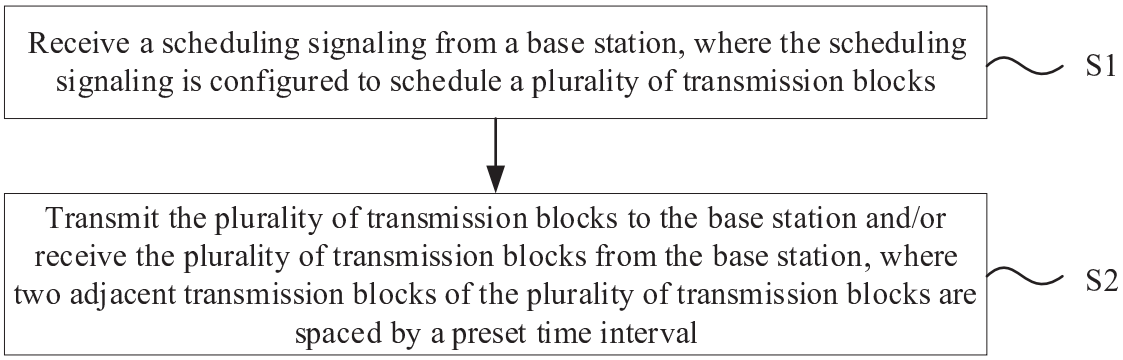

FIG. 1

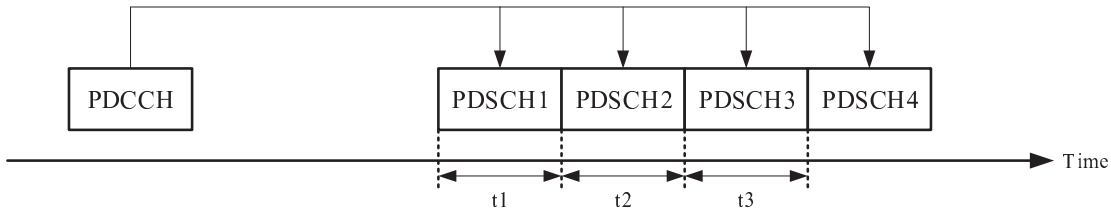

FIG. 2A

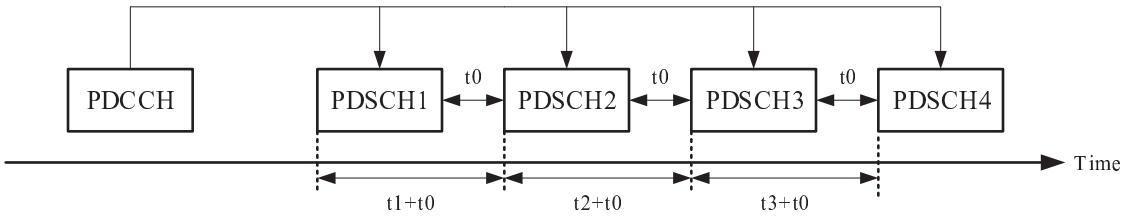

FIG. 2B

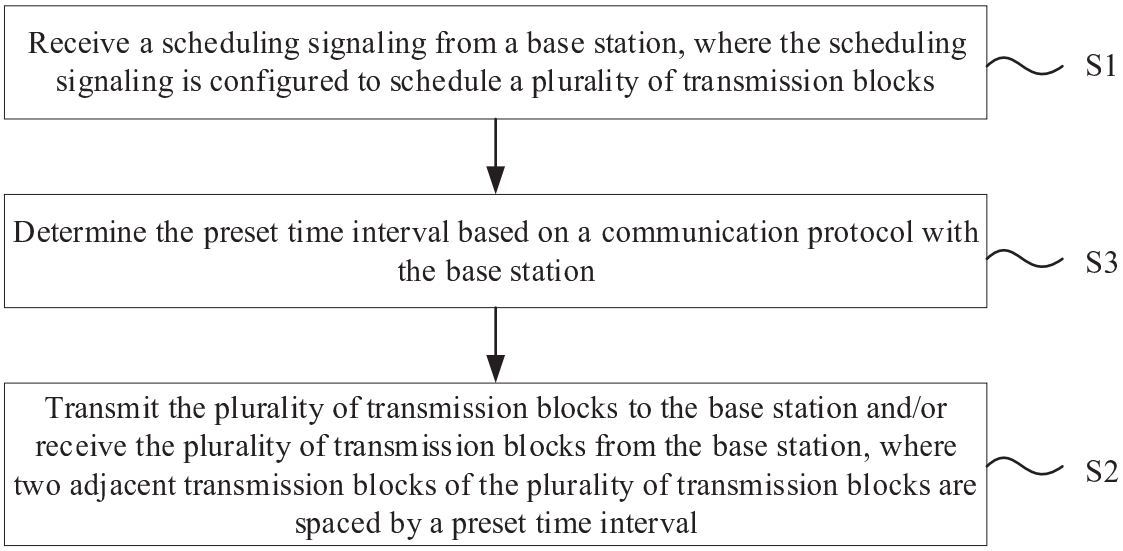
Receive a scheduling signaling from a base station, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1
Determine the preset time interval based on a communication protocol with the base station
S3
Transmit the plurality of transmission blocks to the base station and/or receive the plurality of transmission blocks from the base station, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2

