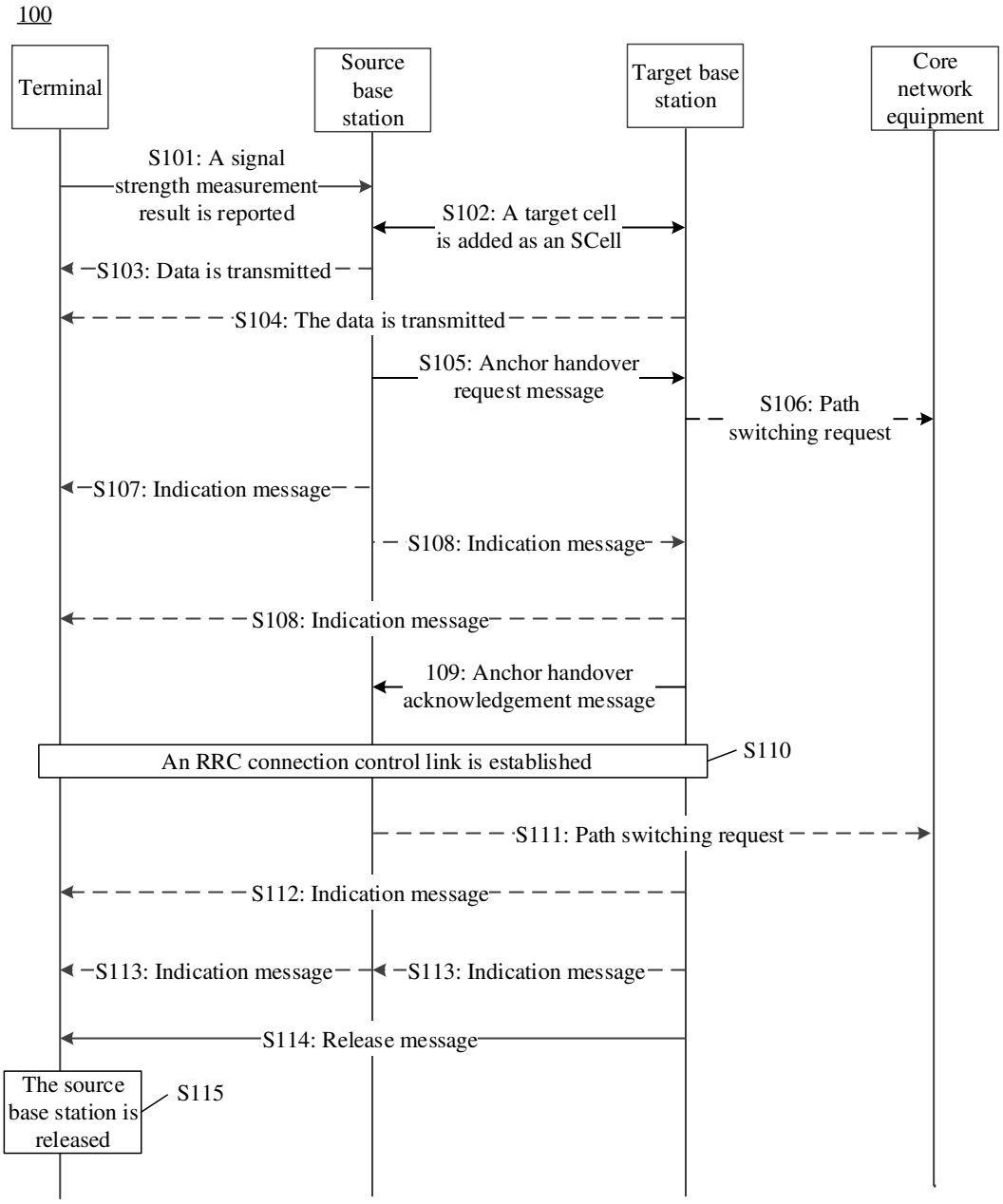
100
Terminal
Source base station
Target base station
Core network equipment
S101: A signal strength measurement result is reported
S102: A target cell is added as an SCell
S103: Data is transmitted
S104: The data is transmitted
S105: Anchor handover request message
S106: Path switching request
S107: Indication message
S108: Indication message
S108: Indication message
109: Anchor handover acknowledgement message
An RRC connection control link is established
S110
S111: Path switching request
S112: Indication message
S113: Indication message
S113: Indication message
S114: Release message
The source base station is released
S115

