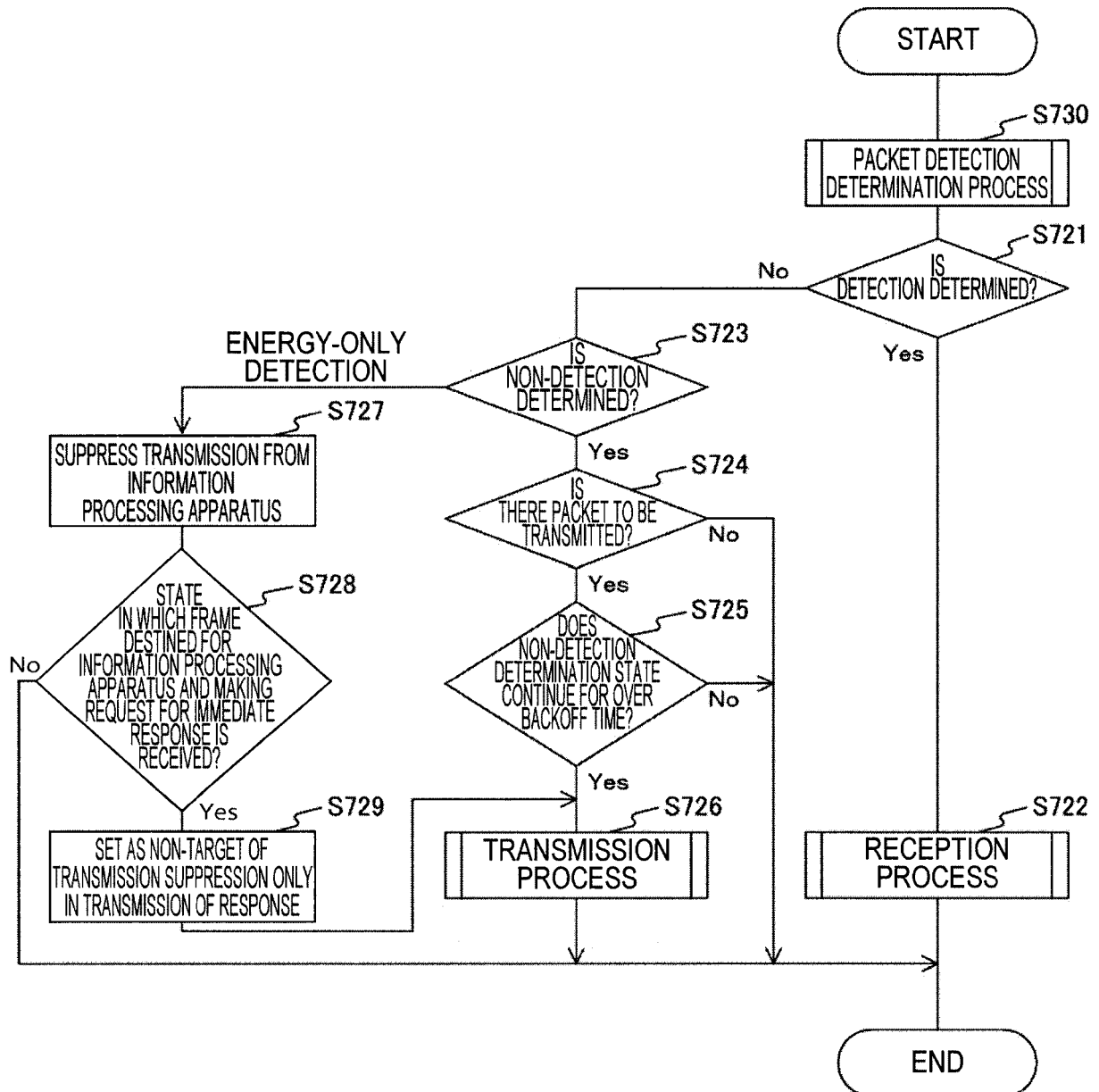
[Fig. 15]



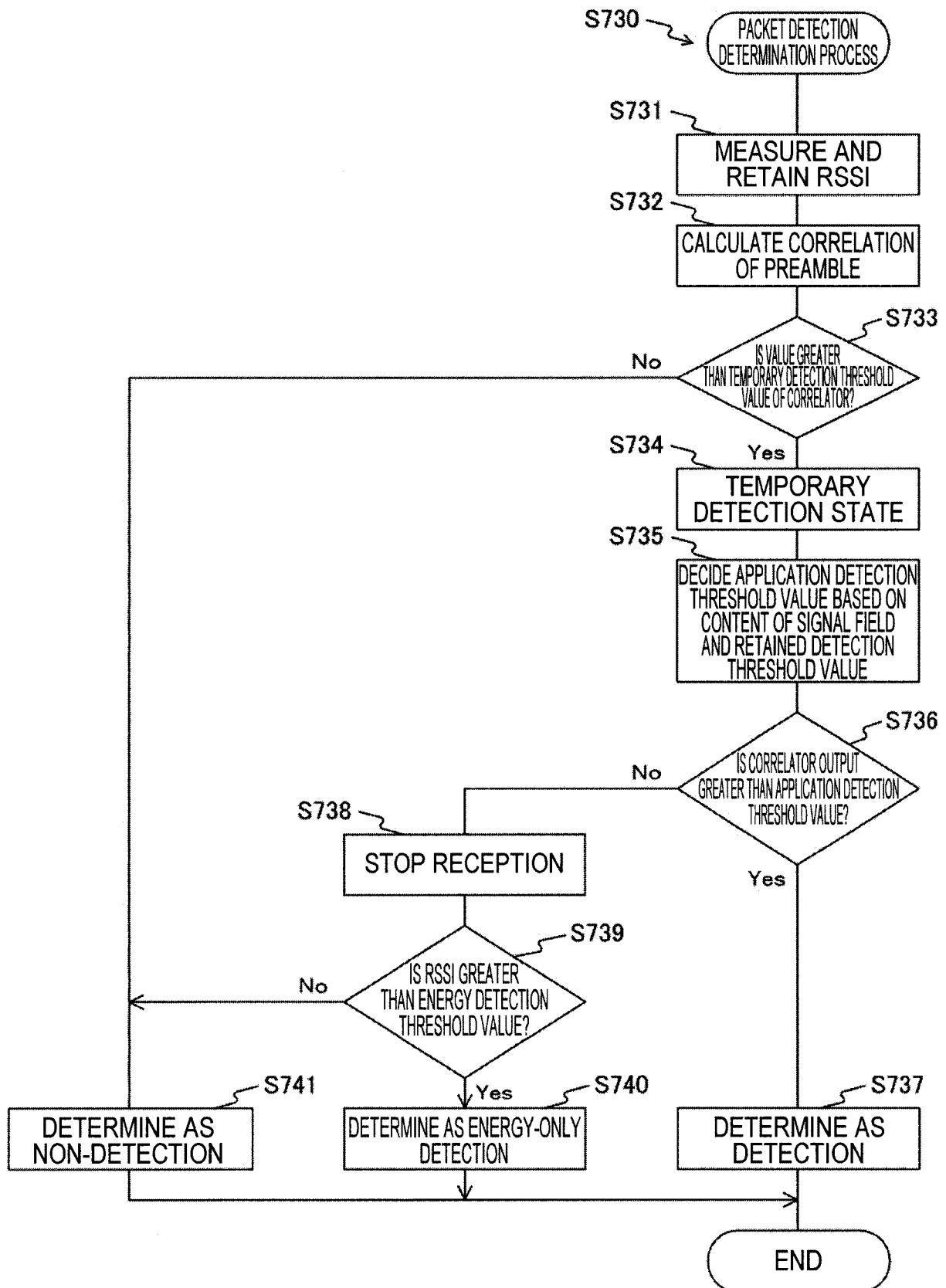
[Fig. 16]



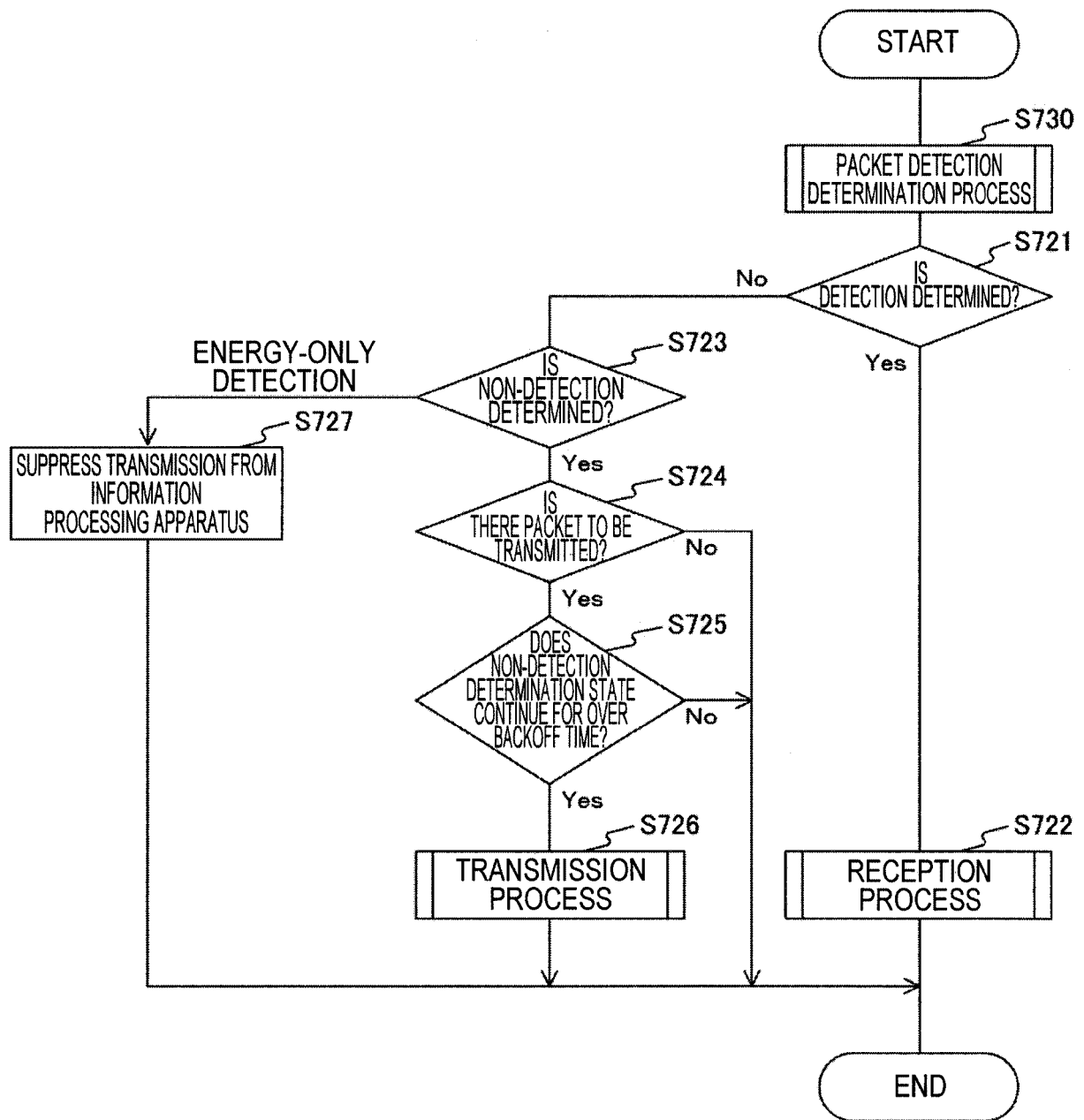
[Fig. 17]



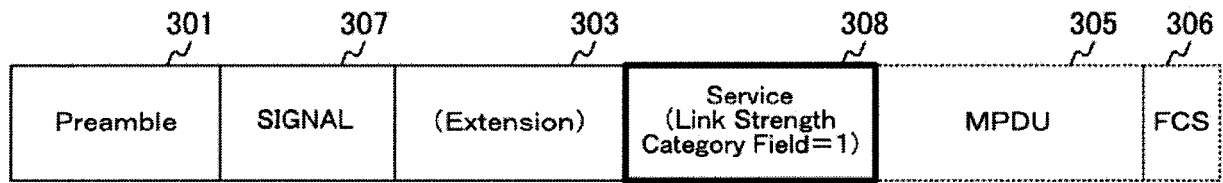
[Fig. 18]



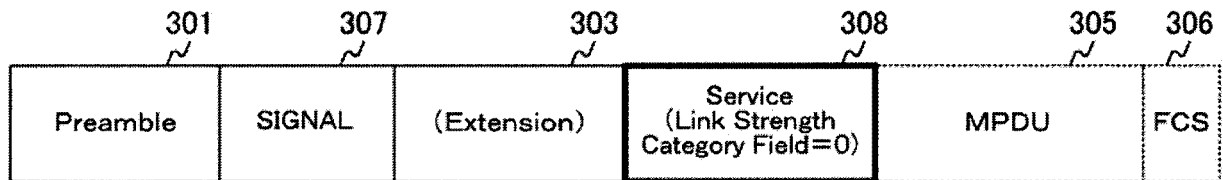
[Fig. 19]



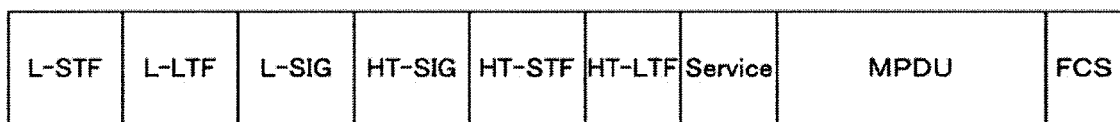
[Fig. 20]