FIG. 3

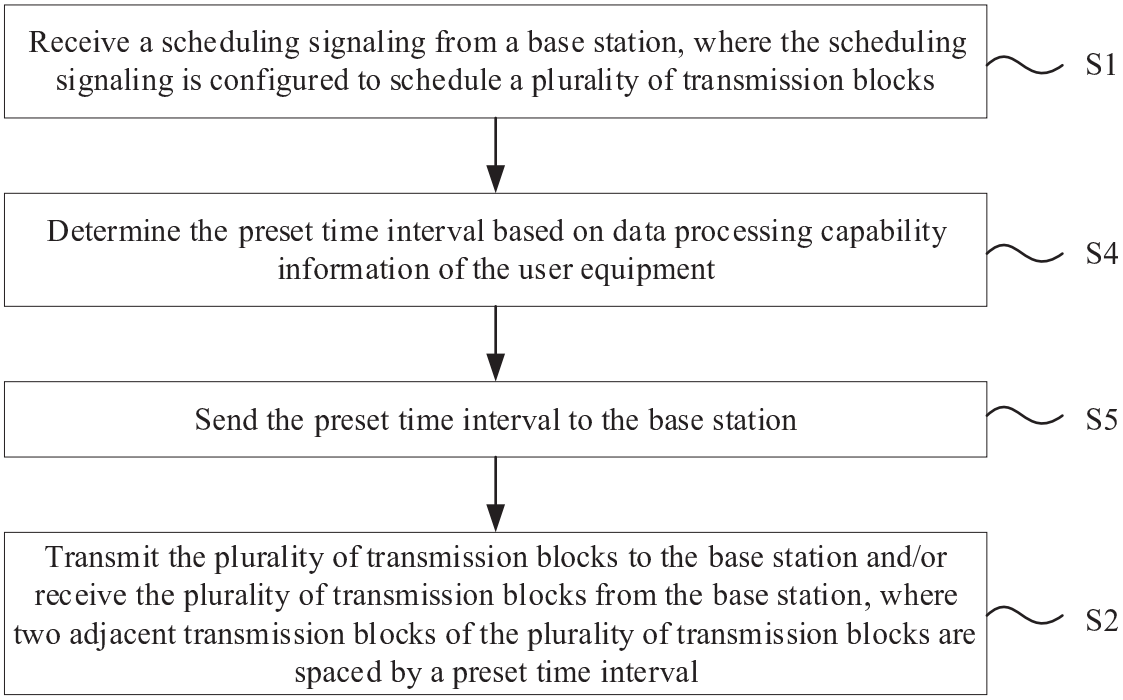
Receive a scheduling signaling from a base station, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1
Determine the preset time interval based on data processing capability information of the user equipment
S4
Send the preset time interval to the base station
S5
Transmit the plurality of transmission blocks to the base station and/or receive the plurality of transmission blocks from the base station, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2

FIG. 4

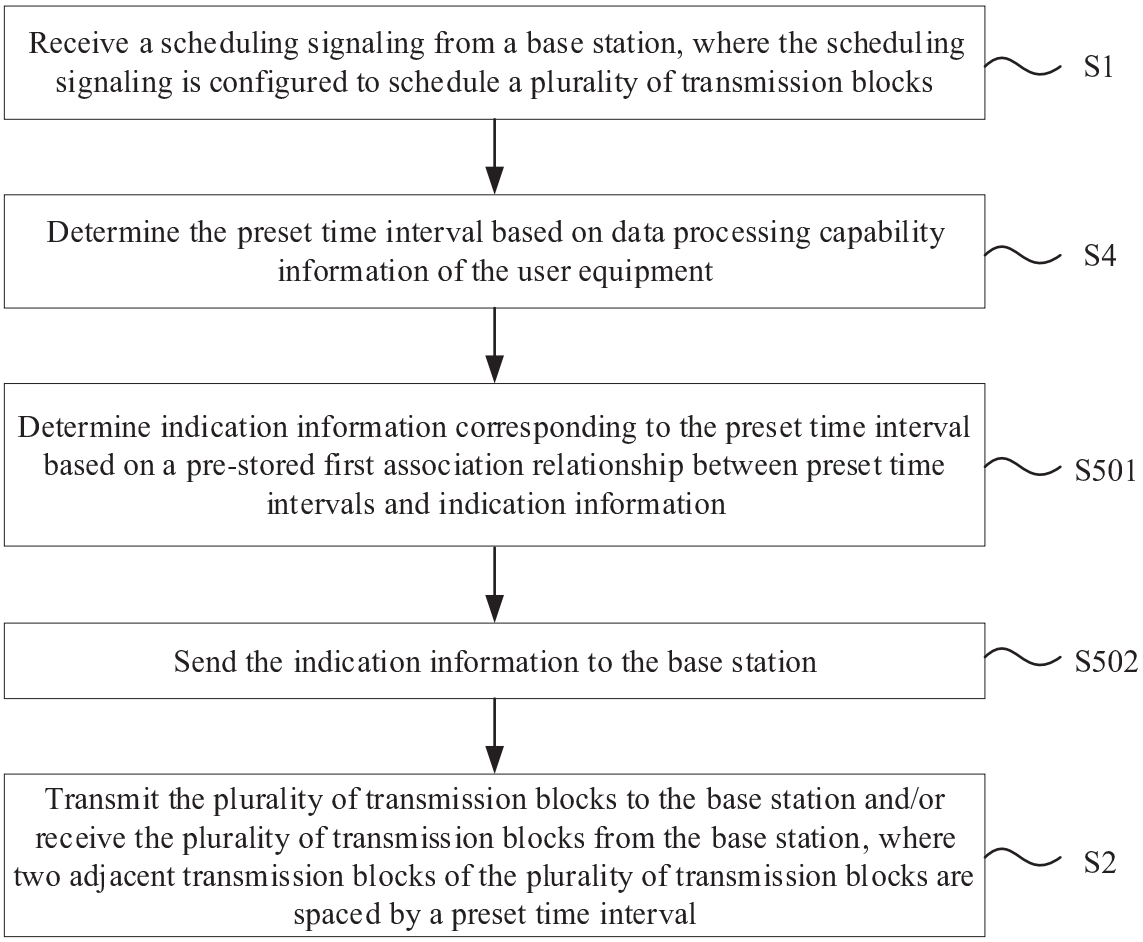
Receive a scheduling signaling from a base station, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1
Determine the preset time interval based on data processing capability information of the user equipment
S4
Determine indication information corresponding to the preset time interval based on a pre-stored first association relationship between preset time intervals and indication information
S501
Send the indication information to the base station
S502
Transmit the plurality of transmission blocks to the base station and/or receive the plurality of transmission blocks from the base station, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2