FIG. 1

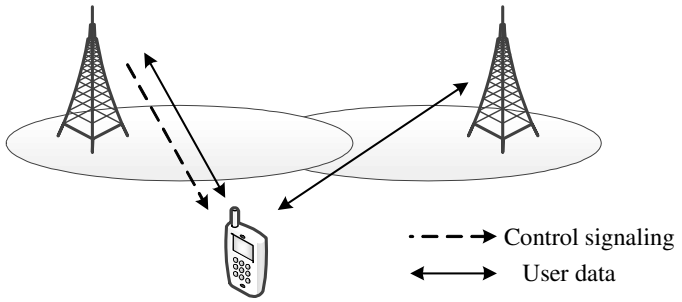
Control signaling
User data

FIG. 2A

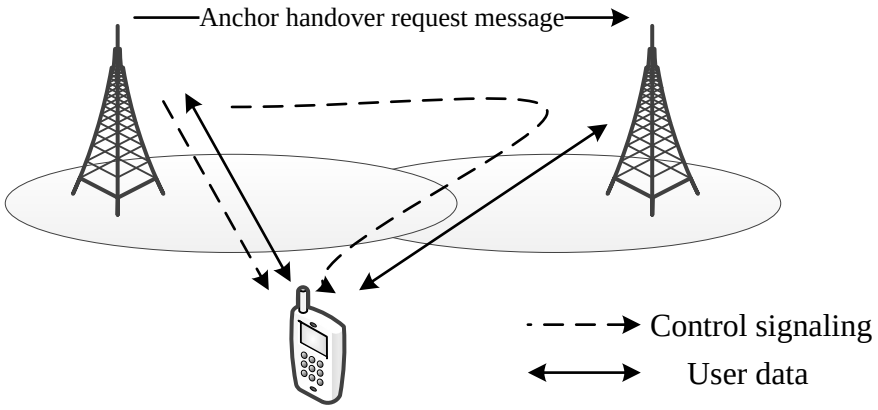
Anchor handover request message
Control signaling
User data

FIG. 2B

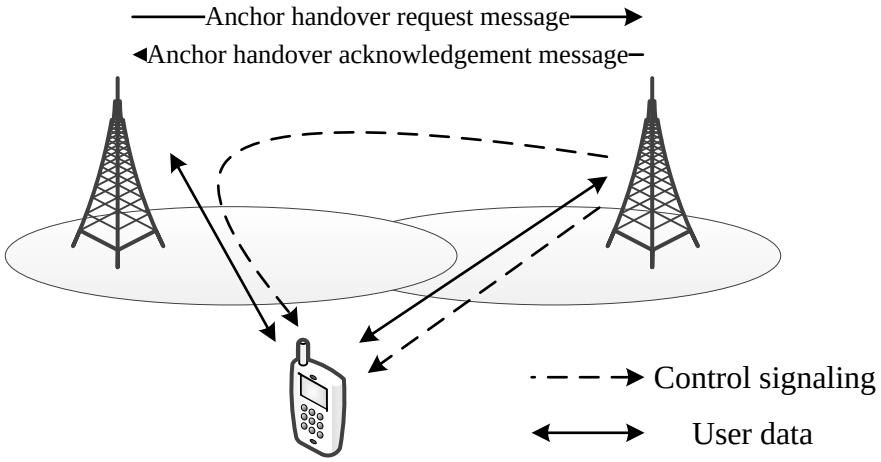
Anchor handover request message
Anchor handover acknowledgement message
Control signaling
User data