EXAMPLE OF SHORT-DISTANCE PHYSICAL HEADER

a

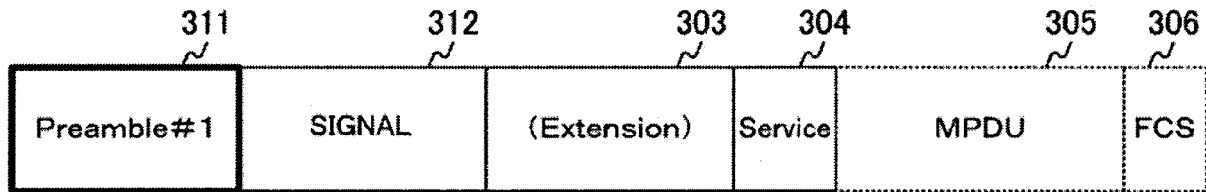
EXAMPLE OF LONG-DISTANCE PHYSICAL HEADER (INCLUDING LEGACY PHYSICAL HEADER)

b

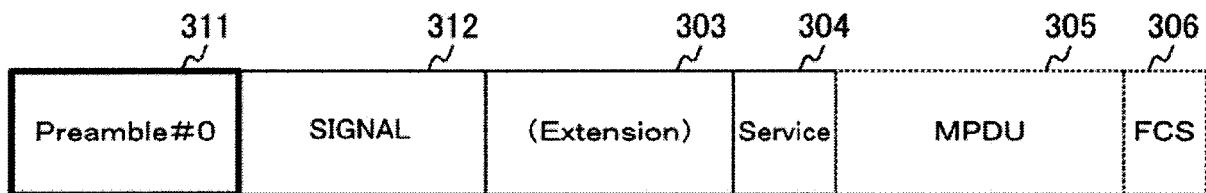


c

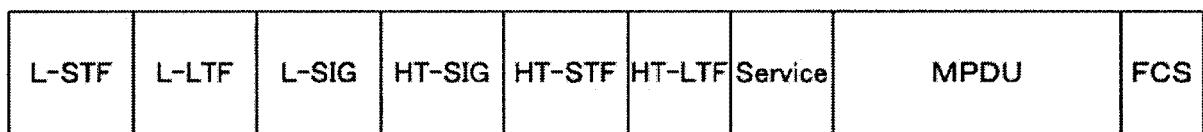
[Fig. 21]

EXAMPLE OF SHORT-DISTANCE PHYSICAL HEADER

a

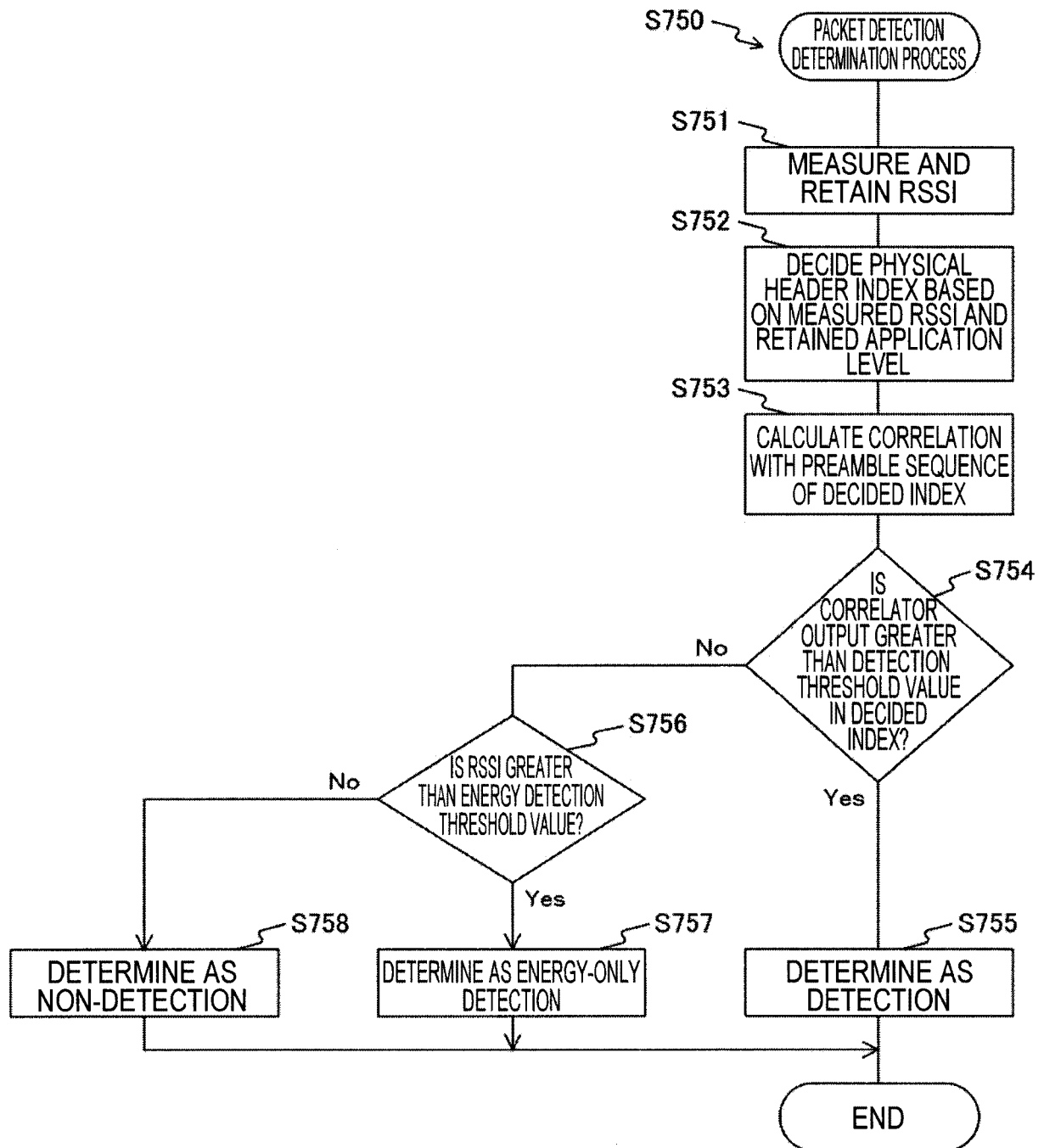
EXAMPLE OF LONG-DISTANCE PHYSICAL HEADER (INCLUDING LEGACY PHYSICAL HEADER)

b

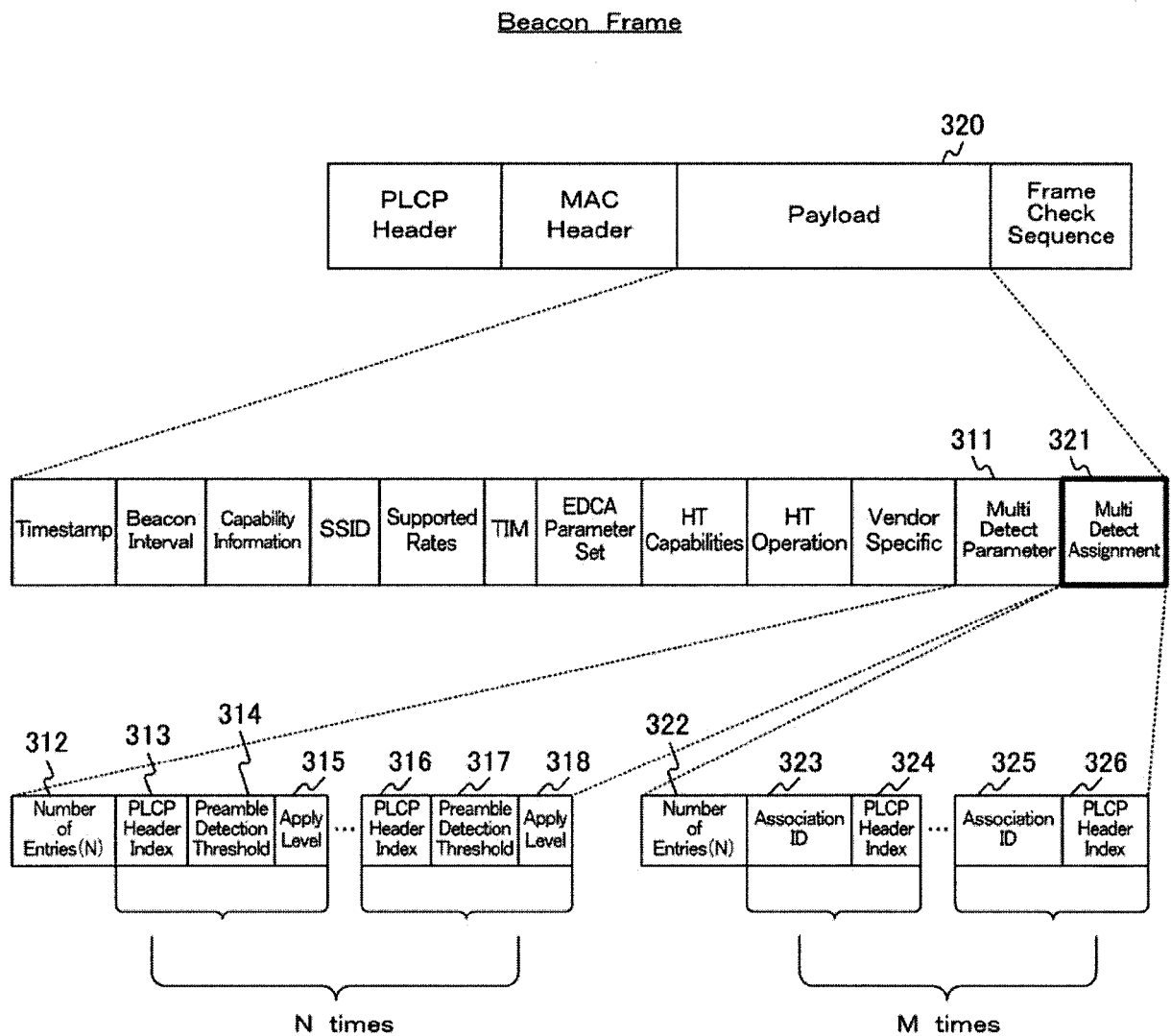


c

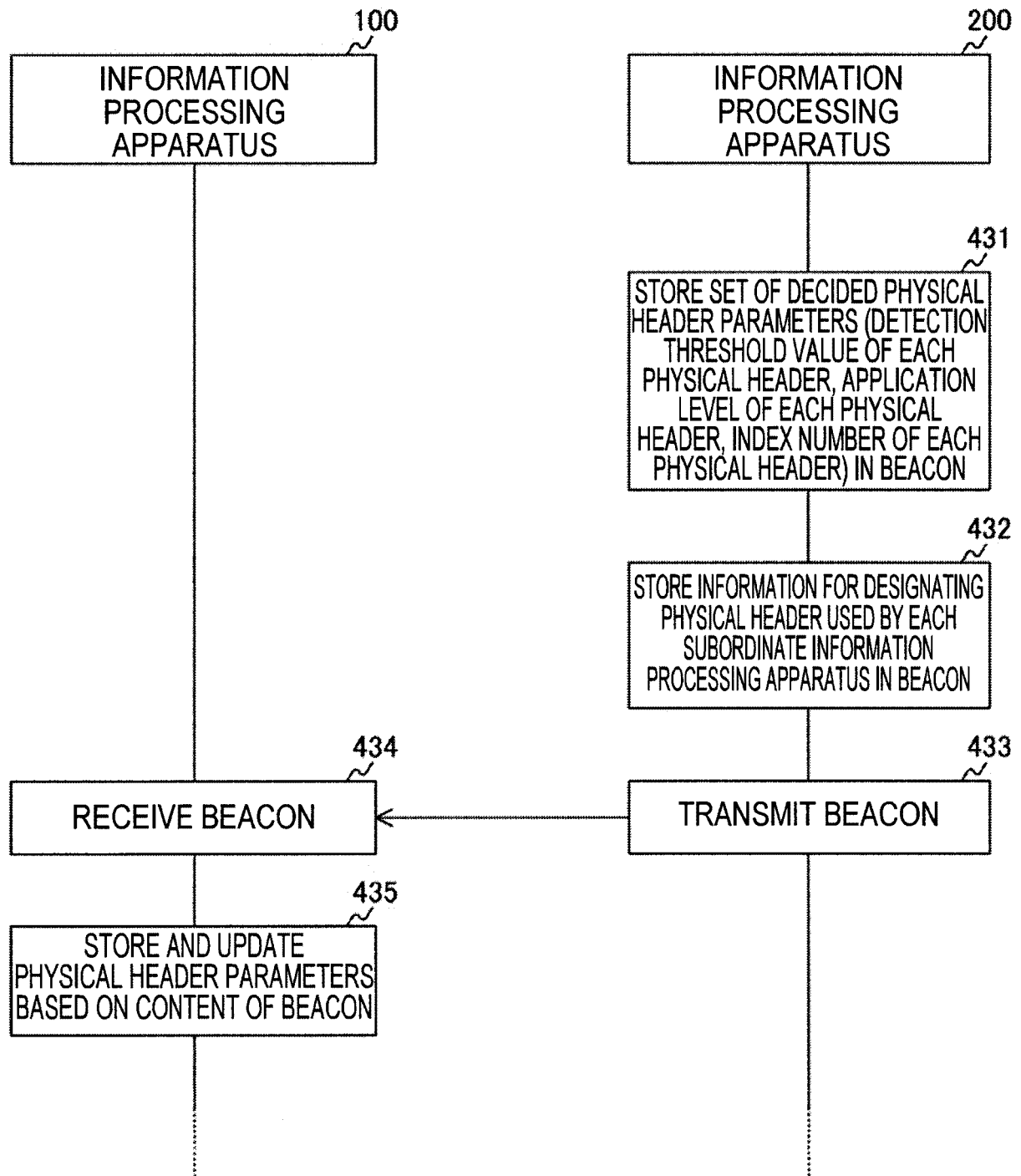
[Fig. 22]



