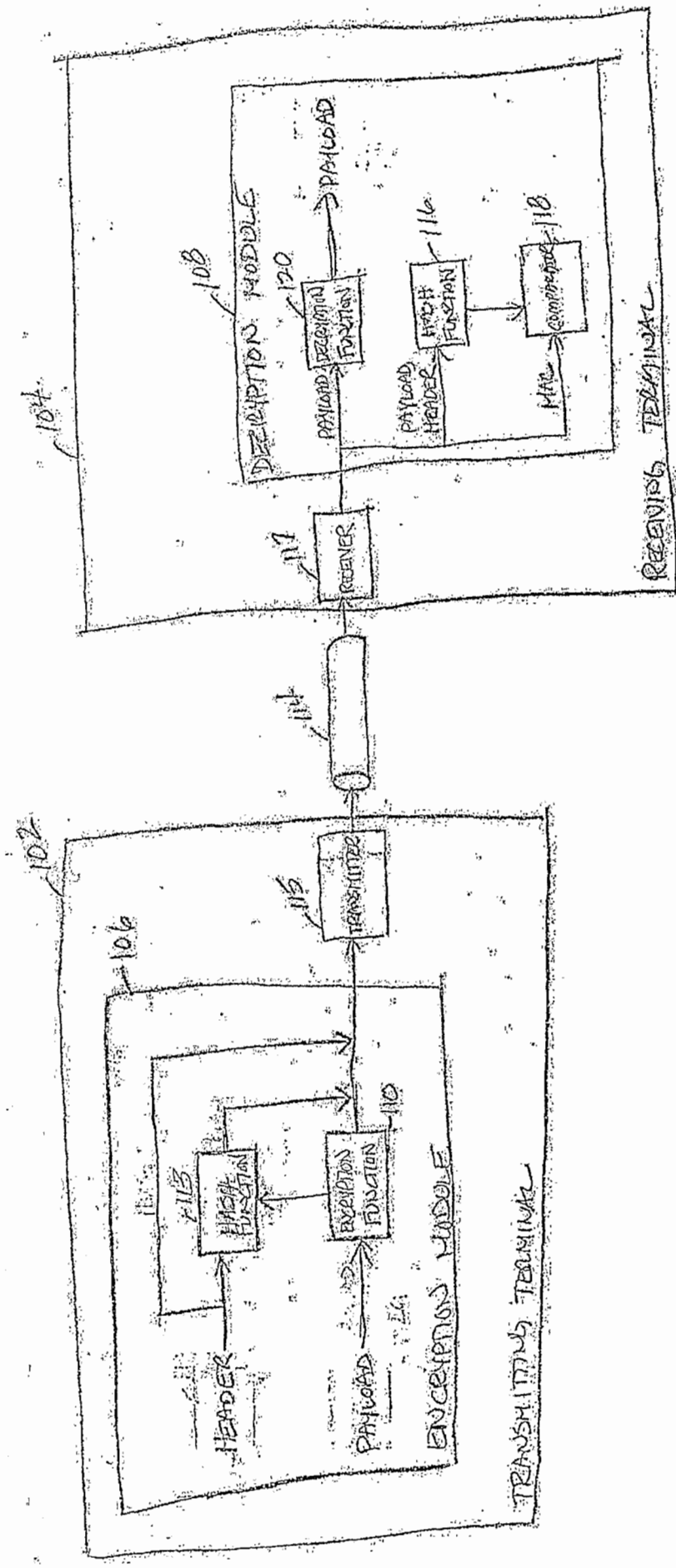

TRANSMITTING TERMINAL
102
ENCRYPTION MODULE
106
HEADER
PAYLOAD
HASH FUNCTION
116
ENCRYPTION FUNCTION
110
TRANSMITTER
118
114
RECEIVING TERMINAL
104
DECRYPTION MODULE
108
RECEIVER
117
PAYLOAD DECRYPTION FUNCTION
120
PAYLOAD HEADER
HASH FUNCTION
116
MAC
COMPARATOR
118
PAYLOAD