FIG. 5

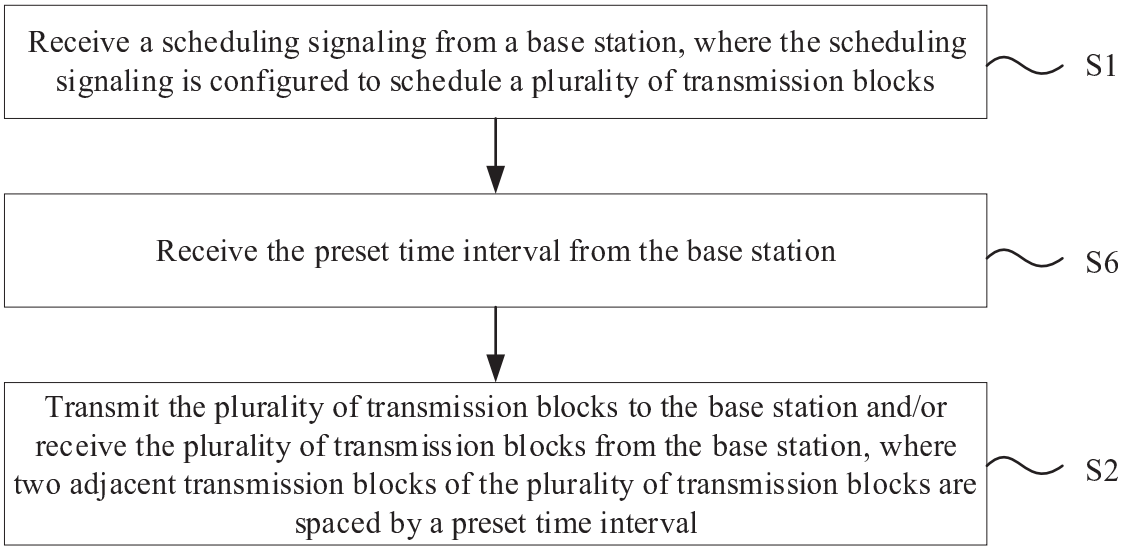
Receive a scheduling signaling from a base station, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1
Receive the preset time interval from the base station
S6
Transmit the plurality of transmission blocks to the base station and/or receive the plurality of transmission blocks from the base station, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2

FIG. 6

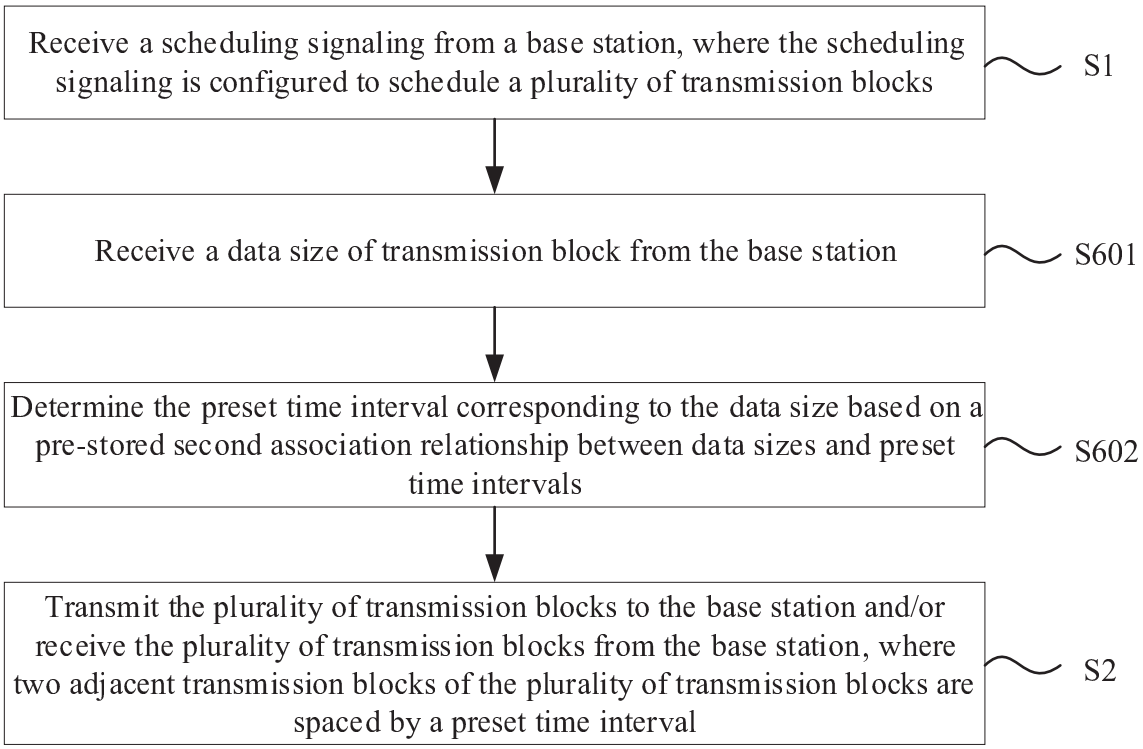
Receive a scheduling signaling from a base station, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1
Receive a data size of transmission block from the base station
S601
Determine the preset time interval corresponding to the data size based on a pre-stored second association relationship between data sizes and preset time intervals
S602
Transmit the plurality of transmission blocks to the base station and/or receive the plurality of transmission blocks from the base station, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2

