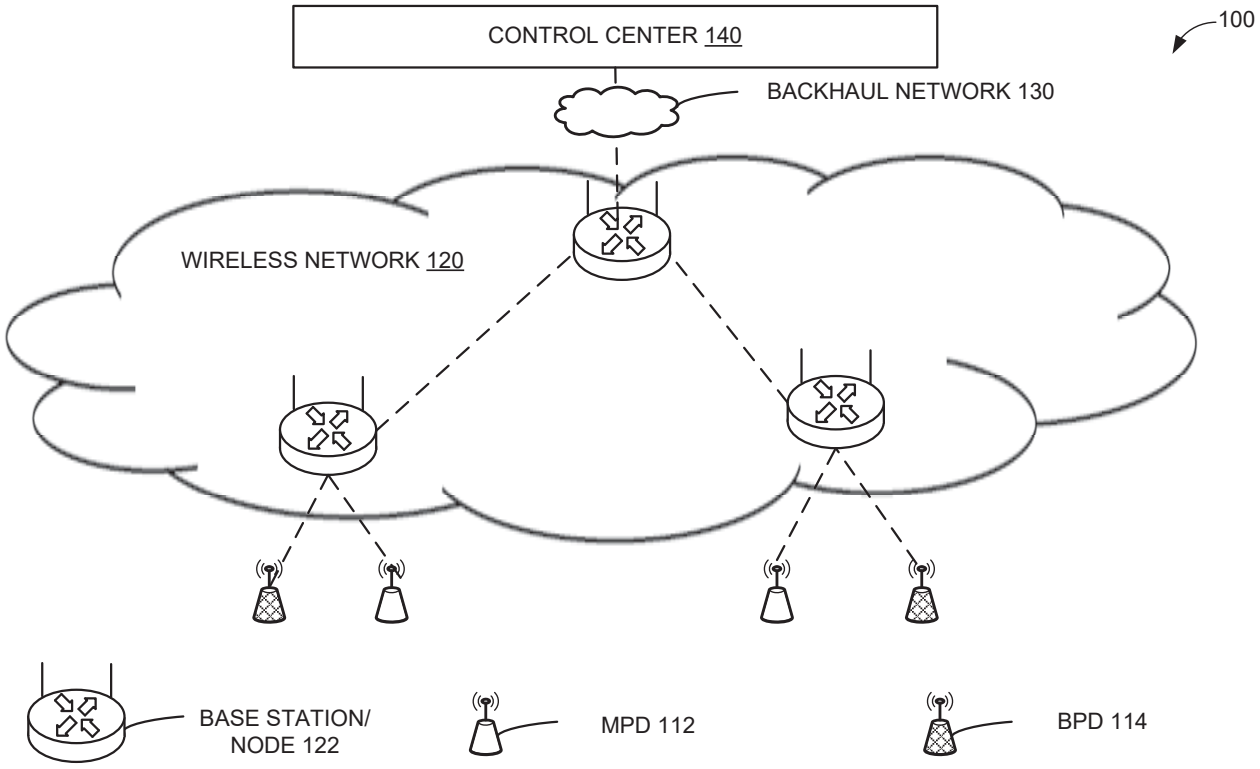

CONTROL CENTER 140
100
BACKHAUL NETWORK 130
WIRELESS NETWORK 120
BASE STATION/
NODE 122
MPD 112
BPD 114

FIGURE 1

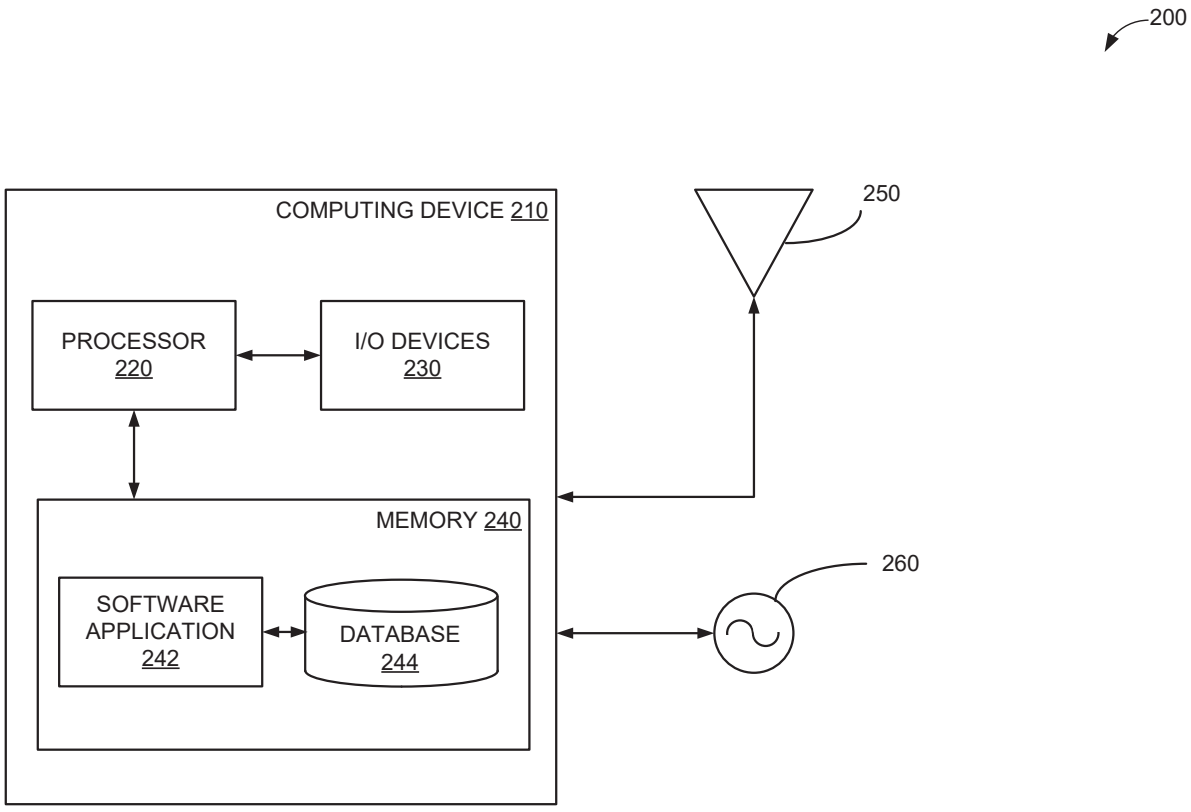

200