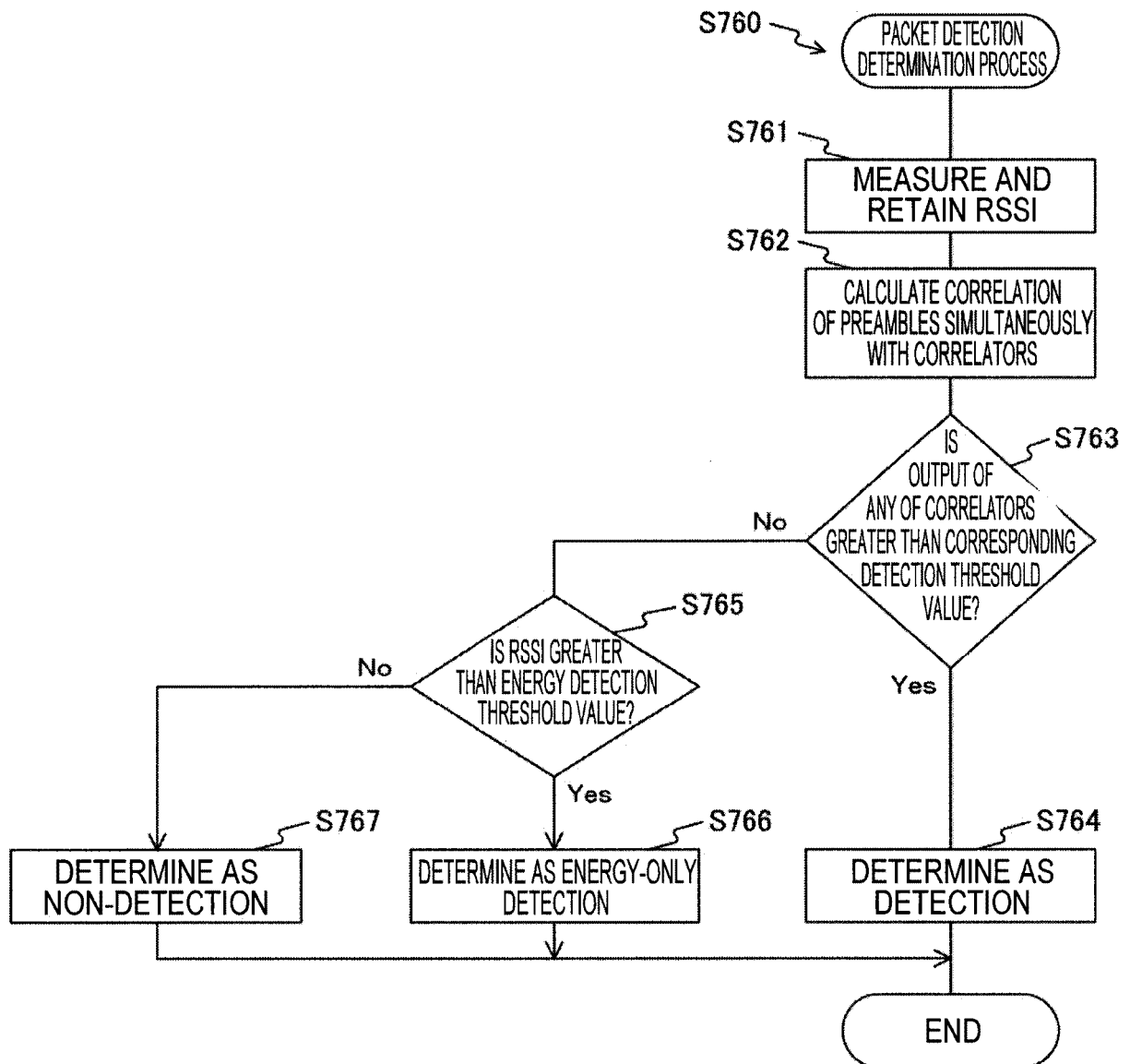
[Fig. 23]



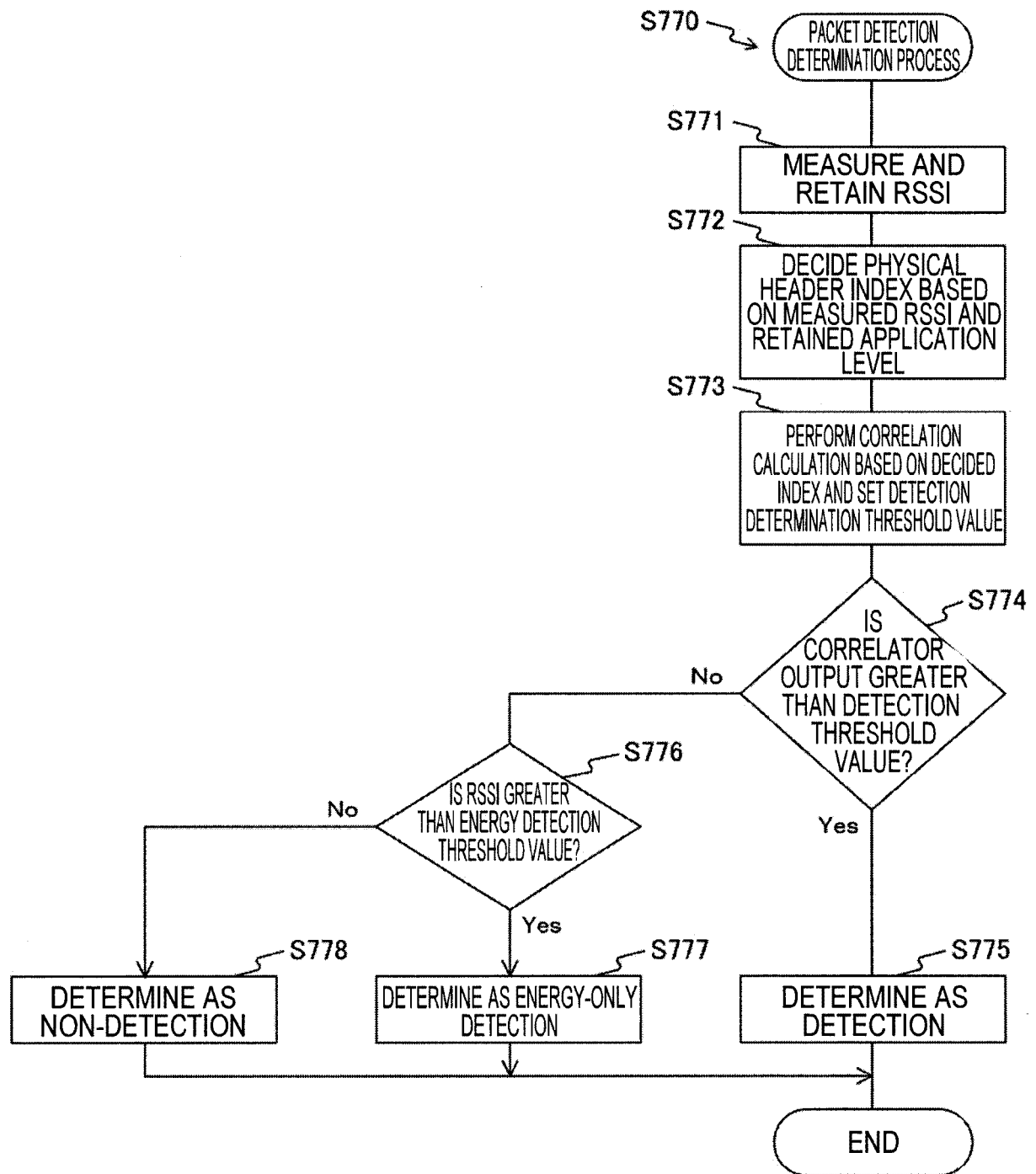
[Fig. 24]



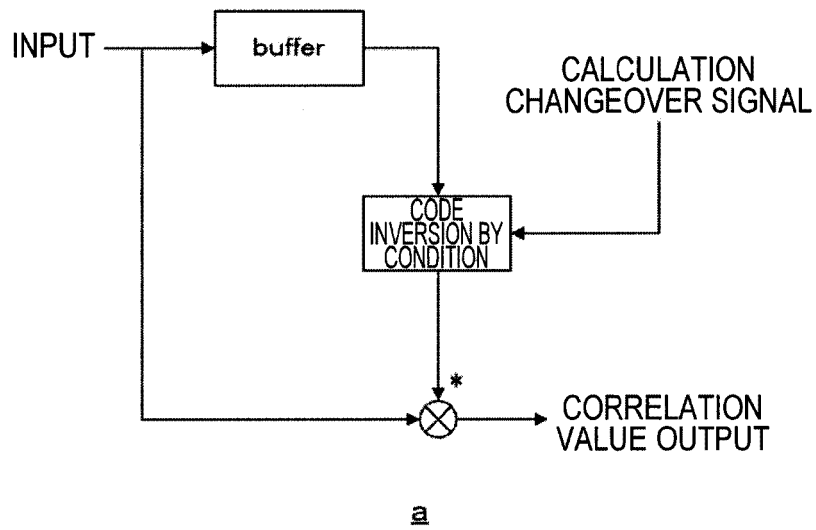
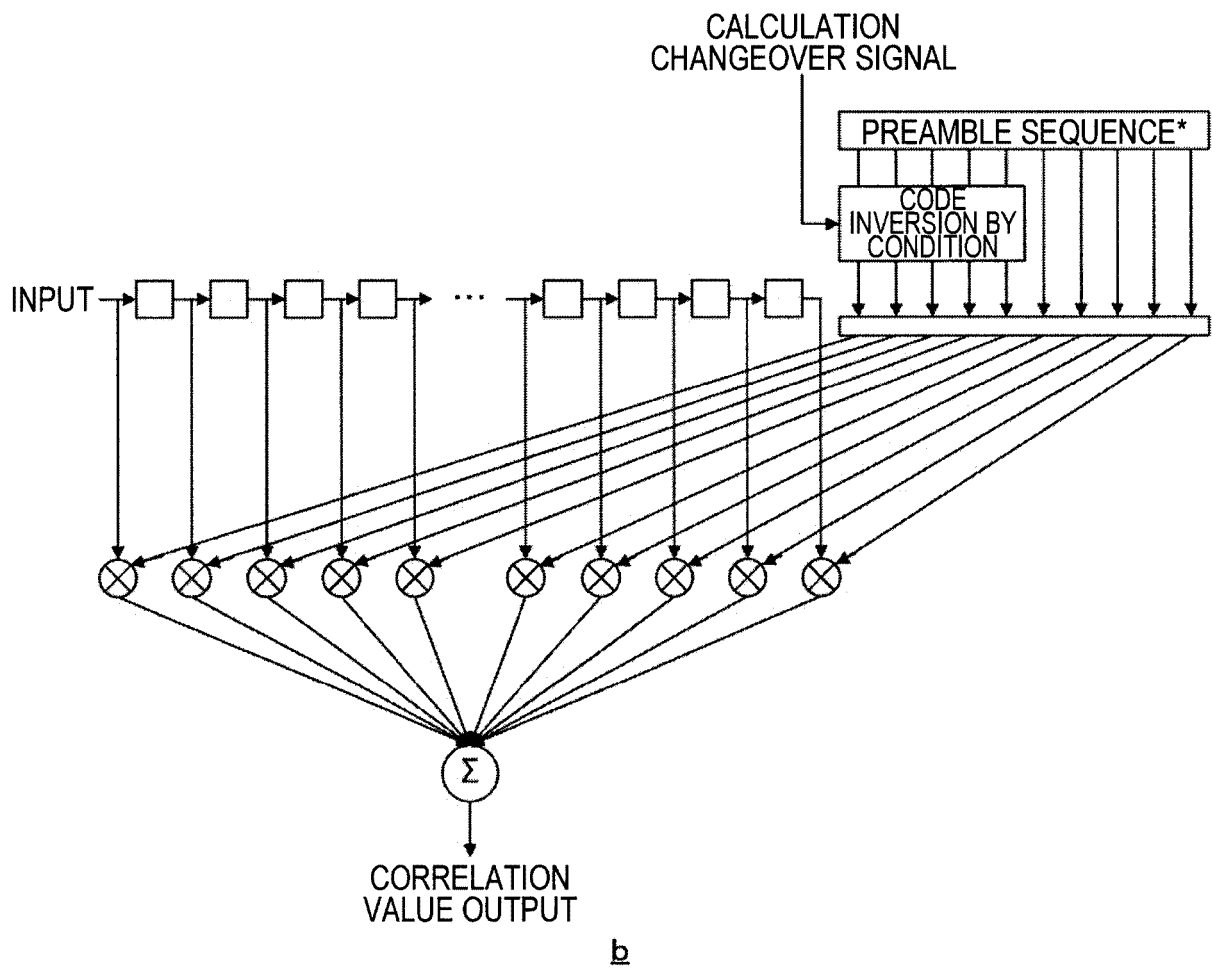
[Fig. 25]



[Fig. 26]