FIG. 7

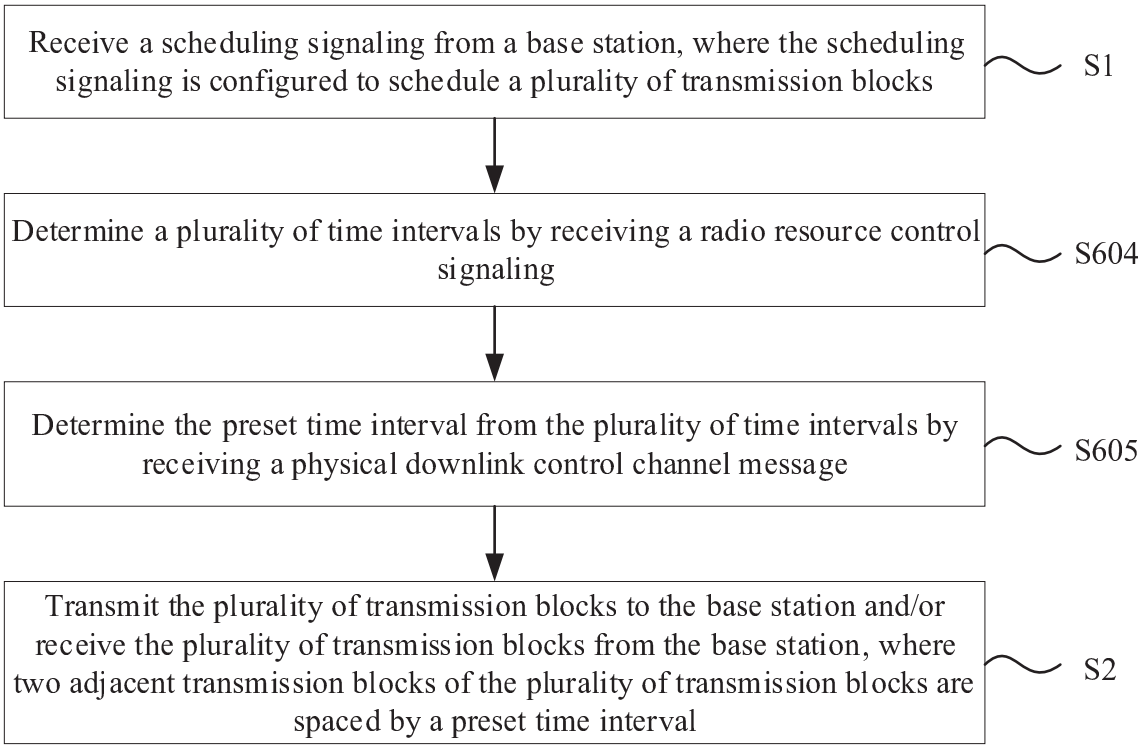
Receive a scheduling signaling from a base station, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1
Determine a plurality of time intervals by receiving a radio resource control signaling
S604
Determine the preset time interval from the plurality of time intervals by receiving a physical downlink control channel message
S605
Transmit the plurality of transmission blocks to the base station and/or receive the plurality of transmission blocks from the base station, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2

FIG. 8

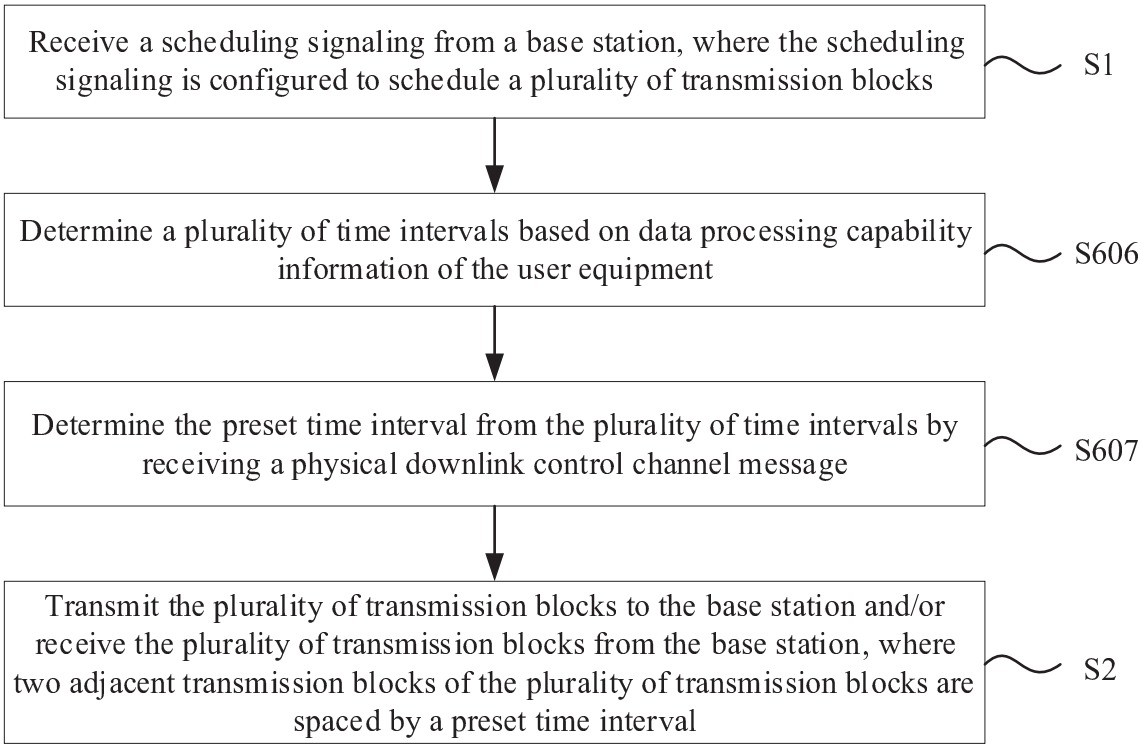
Receive a scheduling signaling from a base station, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1
Determine a plurality of time intervals based on data processing capability information of the user equipment
S606
Determine the preset time interval from the plurality of time intervals by receiving a physical downlink control channel message
S607
Transmit the plurality of transmission blocks to the base station and/or receive the plurality of transmission blocks from the base station, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2