COMPUTING DEVICE 210
PROCESSOR 220
I/O DEVICES 230
MEMORY 240
SOFTWARE APPLICATION 242
DATABASE 244
250
260

FIGURE 2

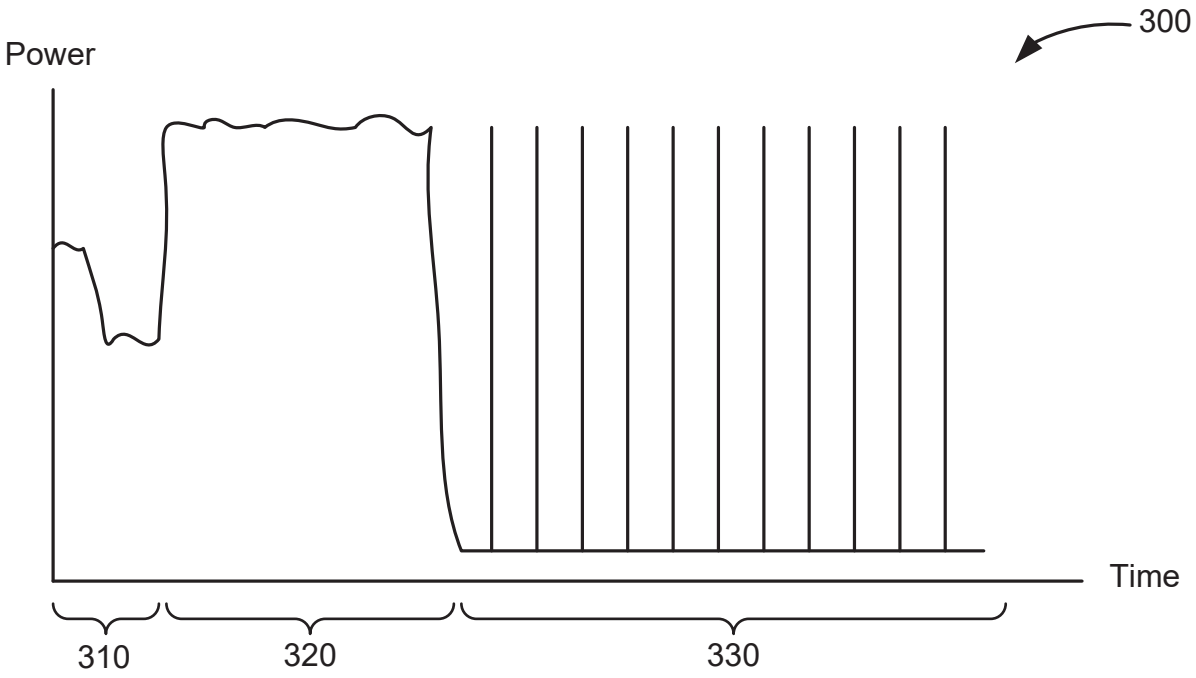


FIGURE 3A

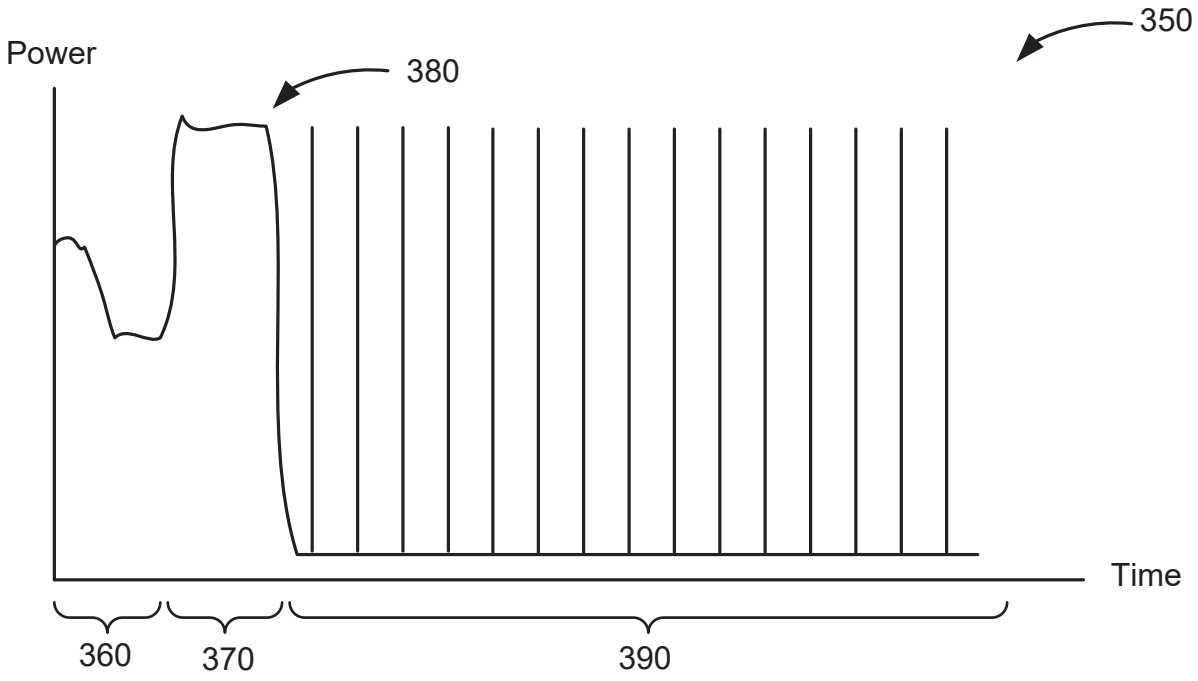