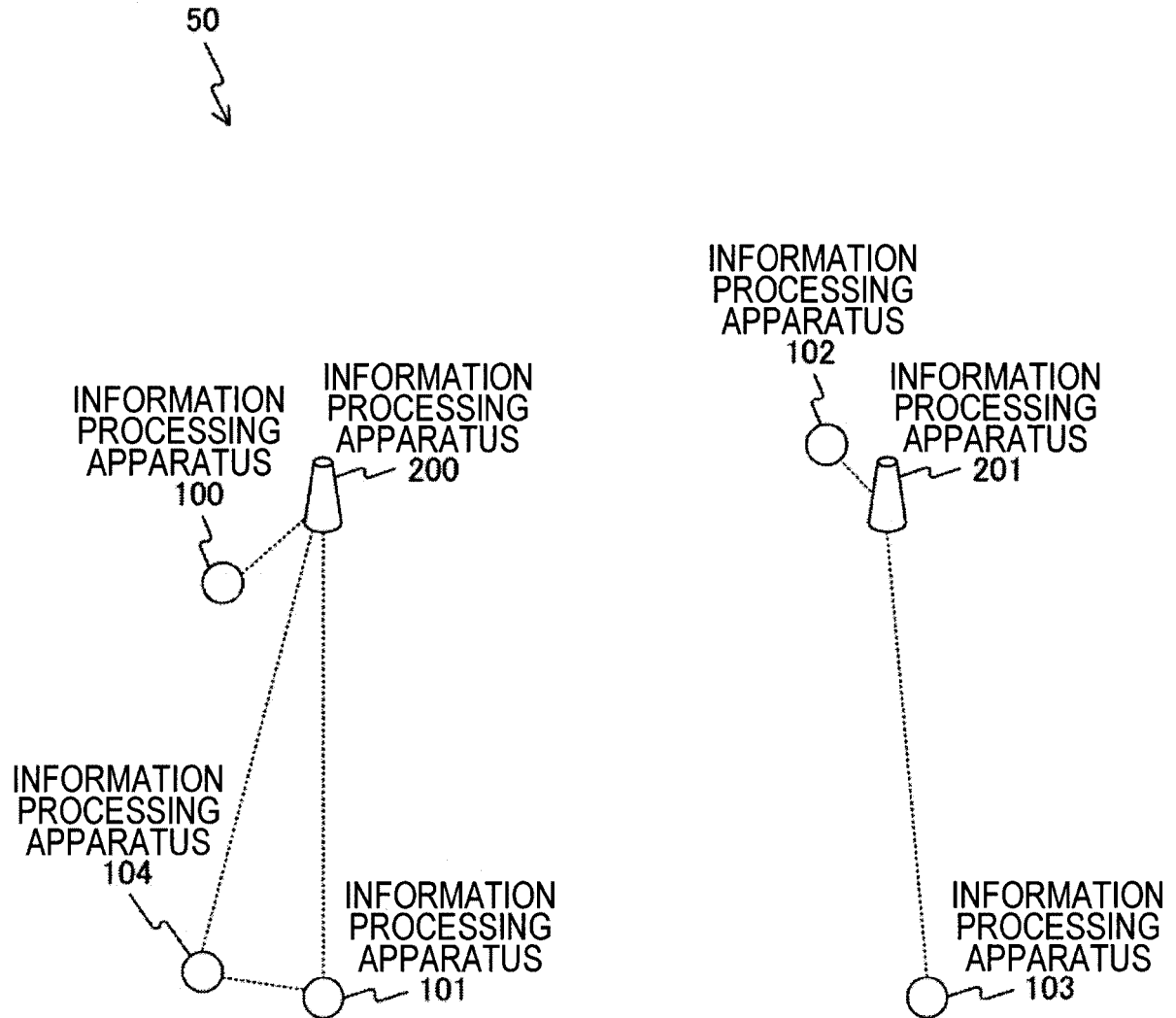


[Fig. 27]

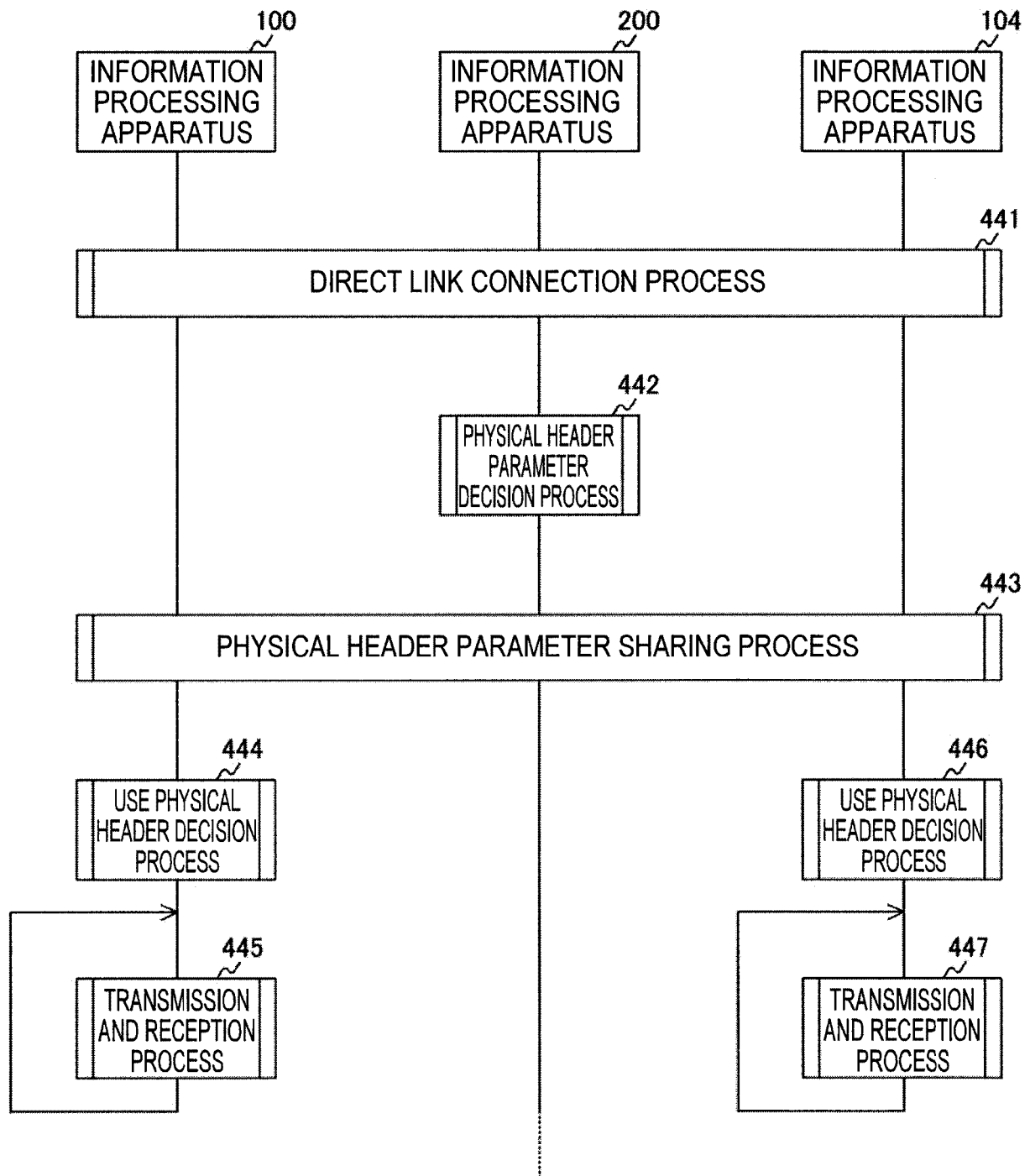
CORRELATOR EXAMPLE (AUTOCORRELATION: PARTIAL PROCESSING WITH SWITCH)CORRELATOR EXAMPLE (CROSS-CORRELATION: PARTIAL PROCESSING)

[Fig. 28]

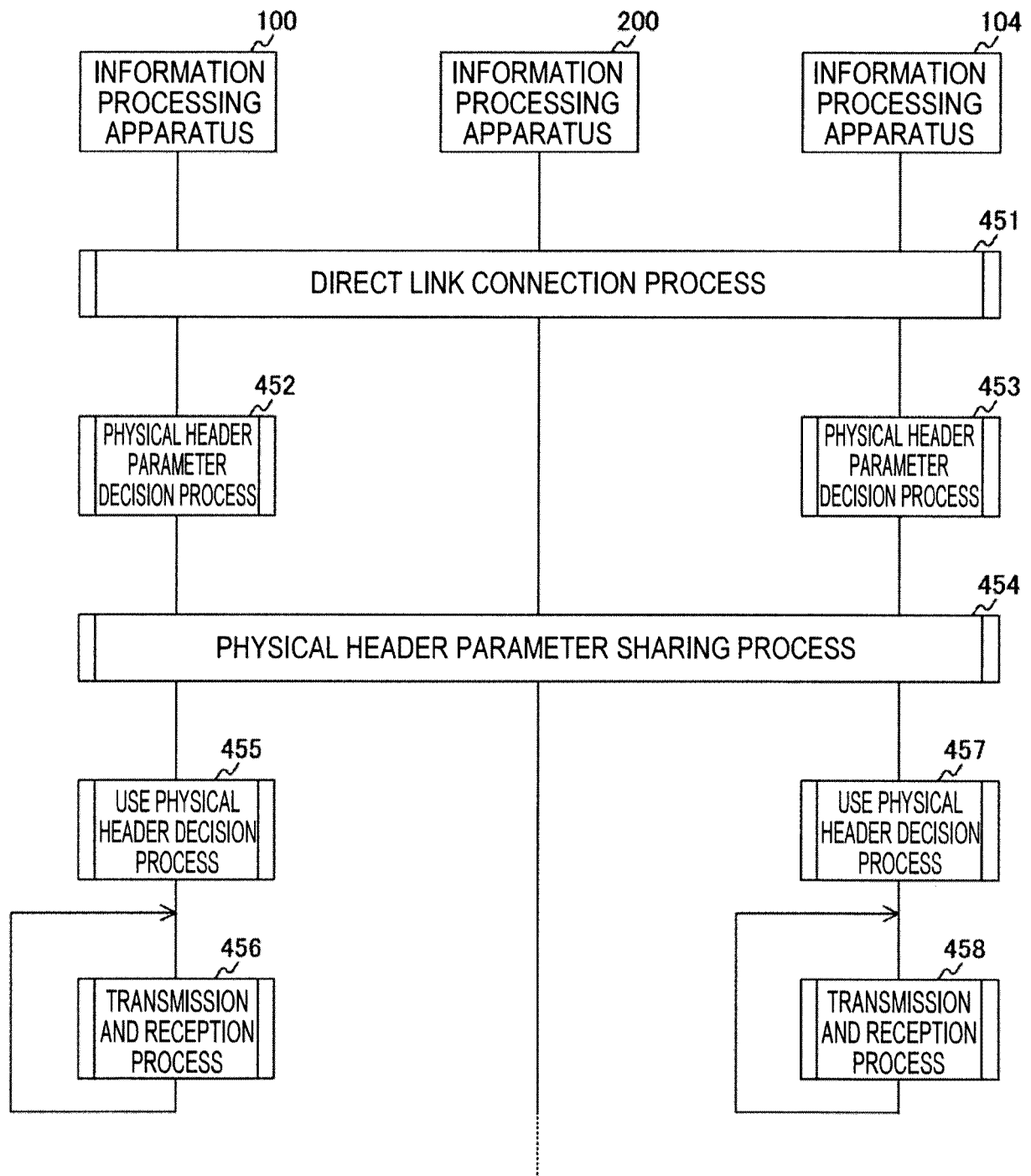
COMMUNICATION SYSTEM



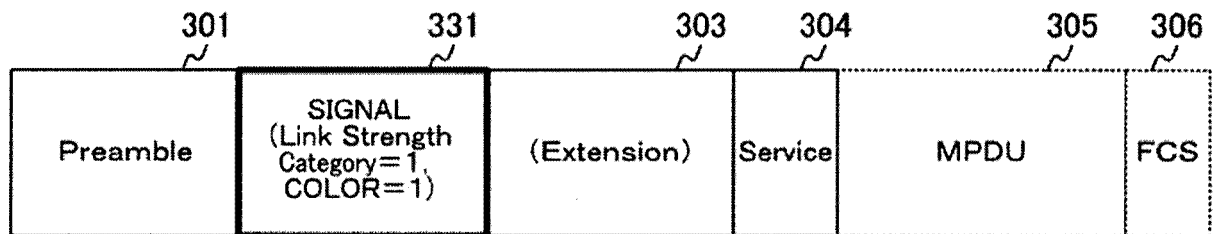
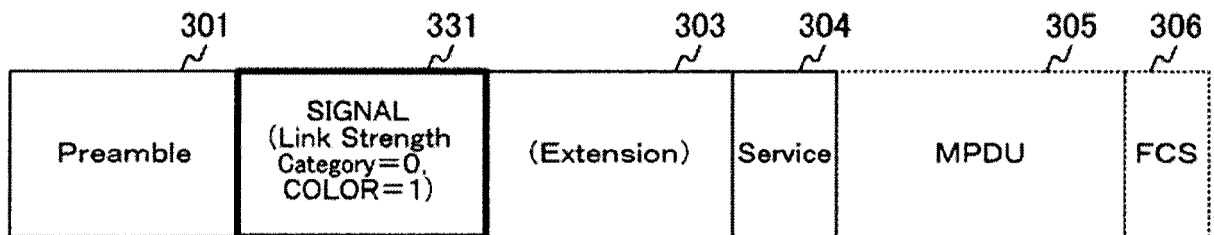
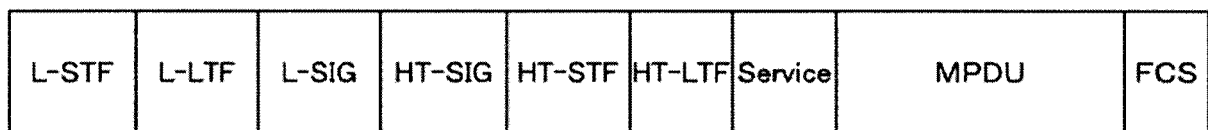
[Fig. 29]