FIG. 9

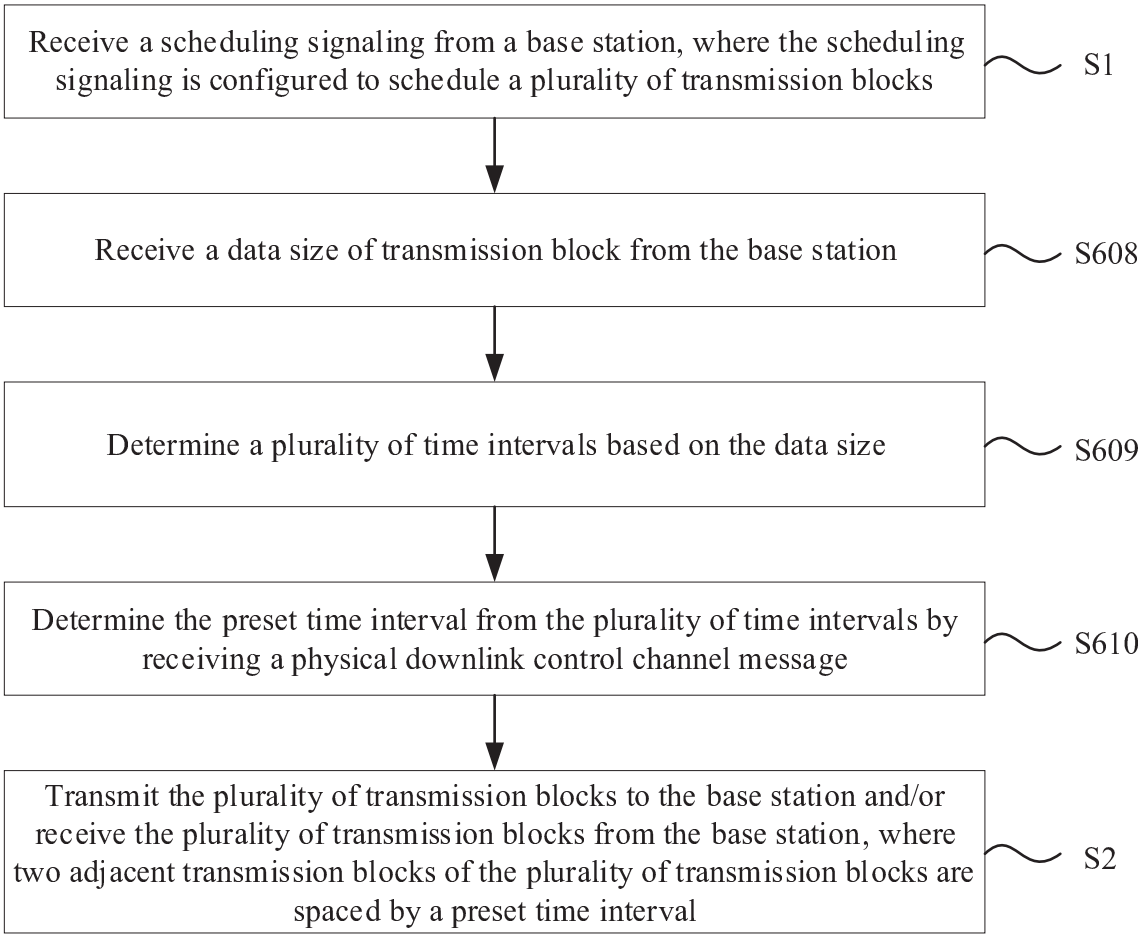
Receive a scheduling signaling from a base station, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1
Receive a data size of transmission block from the base station
S608
Determine a plurality of time intervals based on the data size
S609
Determine the preset time interval from the plurality of time intervals by receiving a physical downlink control channel message
S610
Transmit the plurality of transmission blocks to the base station and/or receive the plurality of transmission blocks from the base station, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2