FIGURE 3B

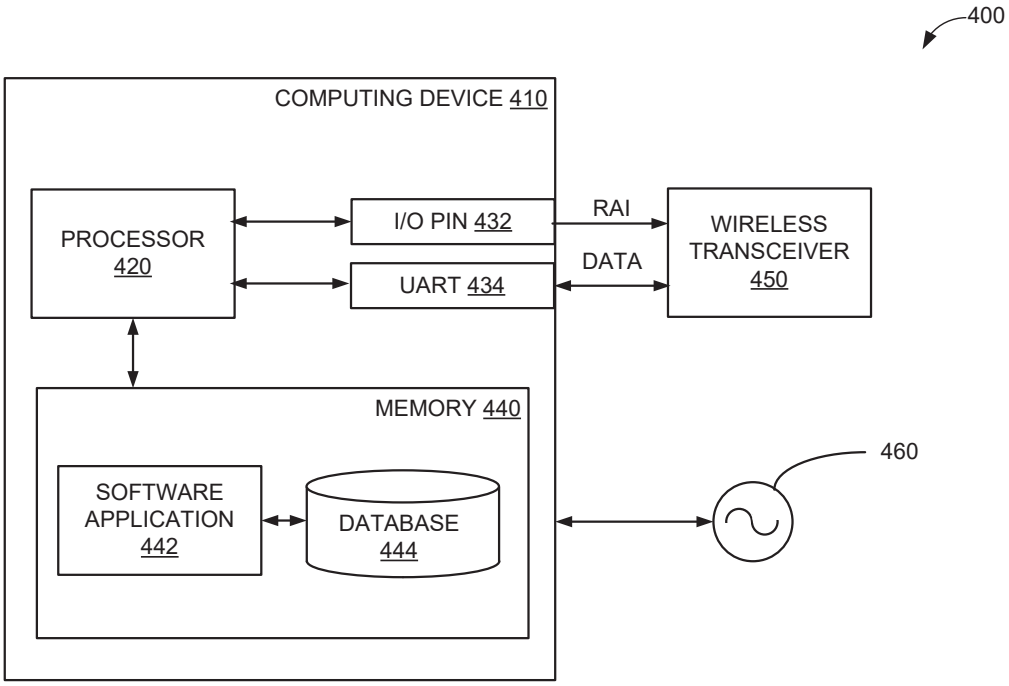

400
COMPUTING DEVICE 410
PROCESSOR 420
I/O PIN 432
UART 434
RAI
DATA
WIRELESS TRANSCEIVER 450
MEMORY 440
SOFTWARE APPLICATION 442
DATABASE 444
460