FIG. 1

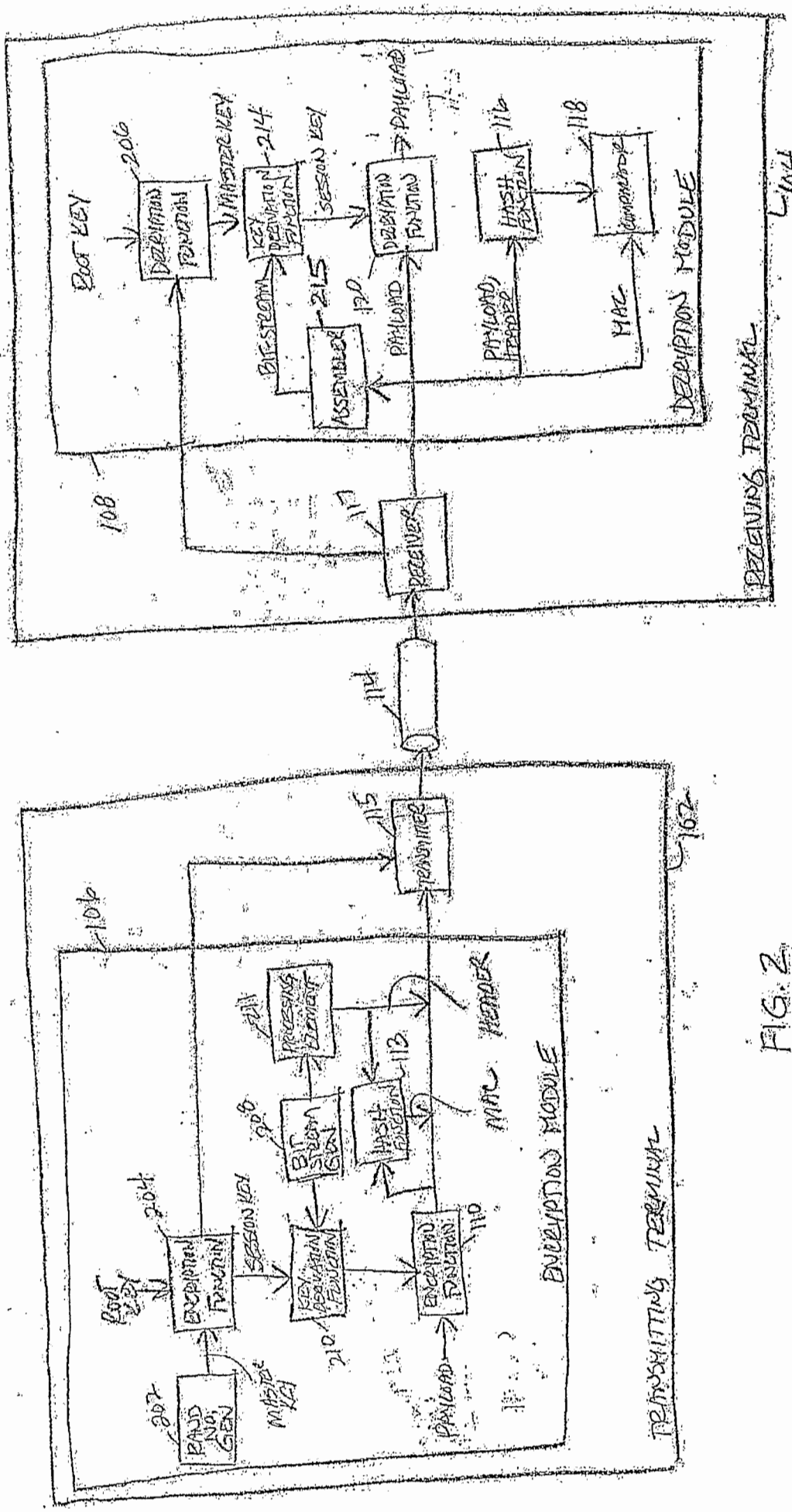

RECEIVING TERMINAL
DECRYPTION MODULE
DECRYPTION FUNCTION
KEY DERIVATION FUNCTION
DERIVATION FUNCTION
HASH FUNCTION
COMPARATOR
ASSEMBLER
BIT-STREAM
PAYLOAD
PAYLOAD HEADER
MAC
SESSION KEY
MASTER KEY
DOOR KEY
RECEIVER
TRANSMITTING TERMINAL
ENCRYPTION MODULE
ENCRYPTION FUNCTION
KEY DERIVATION FUNCTION
BIT STREAM GEN
HASH FUNCTION
PROCESSING ELEMENT
MAC
NONCE
RAND NO. GEN
TRANSMITTER
102
104
106
108
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112
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114
115
116
117
118
120
202
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206
210
211
212
214
215