FIG. 10

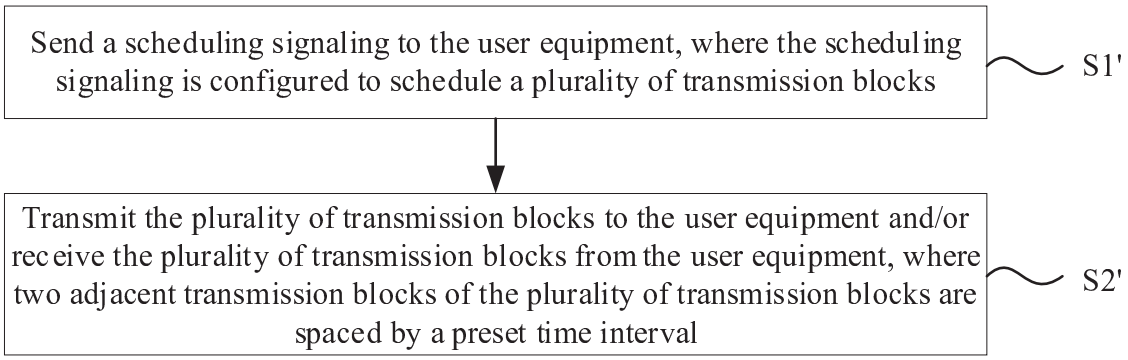

FIG. 11

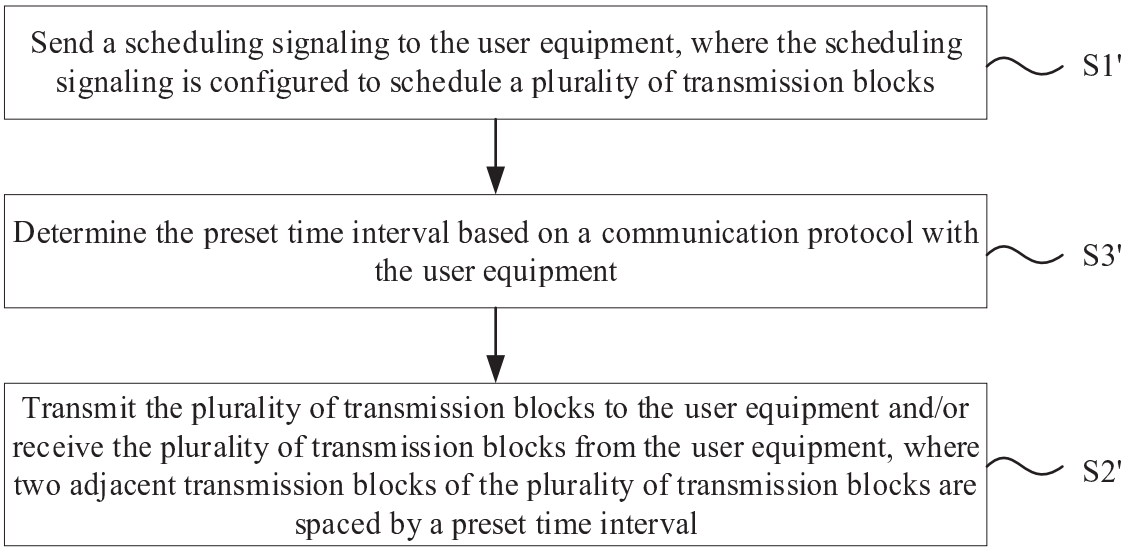

FIG. 12

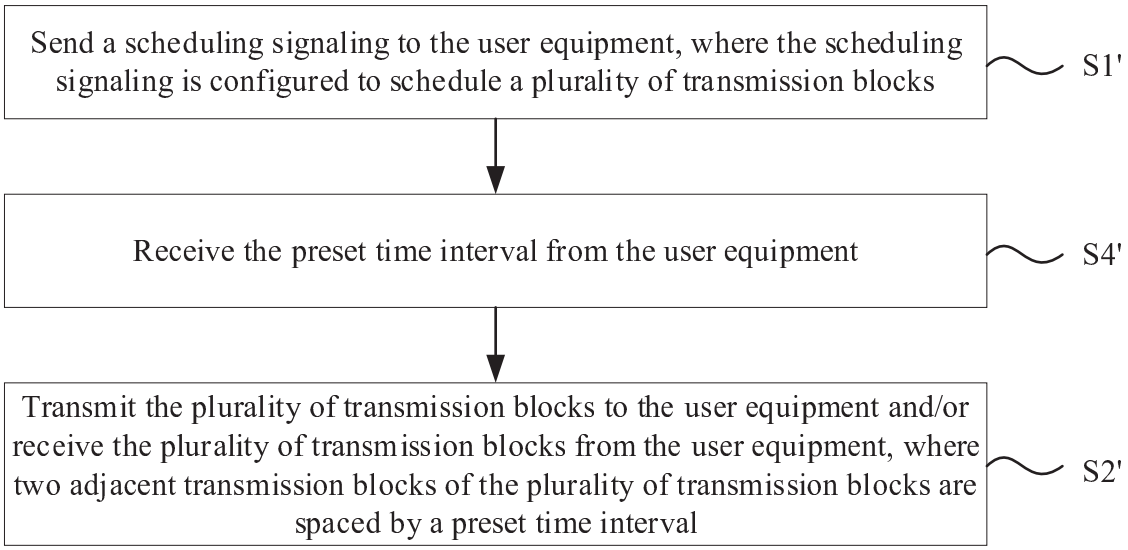

FIG. 13

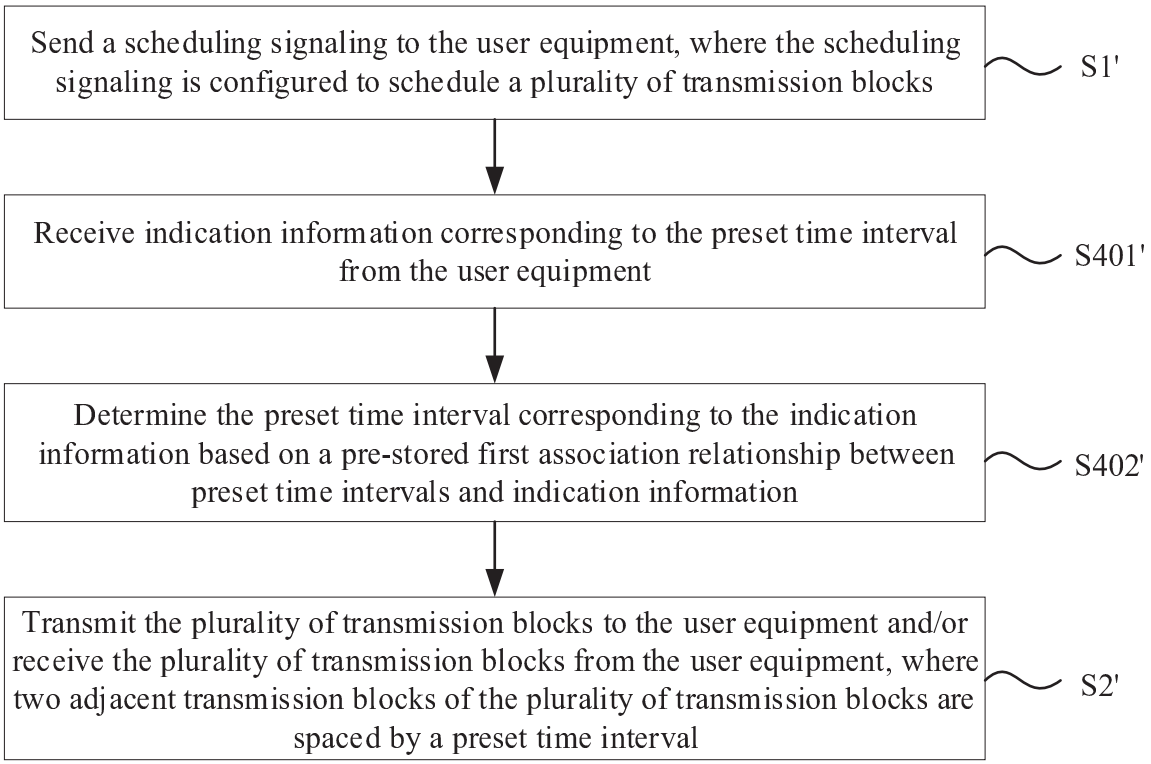
Send a scheduling signaling to the user equipment, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1'
Receive indication information corresponding to the preset time interval from the user equipment
S401'
Determine the preset time interval corresponding to the indication information based on a pre-stored first association relationship between preset time intervals and indication information
S402'
Transmit the plurality of transmission blocks to the user equipment and/or receive the plurality of transmission blocks from the user equipment, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2'

FIG. 14

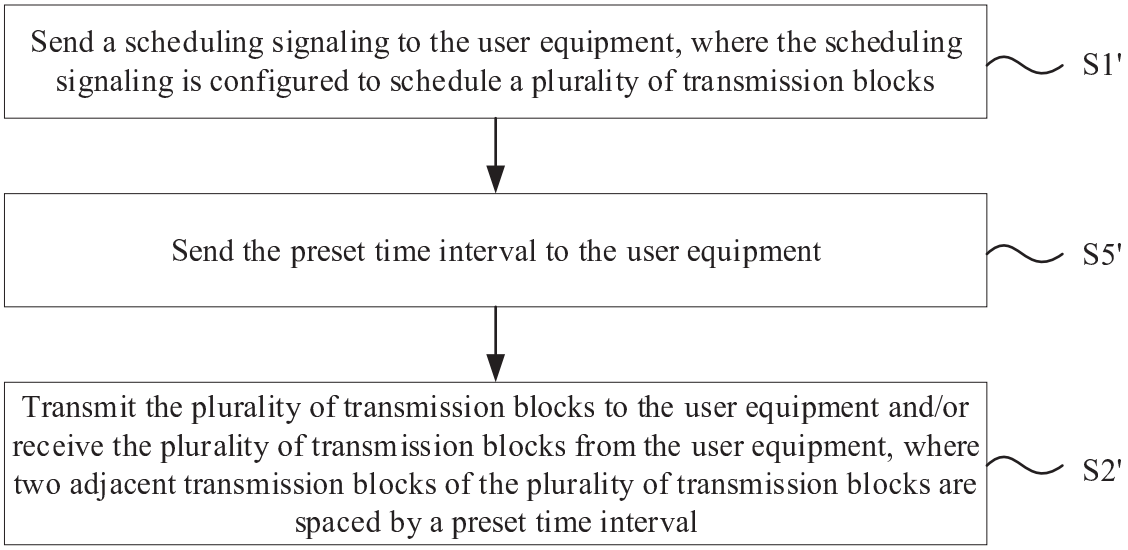
Send a scheduling signaling to the user equipment, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1'
Send the preset time interval to the user equipment
S5'
Transmit the plurality of transmission blocks to the user equipment and/or receive the plurality of transmission blocks from the user equipment, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2'