FIGURE 4

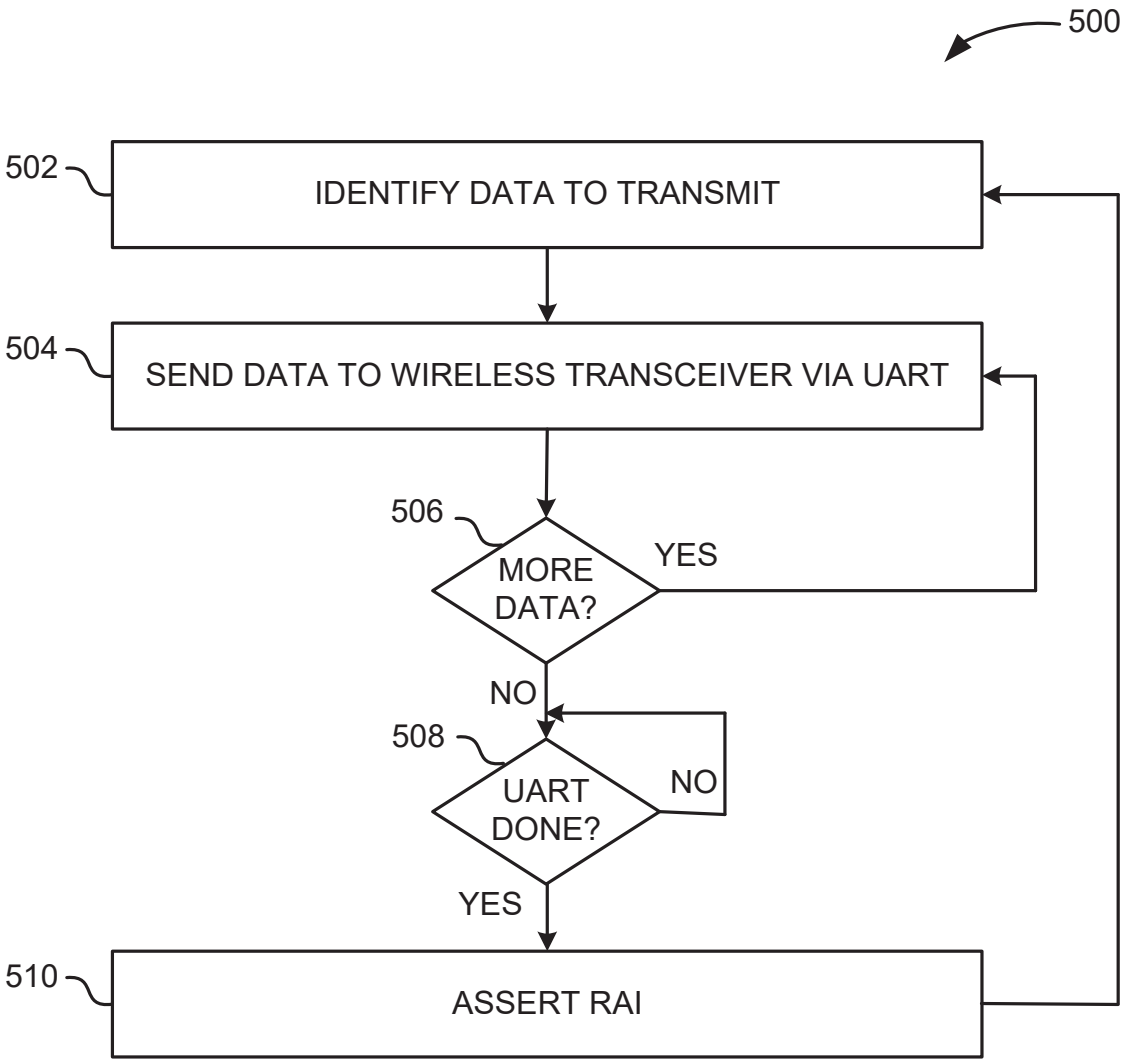

500
502
IDENTIFY DATA TO TRANSMIT
504
SEND DATA TO WIRELESS TRANSCEIVER VIA UART
506
MORE DATA?
YES
NO
508
UART DONE?
NO
YES
510
ASSERT RAI

FIGURE 5