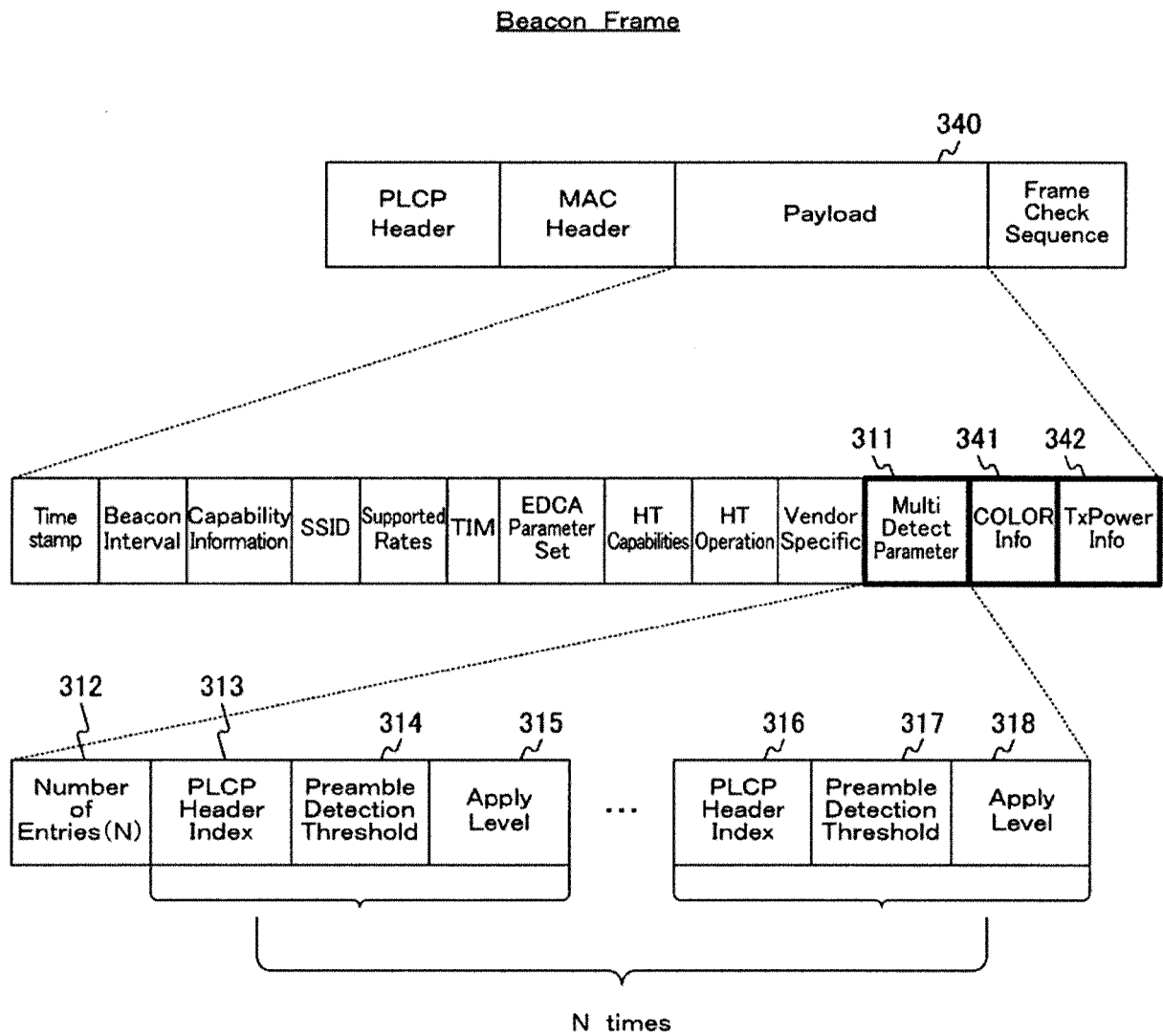
[Fig. 30]



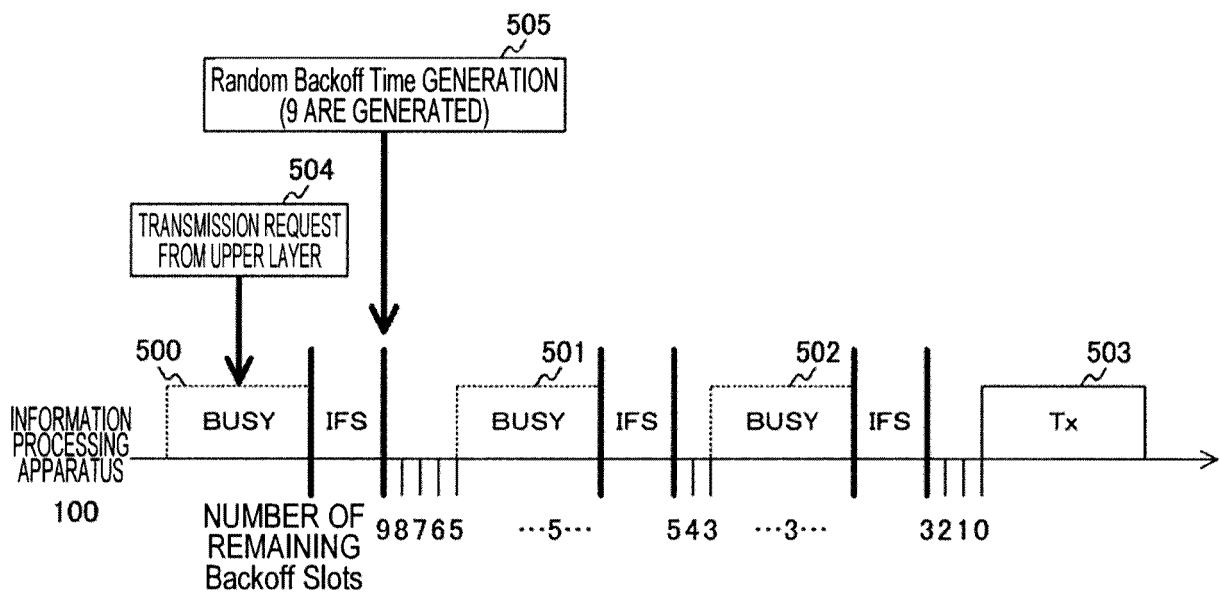
[Fig. 31]

EXAMPLE OF SHORT-DISTANCE PHYSICAL HEADERaEXAMPLE OF LONG-DISTANCE PHYSICAL HEADER (INCLUDING LEGACY PHYSICAL HEADER)bc

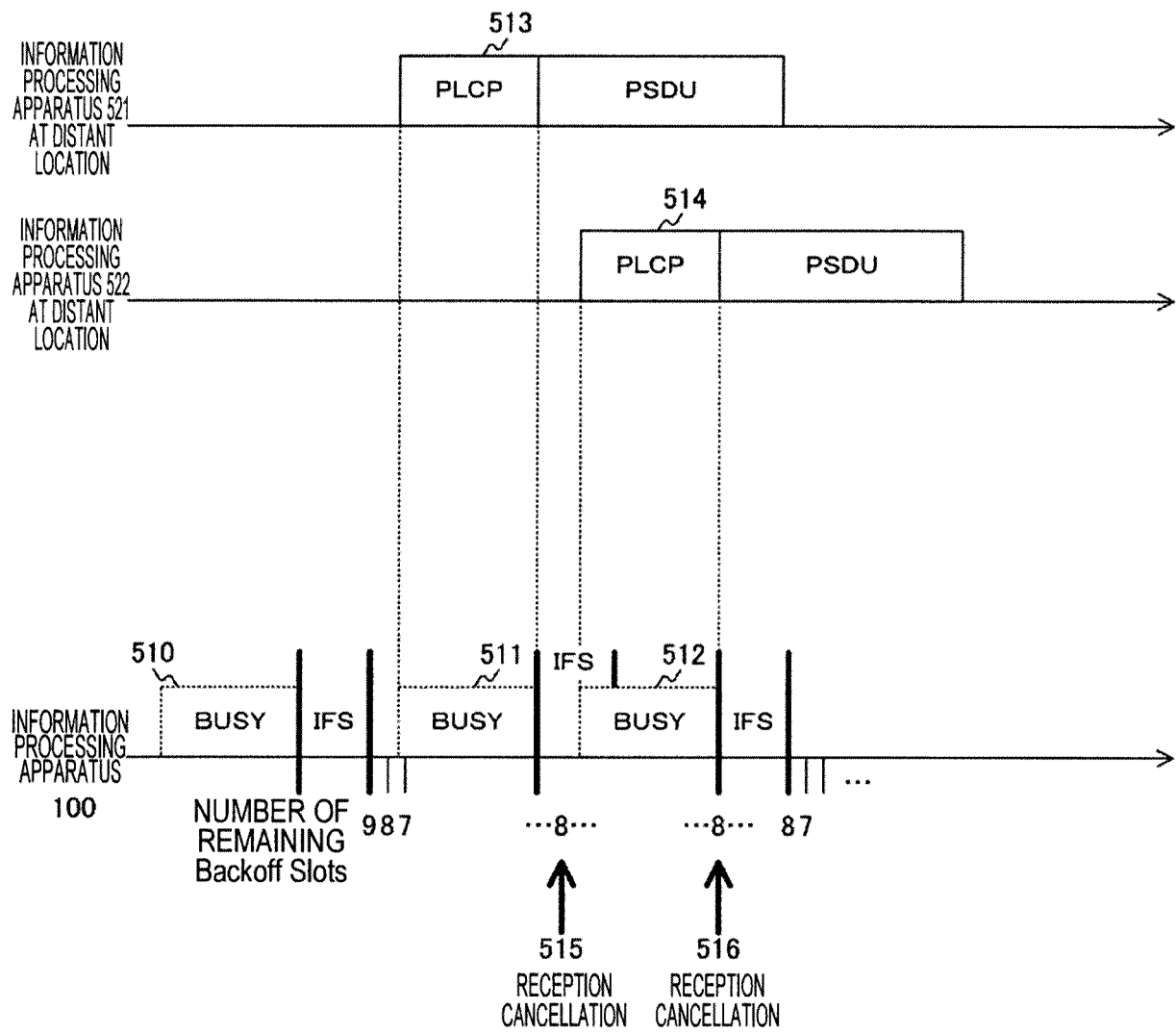
[Fig. 32]



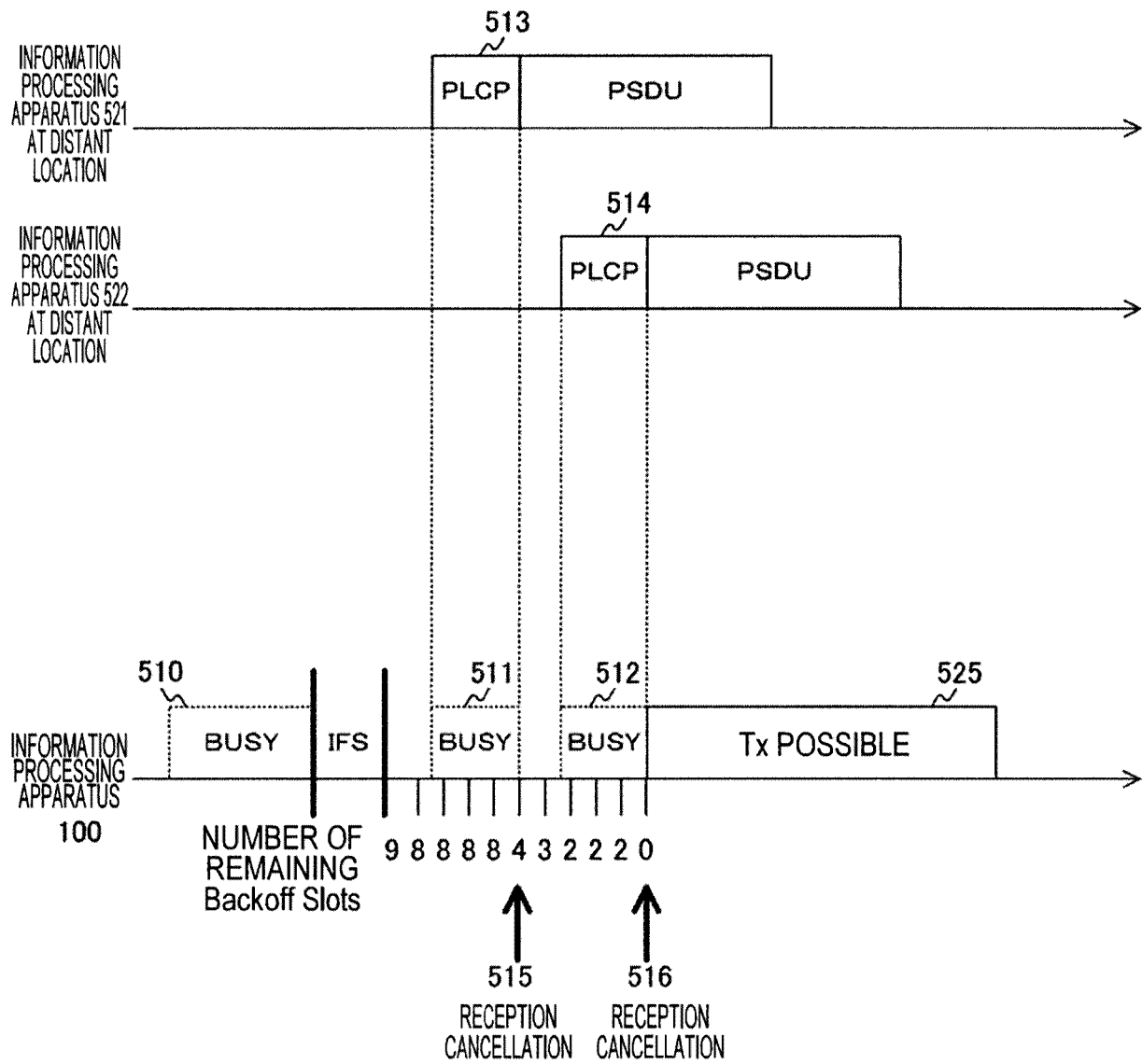
[Fig. 33]