FIG. 2C

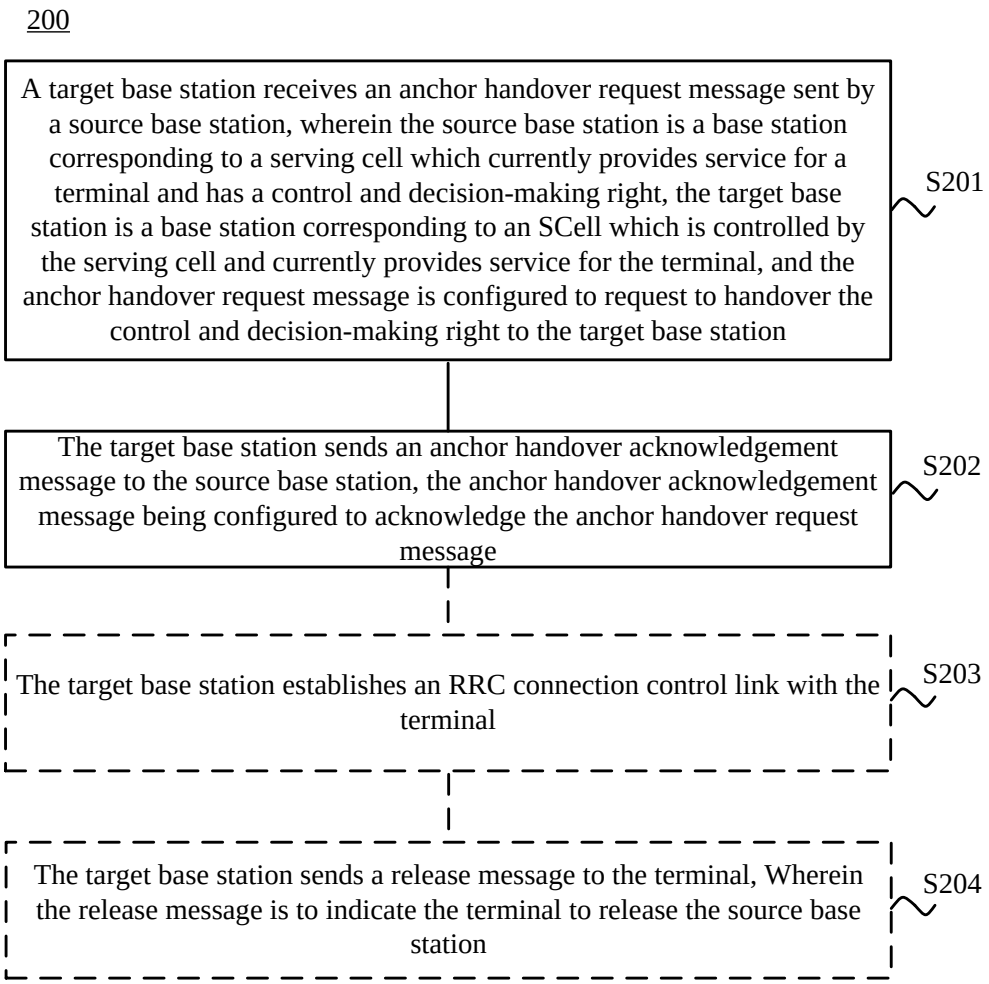
200
A target base station receives an anchor handover request message sent by a source base station, wherein the source base station is a base station corresponding to a serving cell which currently provides service for a terminal and has a control and decision-making right, the target base station is a base station corresponding to an SCell which is controlled by the serving cell and currently provides service for the terminal, and the anchor handover request message is configured to request to handover the control and decision-making right to the target base station
S201
The target base station sends an anchor handover acknowledgement message to the source base station, the anchor handover acknowledgement message being configured to acknowledge the anchor handover request message
S202
The target base station establishes an RRC connection control link with the terminal
S203
The target base station sends a release message to the terminal, Wherein the release message is to indicate the terminal to release the source base station
S204

