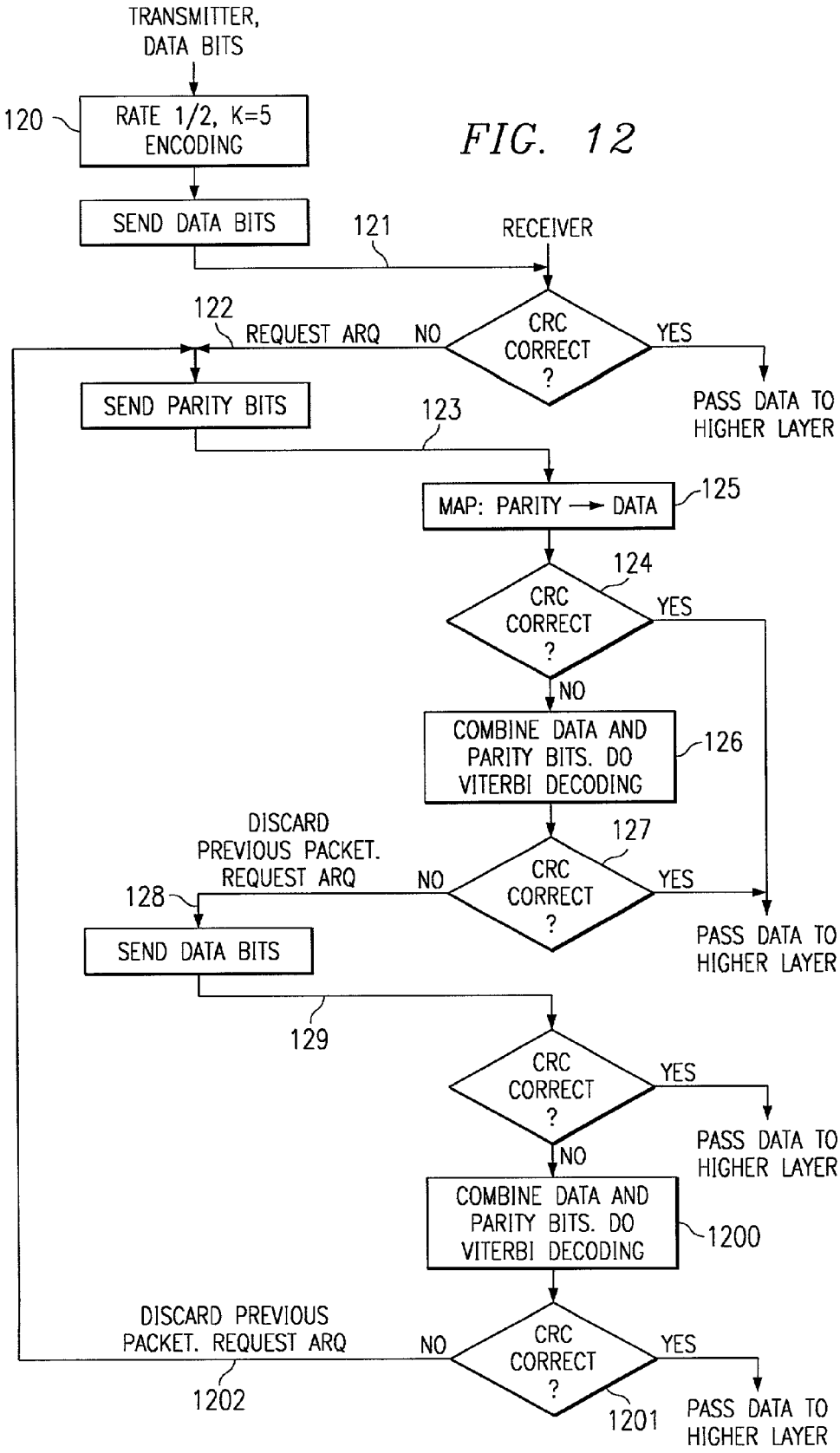
TRANSMITTER, DATA BITS
120
RATE 1/2, K=5 ENCODING
SEND DATA BITS
121
RECEIVER
122
REQUEST ARQ
NO
CRC CORRECT ?
YES
PASS DATA TO HIGHER LAYER
SEND PARITY BITS
123
MAP: PARITY → DATA
125
124
CRC CORRECT ?
YES
NO
COMBINE DATA AND PARITY BITS. DO VITERBI DECODING
126
DISCARD PREVIOUS PACKET. REQUEST ARQ
127
128
NO
CRC CORRECT ?
YES
PASS DATA TO HIGHER LAYER
SEND DATA BITS
129
CRC CORRECT ?
YES
PASS DATA TO HIGHER LAYER
NO
COMBINE DATA AND PARITY BITS. DO VITERBI DECODING
1200
DISCARD PREVIOUS PACKET. REQUEST ARQ
NO
CRC CORRECT ?
YES
1202
1201
PASS DATA TO HIGHER LAYER

FIG. 12