FIG. 15

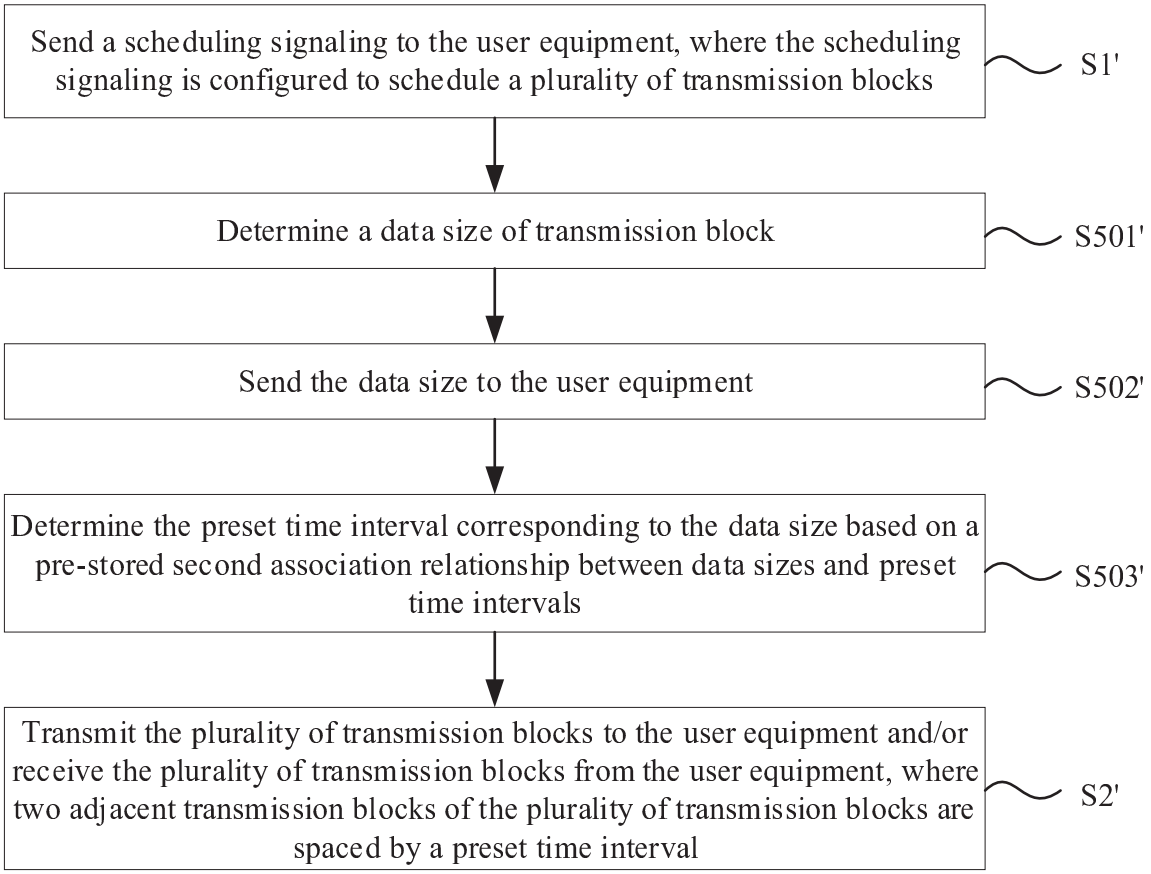
Send a scheduling signaling to the user equipment, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1'
Determine a data size of transmission block
S501'
Send the data size to the user equipment
S502'
Determine the preset time interval corresponding to the data size based on a pre-stored second association relationship between data sizes and preset time intervals
S503'
Transmit the plurality of transmission blocks to the user equipment and/or receive the plurality of transmission blocks from the user equipment, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2'