FIG. 2

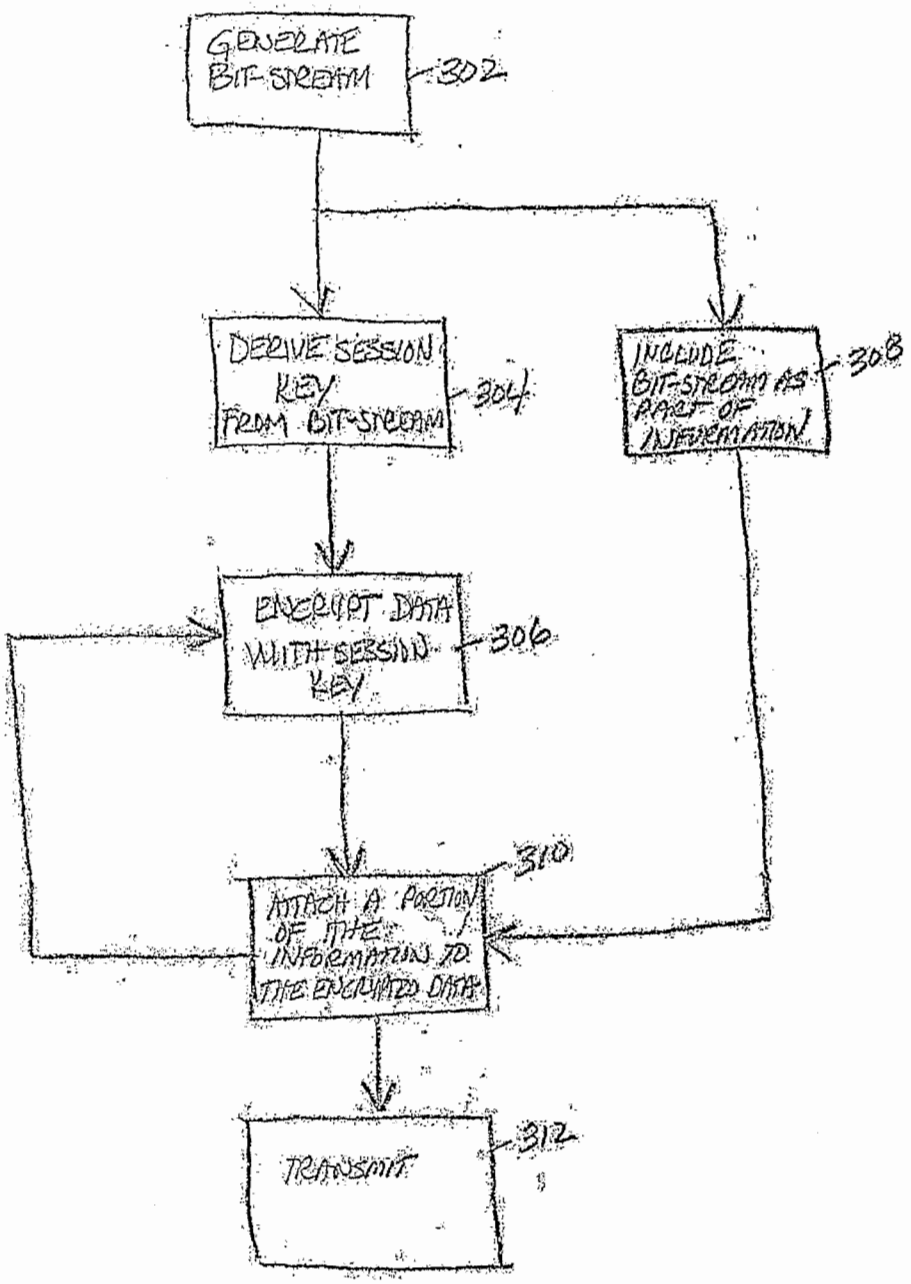

GENERATE BIT-STREAM
302
DERIVE SESSION KEY FROM BIT-STREAM
304
INCLUDE BIT-STREAM AS PART OF INFORMATION
308
ENCRYPT DATA WITH SESSION KEY
306
ATTACH A PORTION OF THE INFORMATION TO THE ENCRYPTED DATA
310
TRANSMIT
312