FIG. 3

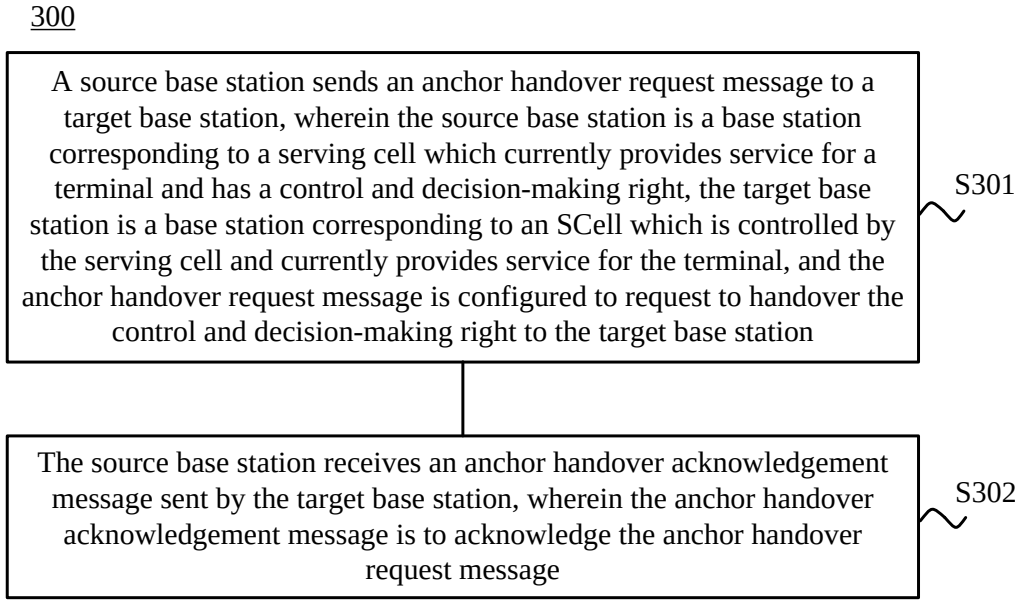
300
A source base station sends an anchor handover request message to a target base station, wherein the source base station is a base station corresponding to a serving cell which currently provides service for a terminal and has a control and decision-making right, the target base station is a base station corresponding to an SCell which is controlled by the serving cell and currently provides service for the terminal, and the anchor handover request message is configured to request to handover the control and decision-making right to the target base station
S301
The source base station receives an anchor handover acknowledgement message sent by the target base station, wherein the anchor handover acknowledgement message is to acknowledge the anchor handover request message
S302

FIG. 4

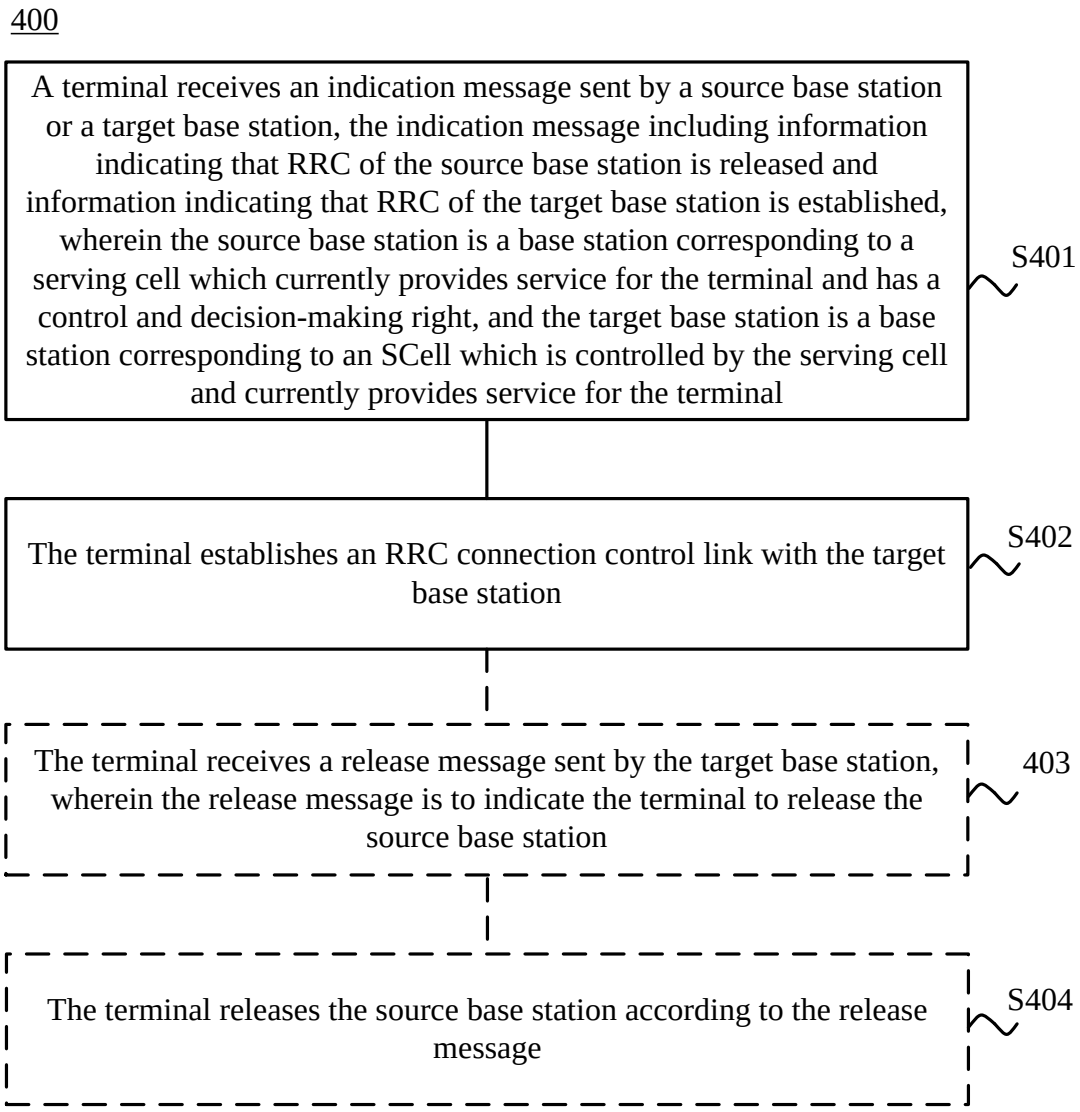
400
A terminal receives an indication message sent by a source base station or a target base station, the indication message including information indicating that RRC of the source base station is released and information indicating that RRC of the target base station is established, wherein the source base station is a base station corresponding to a serving cell which currently provides service for the terminal and has a control and decision-making right, and the target base station is a base station corresponding to an SCell which is controlled by the serving cell and currently provides service for the terminal
S401
The terminal establishes an RRC connection control link with the target base station
S402
The terminal receives a release message sent by the target base station, wherein the release message is to indicate the terminal to release the source base station
403
The terminal releases the source base station according to the release message
S404