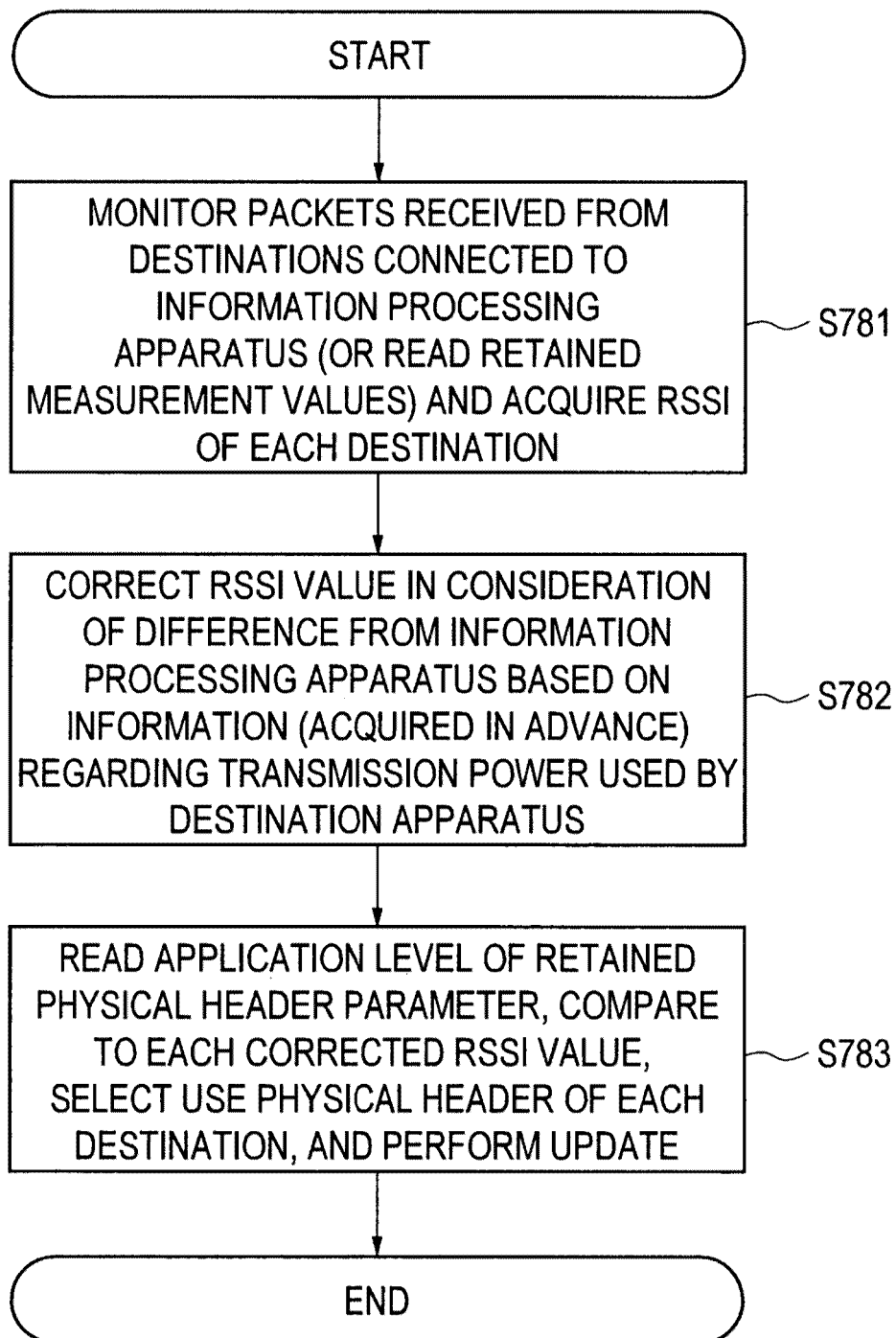
[Fig. 34]



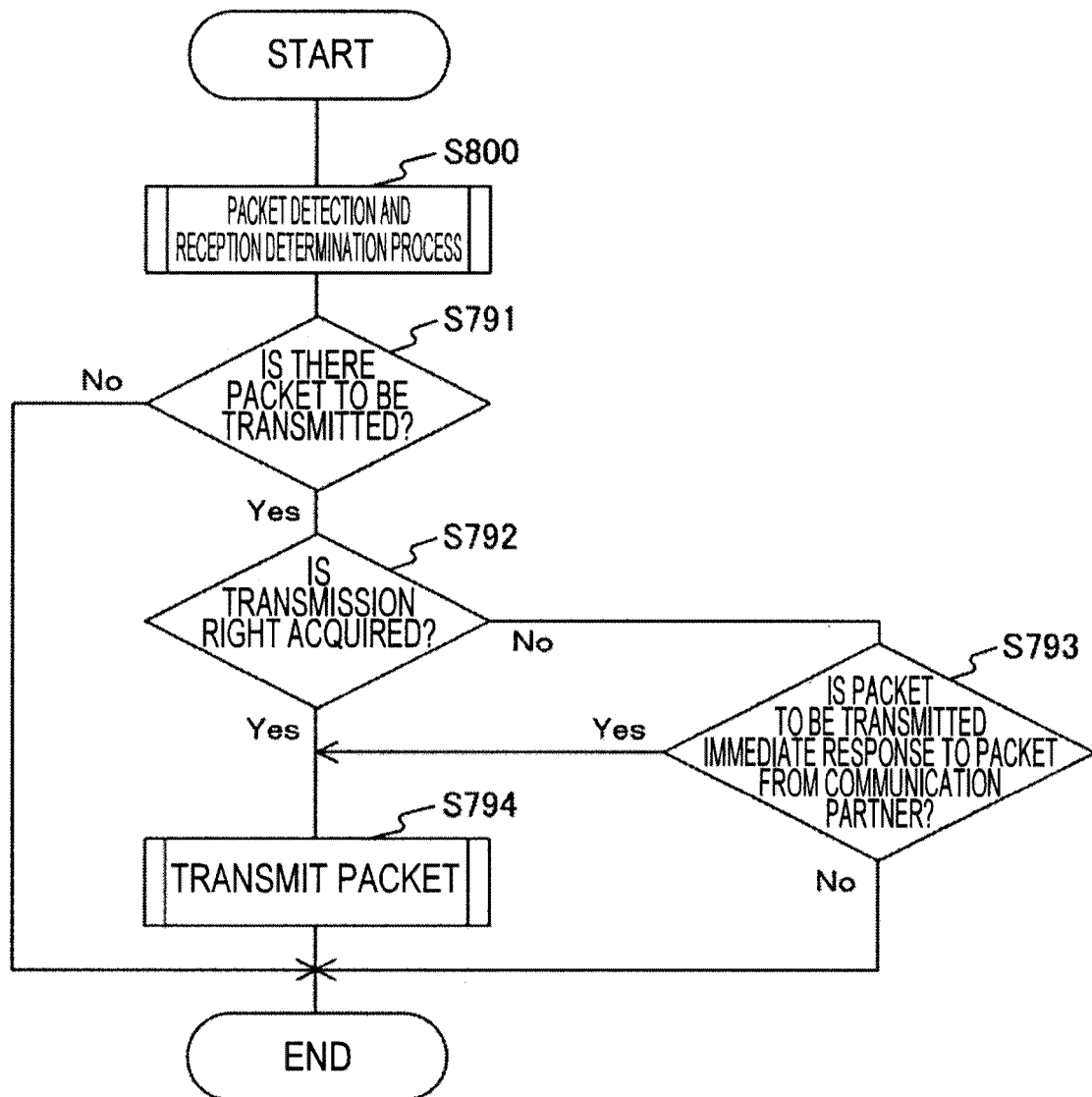
[Fig. 35]



[Fig. 36]



[Fig. 37]

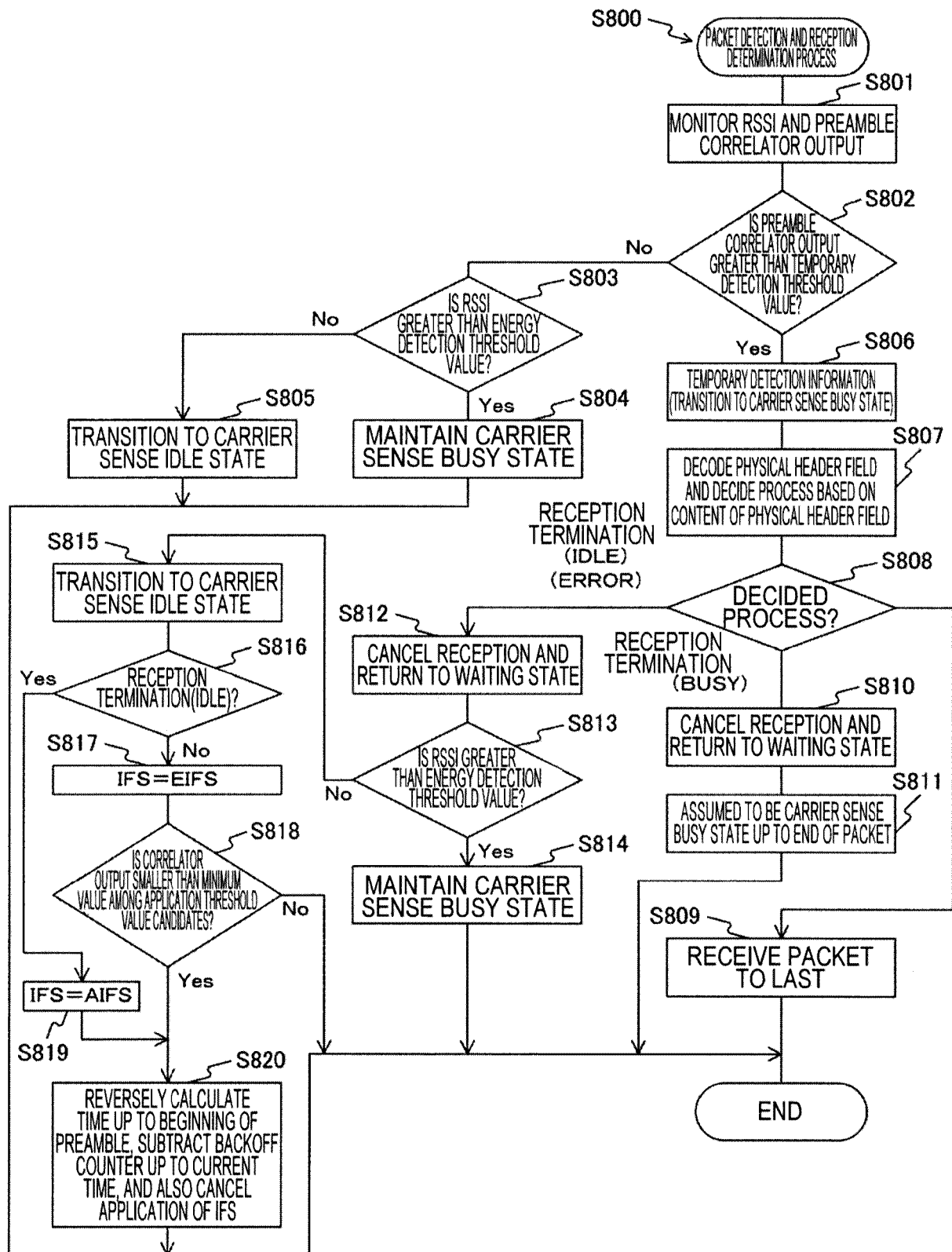


[Fig. 38]

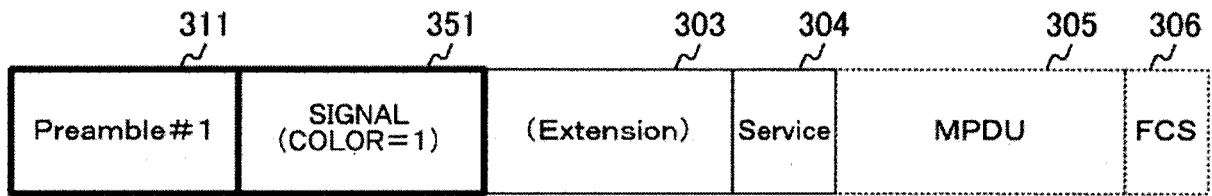
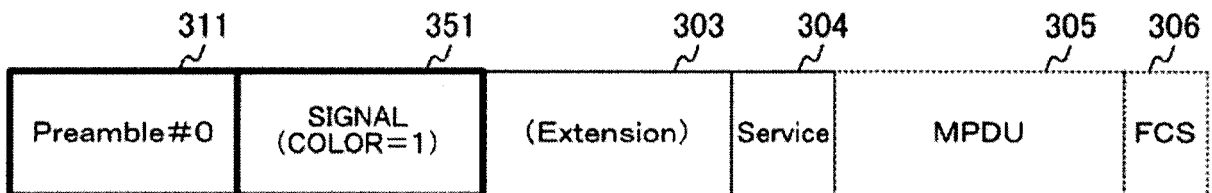
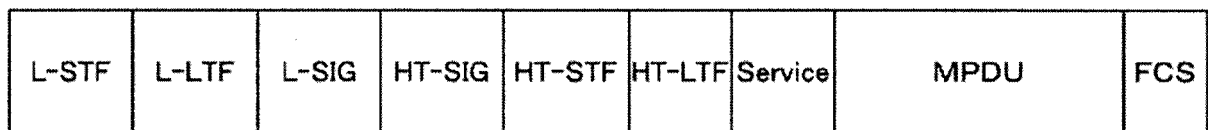
PROCESS CLASSIFICATION TABLE

	NO ERROR IN CRC CALCULATION RESULT OF PHYSICAL HEADER			ERROR IN CRC CALCULATION RESULT OF PHYSICAL HEADER
	COLOR INFORMATION IN PHYSICAL HEADER IS SAME AS ASSOCIATED BSS	COLOR INFORMATION IN PHYSICAL HEADER IS DIFFERENT FROM ASSOCIATED BSS	NO COLOR INFORMATION	
CORRELATOR OUTPUT INTENSITY IS LESS THAN DETECTION THRESHOLD VALUE CORRESPONDING TO Link Strength Category IN PHYSICAL HEADER	RECEPTION	RECEPTION TERMINATION (IDLE)	RECEPTION TERMINATION (IDLE)	RECEPTION TERMINATION (ERROR) ※IFS=EIFS
CORRELATOR OUTPUT INTENSITY IS EQUAL TO OR GREATER THAN DETECTION THRESHOLD VALUE CORRESPONDING TO Link Strength Category IN PHYSICAL HEADER	RECEPTION	RECEPTION TERMINATION (BUSY)	RECEPTION	

[Fig. 39]



[Fig. 40]