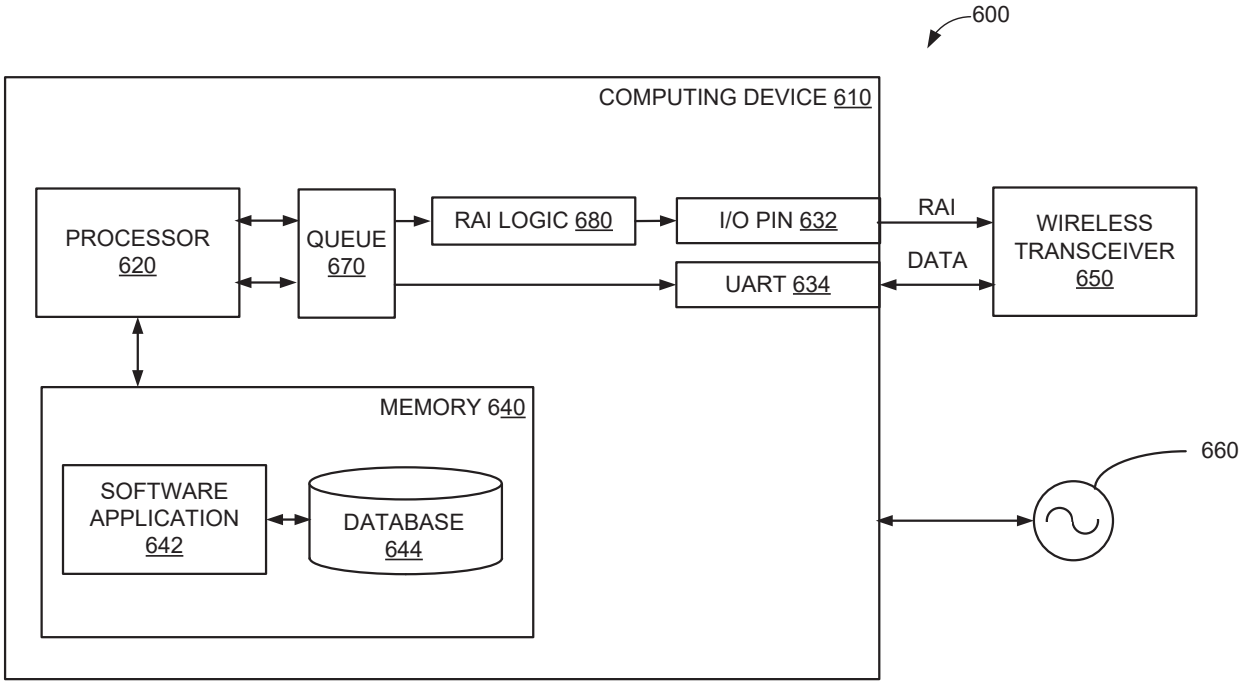

600
COMPUTING DEVICE 610
PROCESSOR 620
QUEUE 670
RAI LOGIC 680
I/O PIN 632
UART 634
RAI
DATA
WIRELESS TRANSCEIVER 650
MEMORY 640
SOFTWARE APPLICATION 642
DATABASE 644
660