FIG. 3

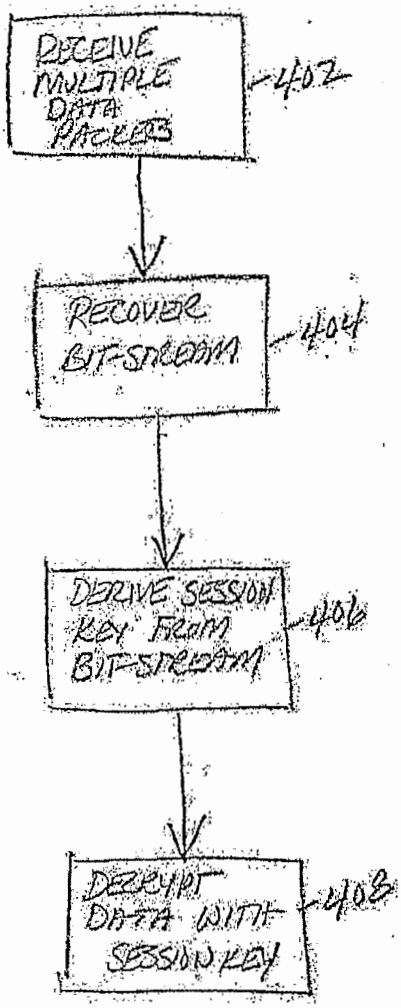

RECEIVE MULTIPLE DATA PACKETS
402
RECOVER BIT-STREAM
404
DERIVE SESSION KEY FROM BIT-STREAM
406
DECRYPT DATA WITH SESSION KEY
408

FIG. 4

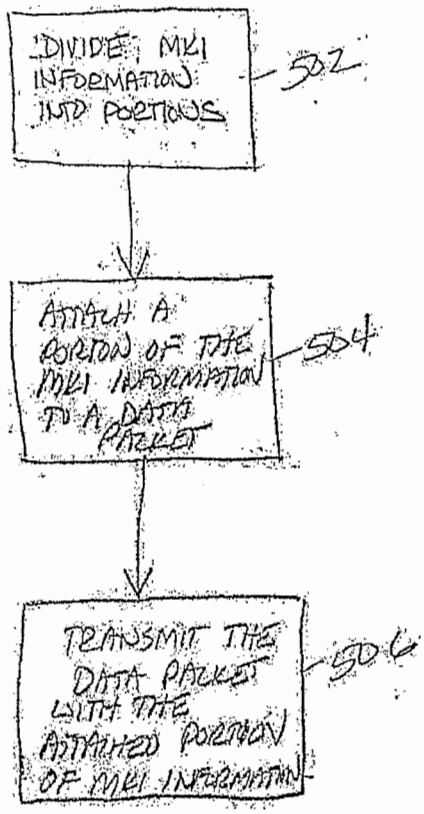

DIVIDE MKI INFORMATION INTO PORTIONS
502
ATTACH A PORTION OF THE MKI INFORMATION TO A DATA PACKET
504
TRANSMIT THE DATA PACKET WITH THE ATTACHED PORTION OF MKI INFORMATION
506

FIG. 5

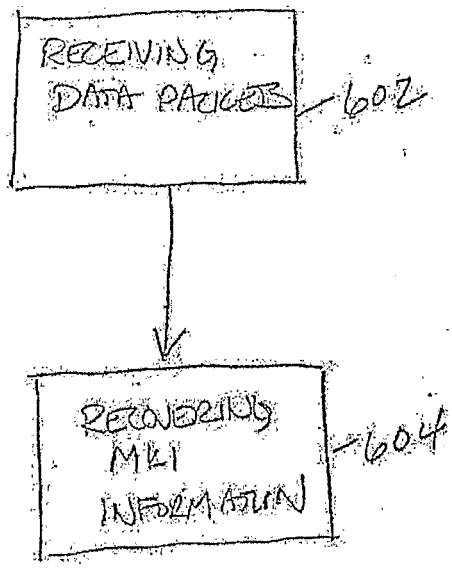

RECEIVING DATA PACKETS
602
RECOVERING MLI INFORMATION
604

FIG. 6.