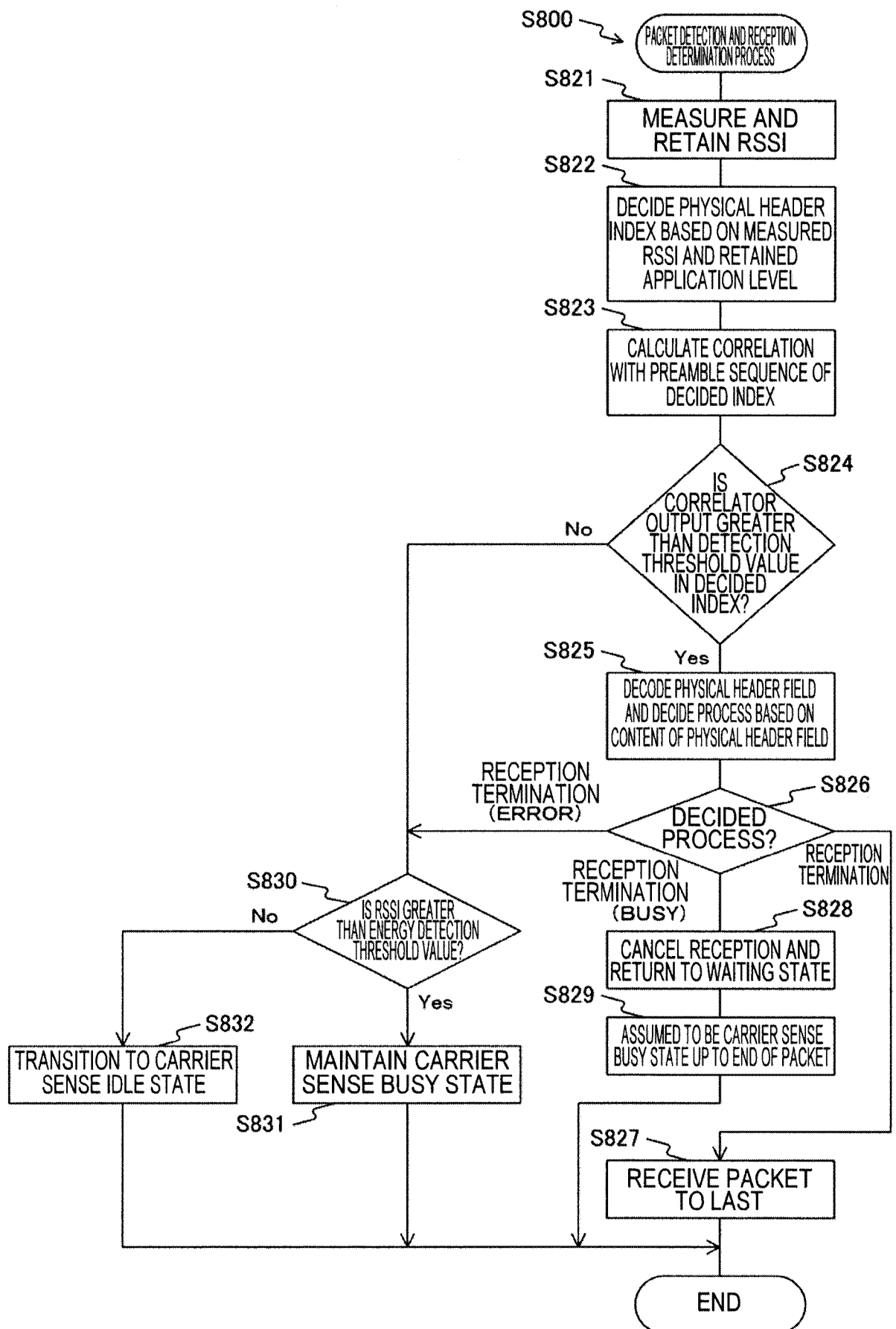
EXAMPLE OF SHORT-DISTANCE PHYSICAL HEADERaEXAMPLE OF LONG-DISTANCE PHYSICAL HEADER (INCLUDING LEGACY PHYSICAL HEADER)bc

[Fig. 41]

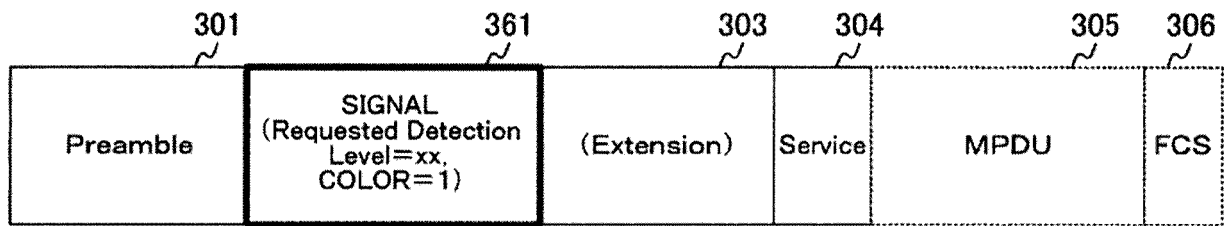
PROCESS CLASSIFICATION TABLE

NO ERROR IN CRC CALCULATION RESULT OF PHYSICAL HEADER			ERROR IN CRC CALCULATION RESULT OF PHYSICAL HEADER
COLOR INFORMATION IN PHYSICAL HEADER IS SAME AS ASSOCIATED BSS	COLOR INFORMATION IN PHYSICAL HEADER IS DIFFERENT FROM ASSOCIATED BSS	NO COLOR INFORMATION	
RECEPTION	RECEPTION TERMINATION (BUSY)	RECEPTION	RECEPTION TERMINATION (ERROR) ※IFS=EIFS

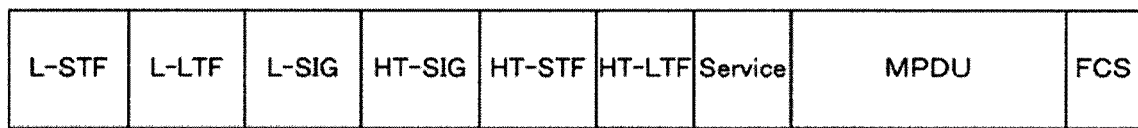
[Fig. 42]



[Fig. 43]

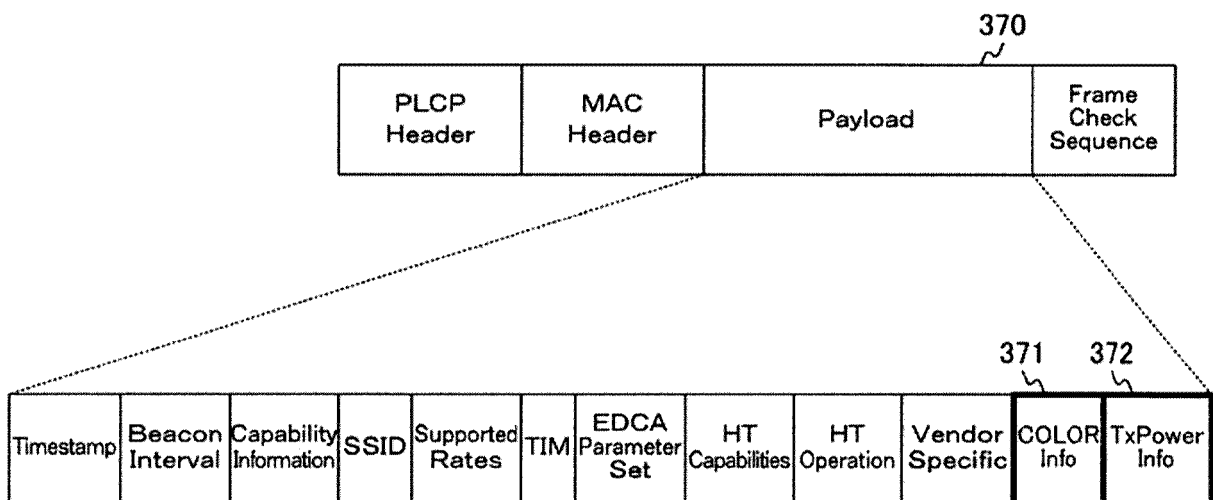


a

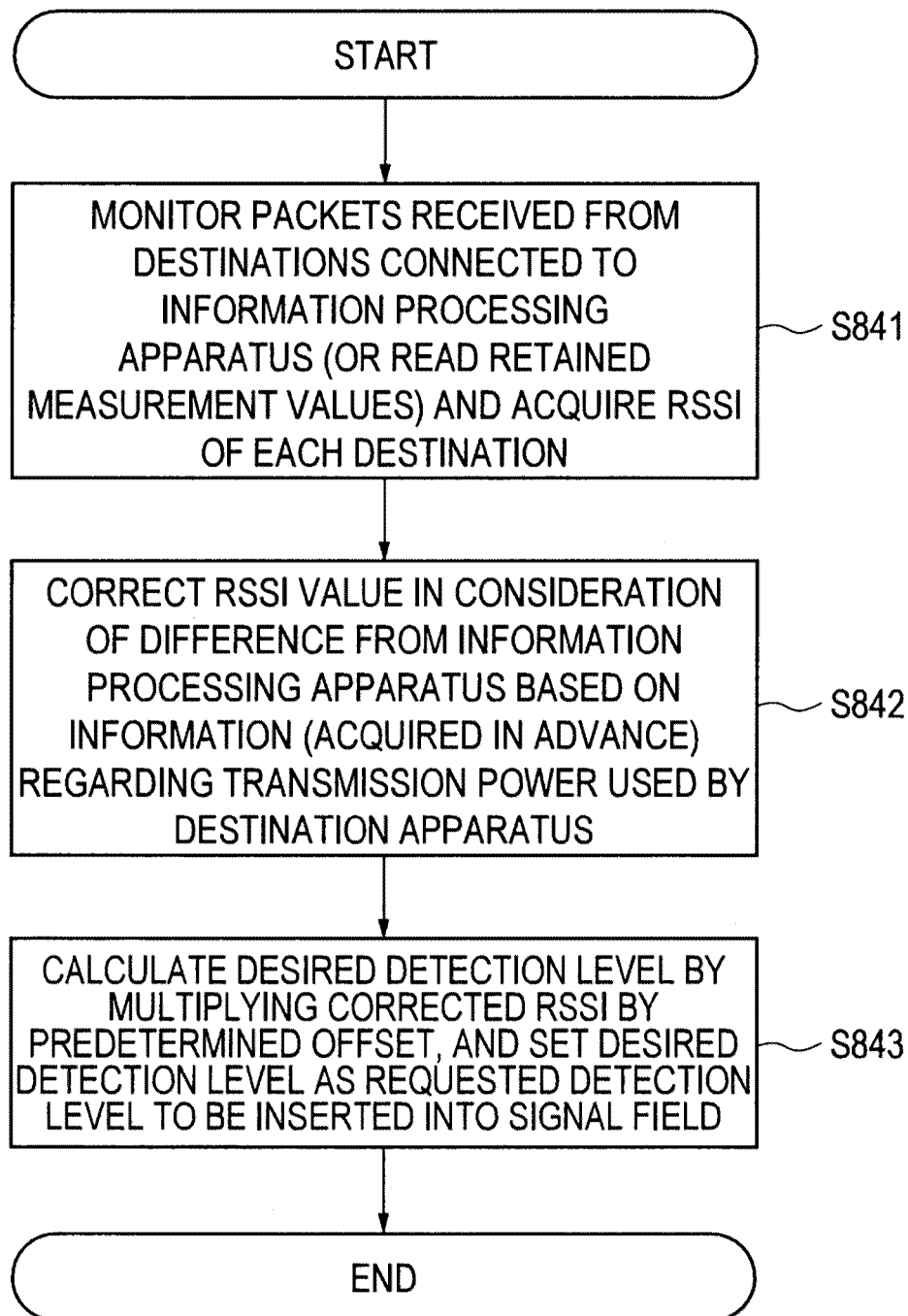


b

[Fig. 44]

Beacon Frame

[Fig. 45]

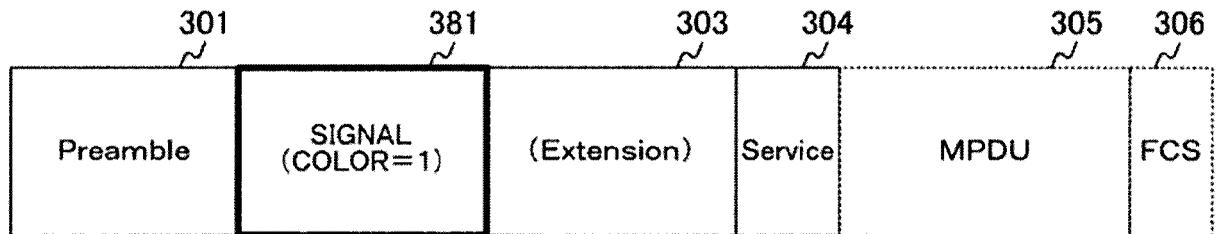
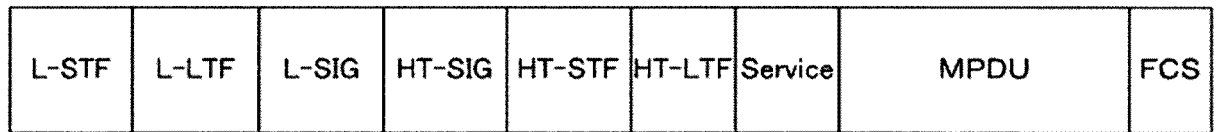


[Fig. 46]

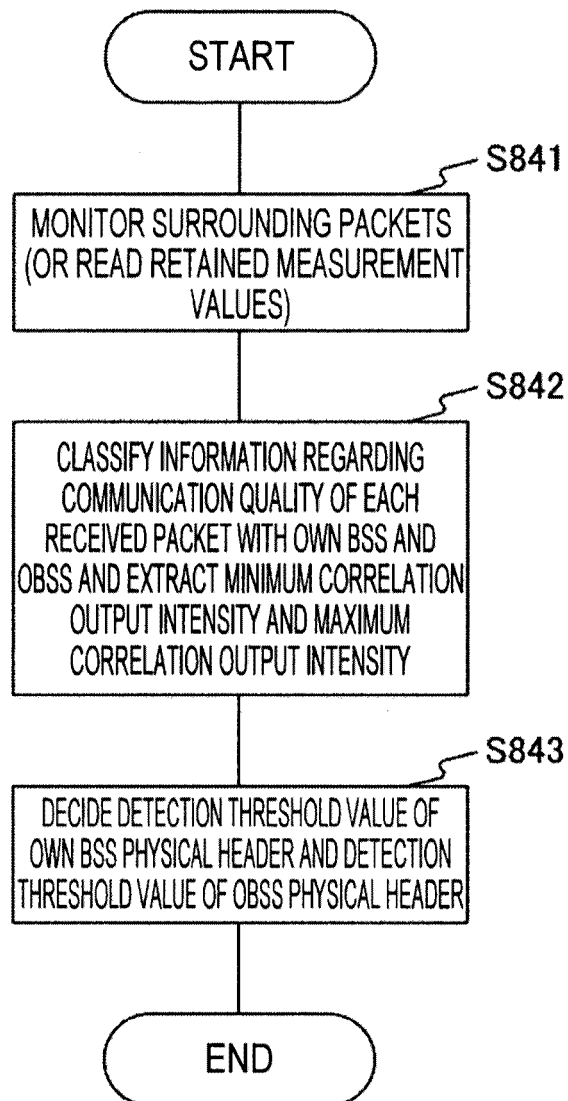
PROCESS CLASSIFICATION TABLE

	NO ERROR IN CRC CALCULATION RESULT OF PHYSICAL HEADER			ERROR IN CRC CALCULATION RESULT OF PHYSICAL HEADER
	COLOR INFORMATION IN PHYSICAL HEADER IS SAME AS ASSOCIATED BSS	COLOR INFORMATION IN PHYSICAL HEADER IS DIFFERENT FROM ASSOCIATED BSS	NO COLOR INFORMATION	
CORRELATOR OUTPUT INTENSITY IS LESS THAN Requested Detection Level IN PHYSICAL HEADER	RECEPTION	RECEPTION TERMINATION (IDLE)	RECEPTION TERMINATION (IDLE)	RECEPTION TERMINATION (ERROR) ※IFS=EIFS
CORRELATOR OUTPUT INTENSITY IS EQUAL TO OR GREATER THAN Requested Detection Level IN PHYSICAL HEADER	RECEPTION	RECEPTION TERMINATION (BUSY)	RECEPTION	