FIG. 5

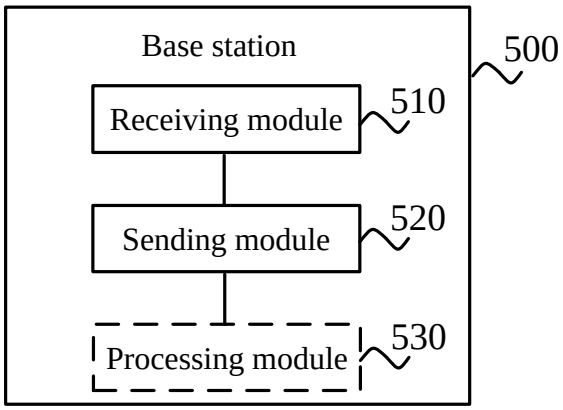
Base station
500
Receiving module
510
Sending module
520
Processing module
530

FIG. 6

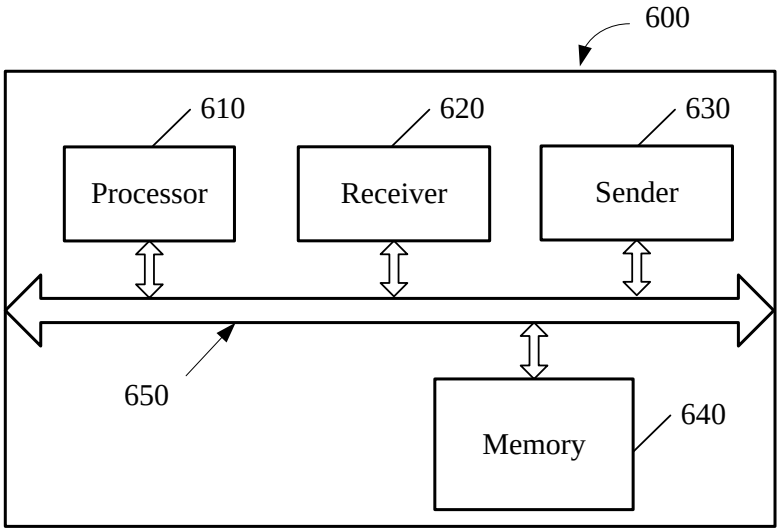

FIG. 7

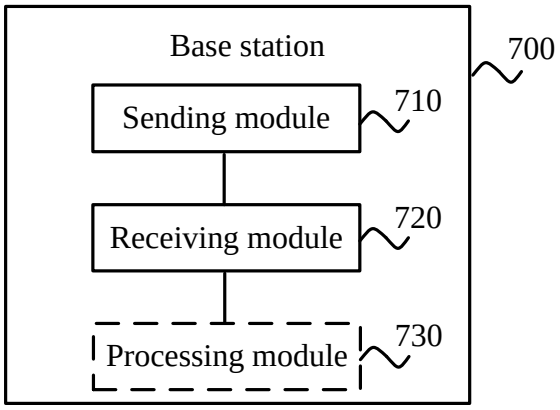

FIG. 8

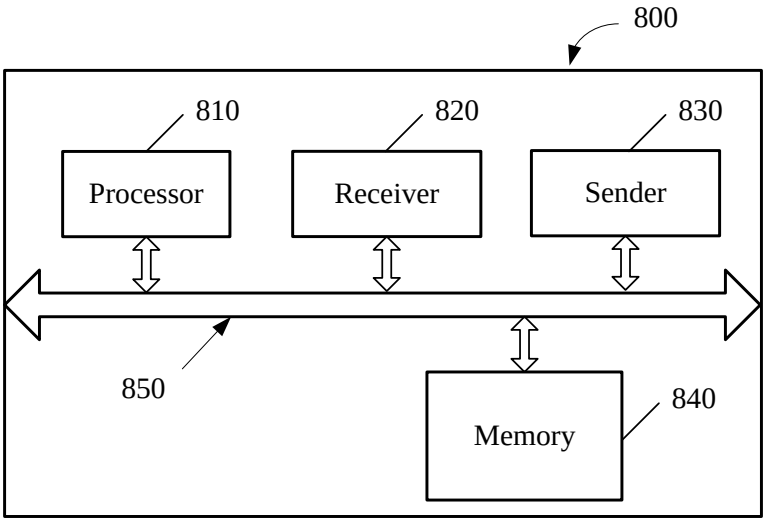

FIG. 9

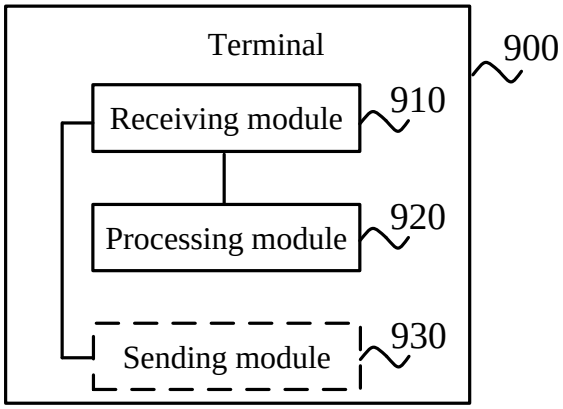
Terminal
900
Receiving module
910
Processing module
920
Sending module
930

FIG. 10

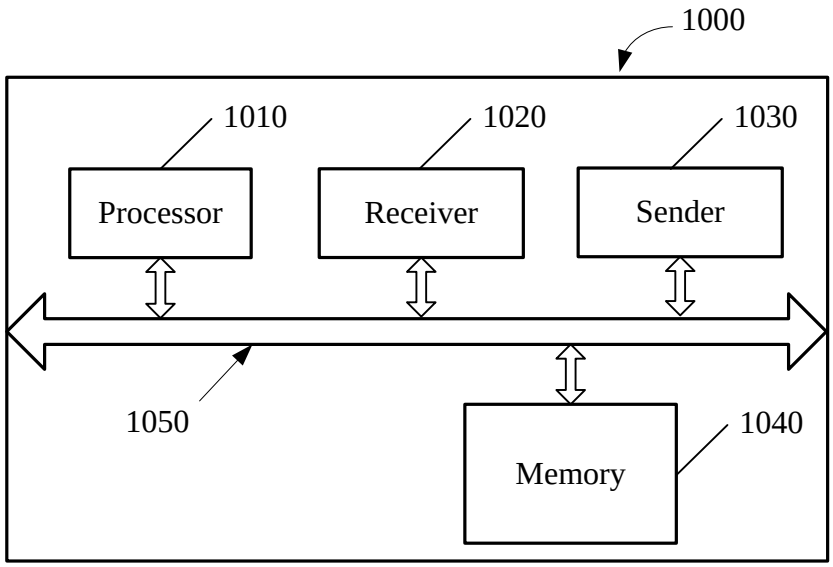
1000
1010
1020
1030
Processor
Receiver
Sender
1050
1040
Memory

FIG. 11