FIGURE 6

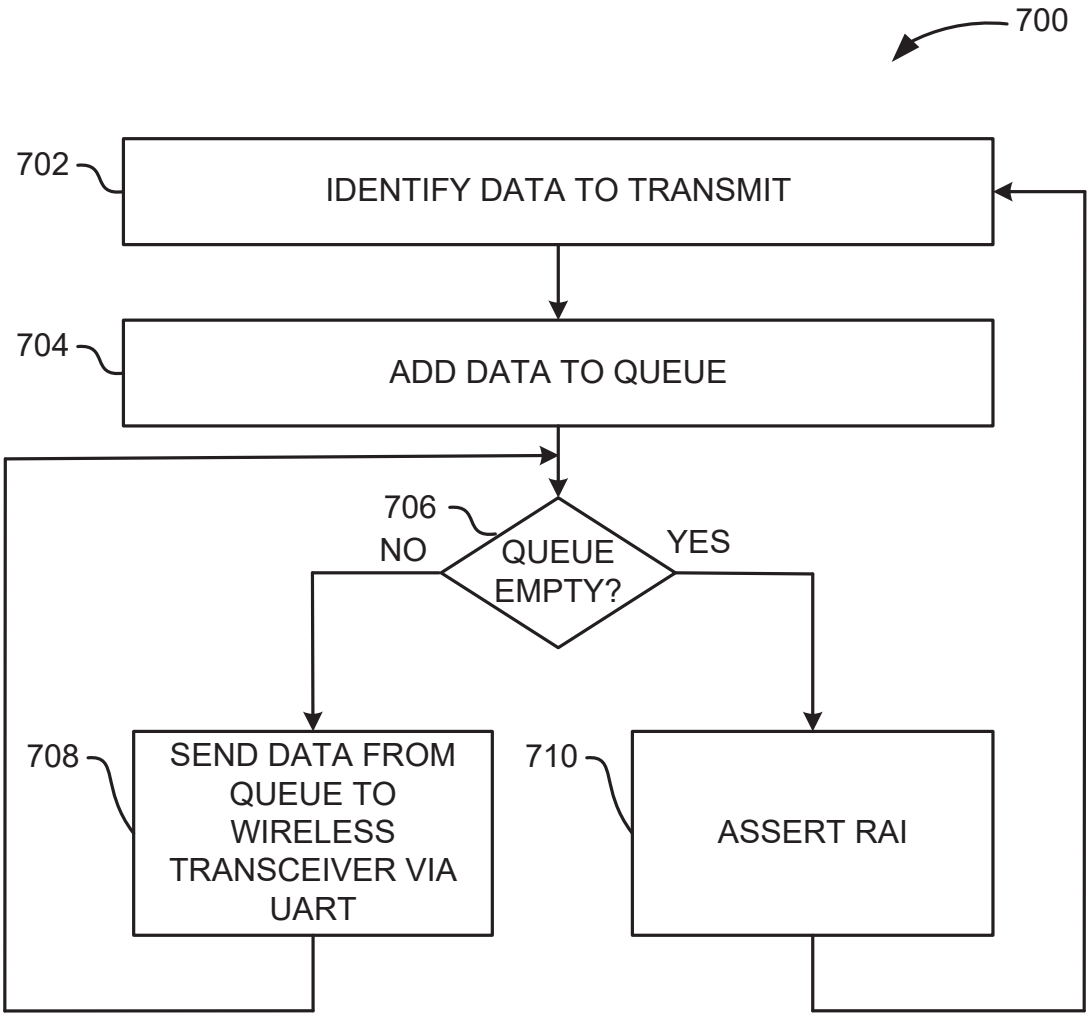

700
702
IDENTIFY DATA TO TRANSMIT
704
ADD DATA TO QUEUE
706
QUEUE EMPTY?
NO
YES
708
SEND DATA FROM QUEUE TO WIRELESS TRANSCEIVER VIA UART
710
ASSERT RAI