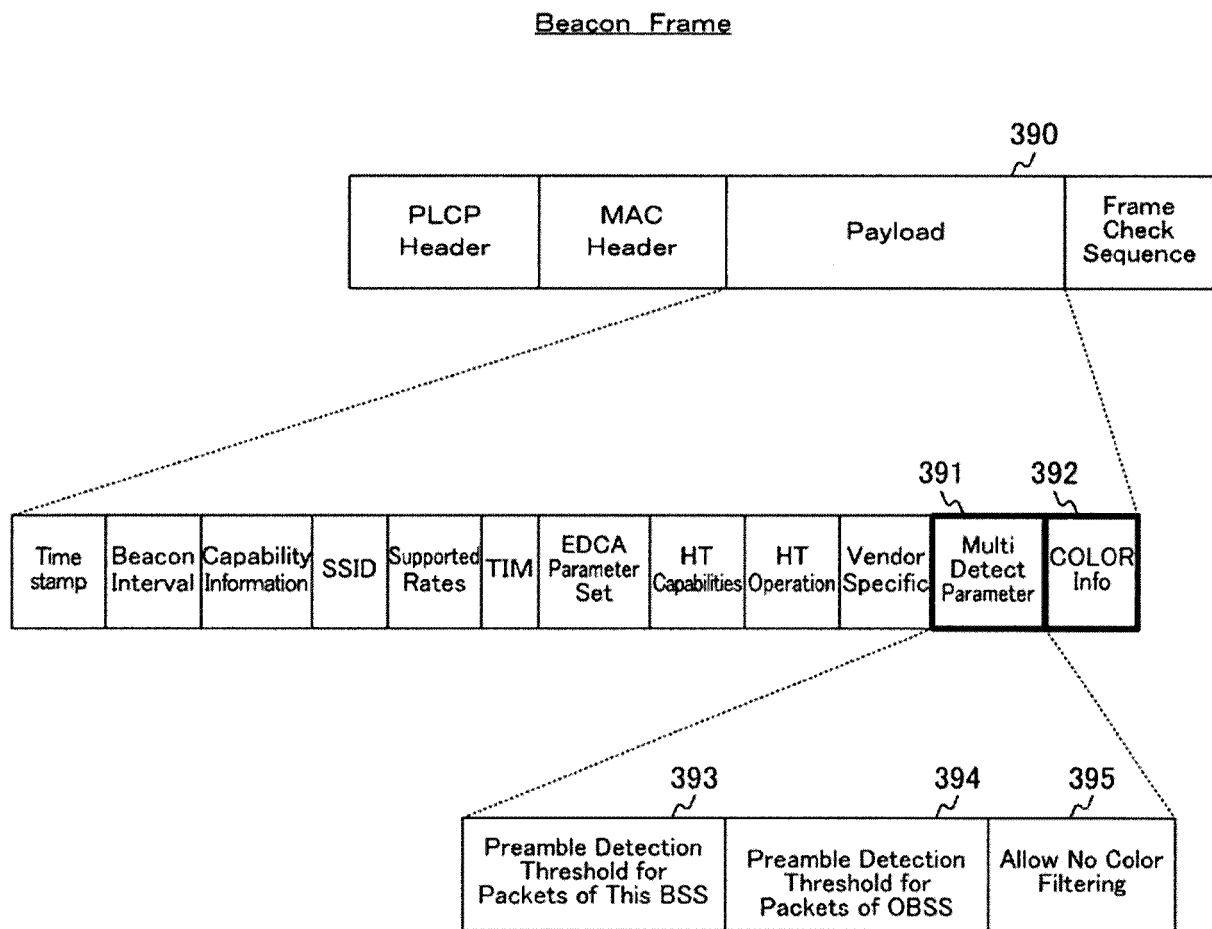
[Fig. 47]

EXAMPLE OF PHYSICAL HEADER ACCORDING TO TWELFTH EMBODIMENTab

[Fig. 48]



[Fig. 49]

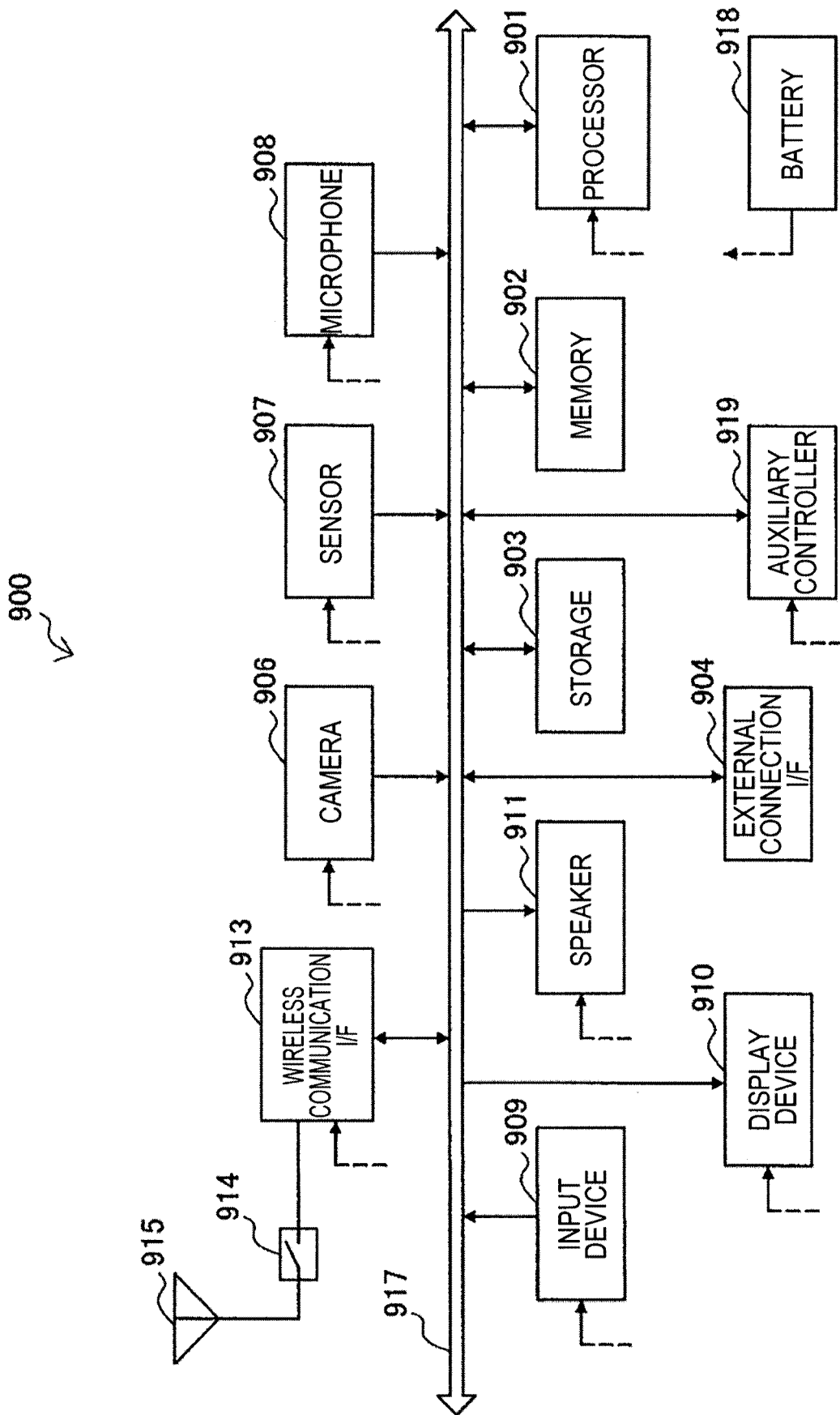


[Fig. 50]

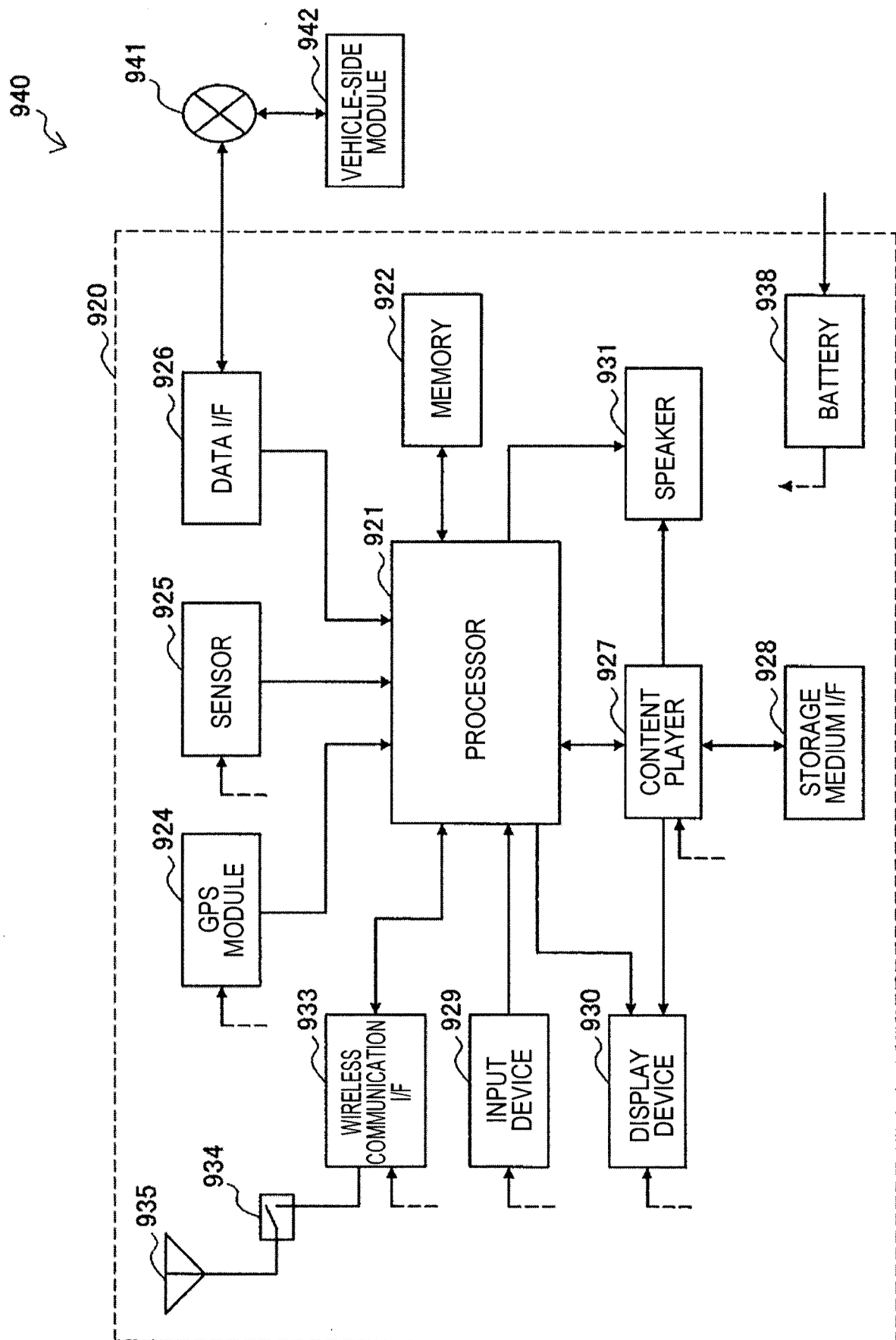
PROCESS CLASSIFICATION TABLE

	NO ERROR IN CRC CALCULATION RESULT OF PHYSICAL HEADER			ERROR IN CRC CALCULATION RESULT OF PHYSICAL HEADER
	COLOR INFORMATION IN PHYSICAL HEADER IS SAME AS ASSOCIATED BSS	COLOR INFORMATION IN PHYSICAL HEADER IS DIFFERENT FROM ASSOCIATED BSS	NO COLOR INFORMATION	
CORRELATOR OUTPUT INTENSITY IS LOW WITH REFERENCE TO DETECTION THRESHOLD VALUE CORRESPONDING TO OBSS PACKET	RECEPTION	RECEPTION TERMINATION (IDLE)	RECEIVED ONLY IN OTHER CASES OF RECEPTION TERMINATION (IDLE) WHEN RECEPTION TERMINATION IS PERMITTED INSIDE BBS	RECEPTION TERMINATION (ERROR) ※IFS=EIFS
CORRELATOR OUTPUT INTENSITY IS HIGH WITH REFERENCE TO DETECTION THRESHOLD VALUE CORRESPONDING TO OBSS PACKET	RECEPTION	RECEPTION TERMINATION (BUSY)	RECEIVED ONLY IN OTHER CASES OF RECEPTION TERMINATION (BUSY) WHEN RECEPTION TERMINATION IS PERMITTED INSIDE BBS	

[Fig. 51]



[Fig. 52]



[Fig. 53]