FIGURE 7

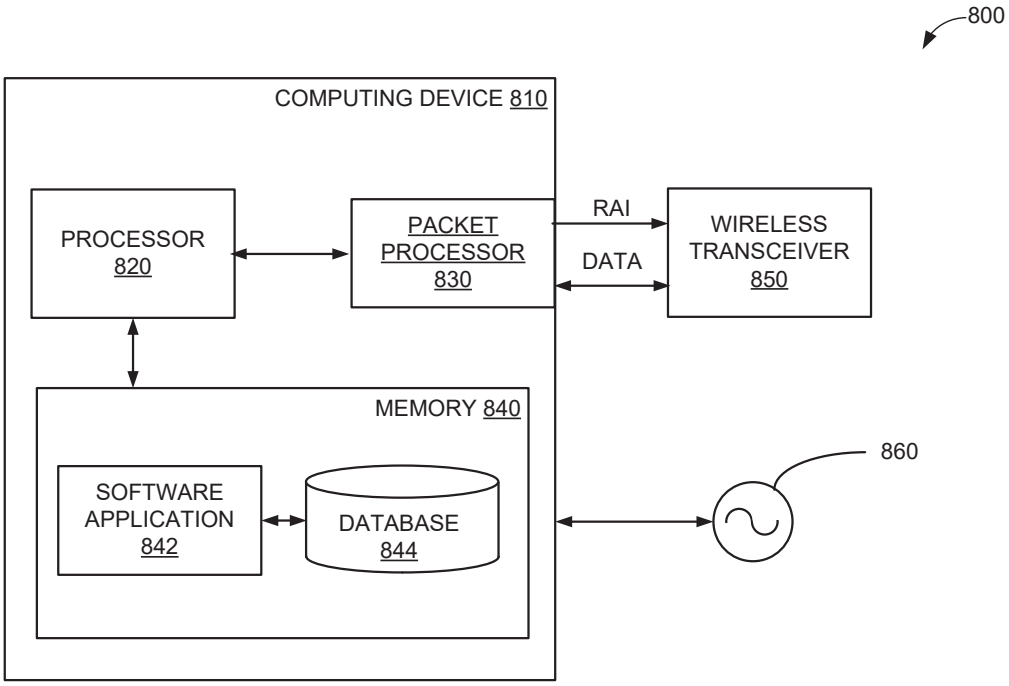

800
COMPUTING DEVICE 810
PROCESSOR 820
PACKET PROCESSOR 830
RAI
DATA
WIRELESS TRANSCEIVER 850
MEMORY 840
SOFTWARE APPLICATION 842
DATABASE 844
860

FIGURE 8

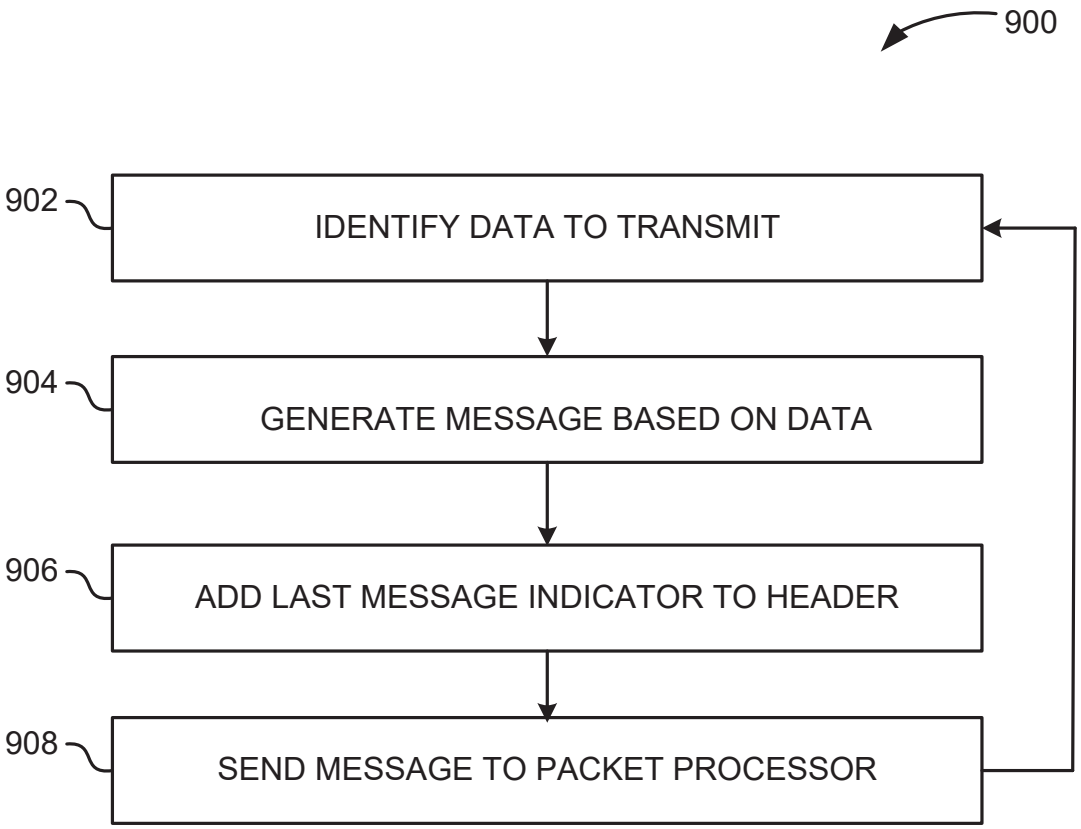

900
902
IDENTIFY DATA TO TRANSMIT
904
GENERATE MESSAGE BASED ON DATA
906
ADD LAST MESSAGE INDICATOR TO HEADER
908
SEND MESSAGE TO PACKET PROCESSOR

FIGURE 9

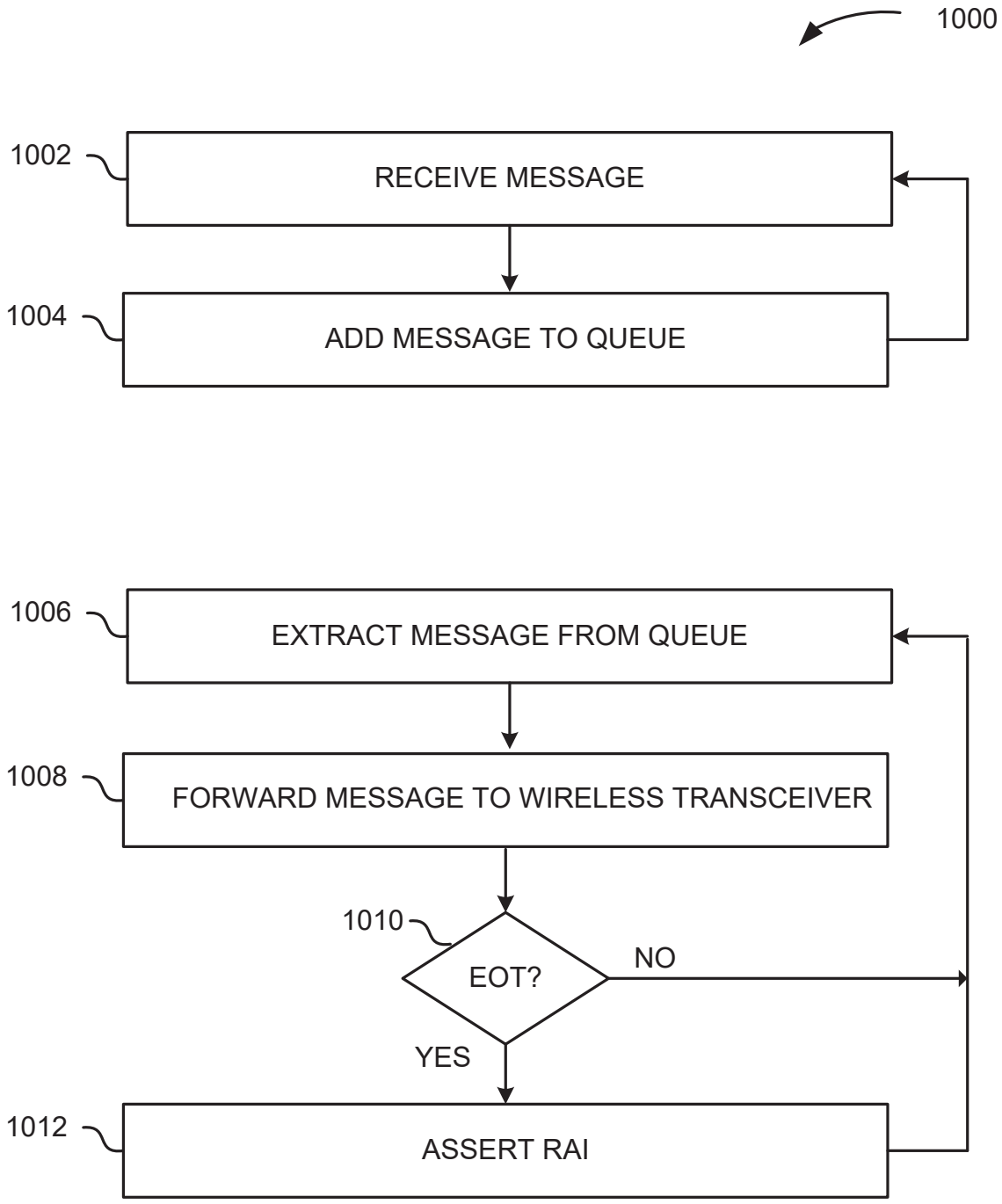

1000
1002
RECEIVE MESSAGE
1004
ADD MESSAGE TO QUEUE
1006
EXTRACT MESSAGE FROM QUEUE
1008
FORWARD MESSAGE TO WIRELESS TRANSCEIVER
1010
EOT?
NO
YES
1012
ASSERT RAI

FIGURE 10