FIG. 16

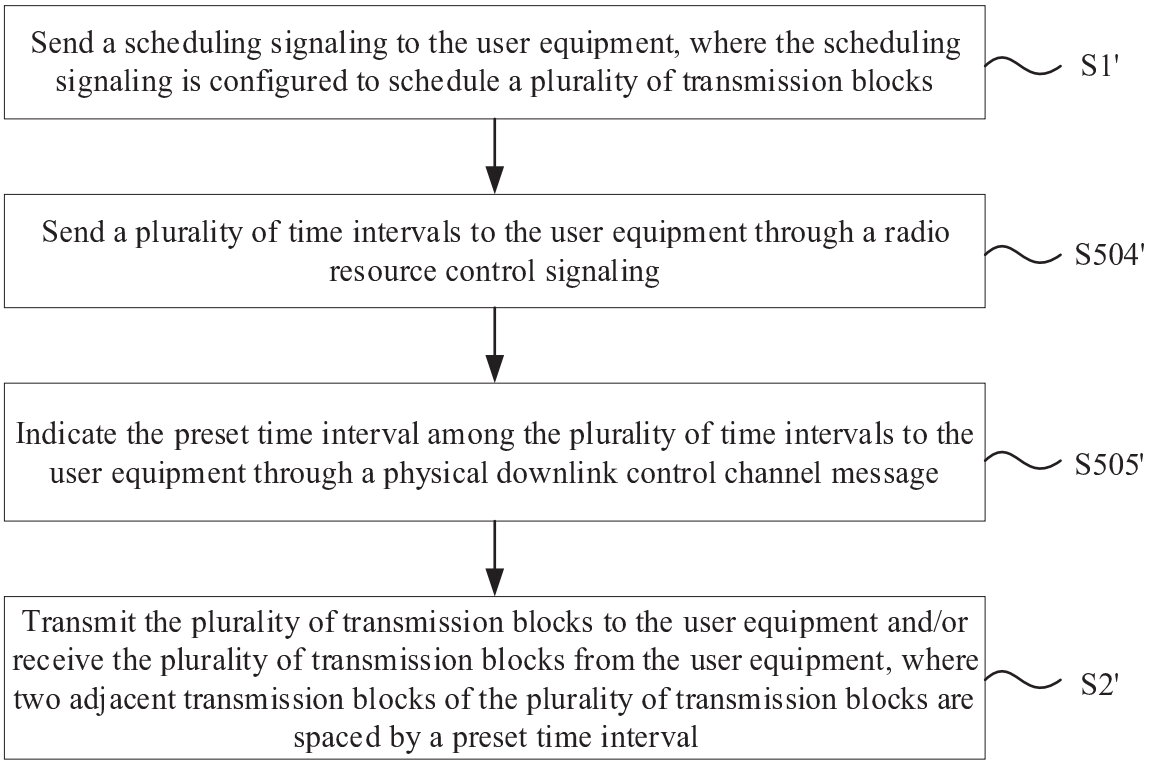
Send a scheduling signaling to the user equipment, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1'
Send a plurality of time intervals to the user equipment through a radio resource control signaling
S504'
Indicate the preset time interval among the plurality of time intervals to the user equipment through a physical downlink control channel message
S505'
Transmit the plurality of transmission blocks to the user equipment and/or receive the plurality of transmission blocks from the user equipment, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2'

FIG. 17

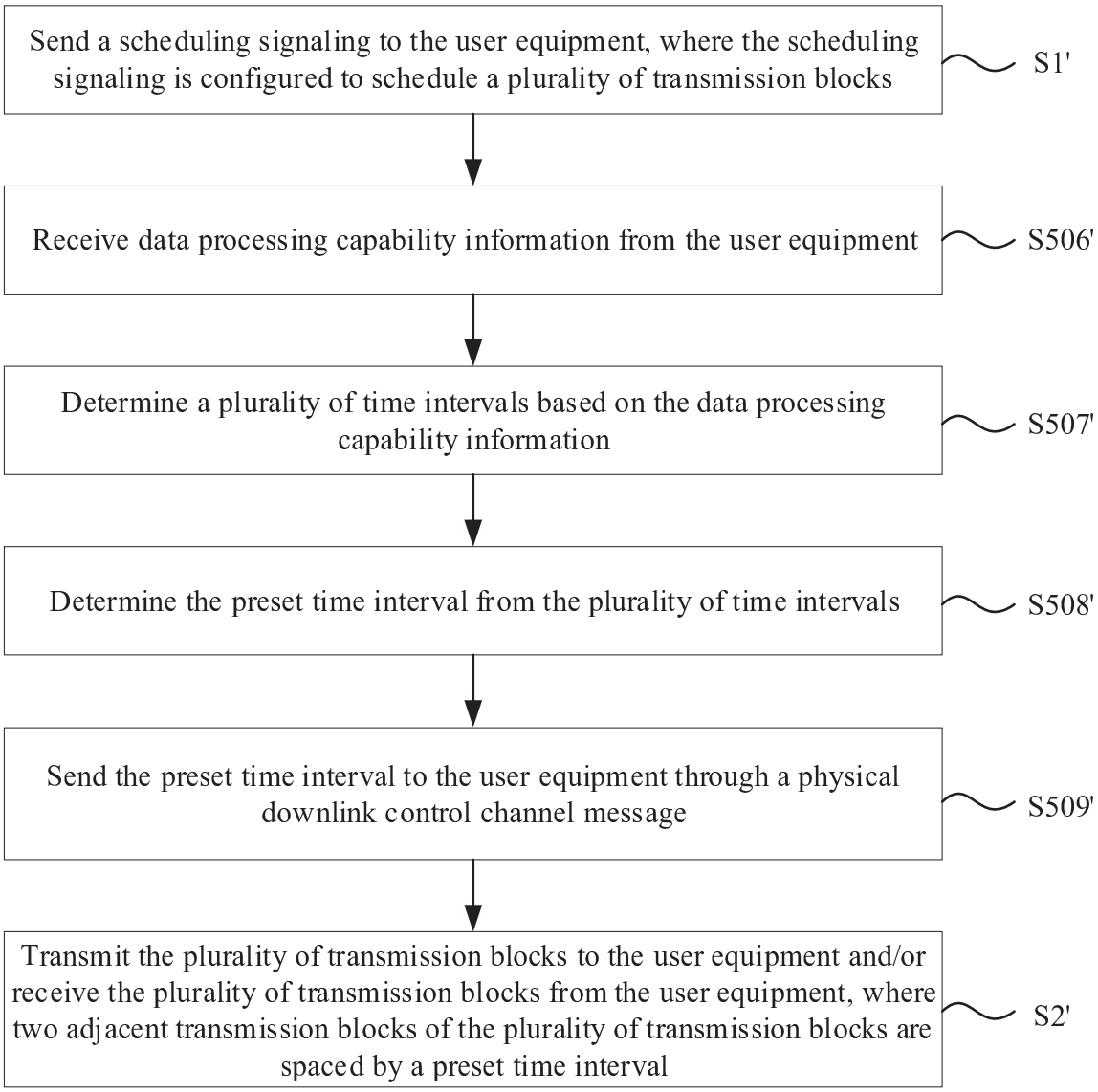
Send a scheduling signaling to the user equipment, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1'
Receive data processing capability information from the user equipment
S506'
Determine a plurality of time intervals based on the data processing capability information
S507'
Determine the preset time interval from the plurality of time intervals
S508'
Send the preset time interval to the user equipment through a physical downlink control channel message
S509'
Transmit the plurality of transmission blocks to the user equipment and/or receive the plurality of transmission blocks from the user equipment, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2'

FIG. 18

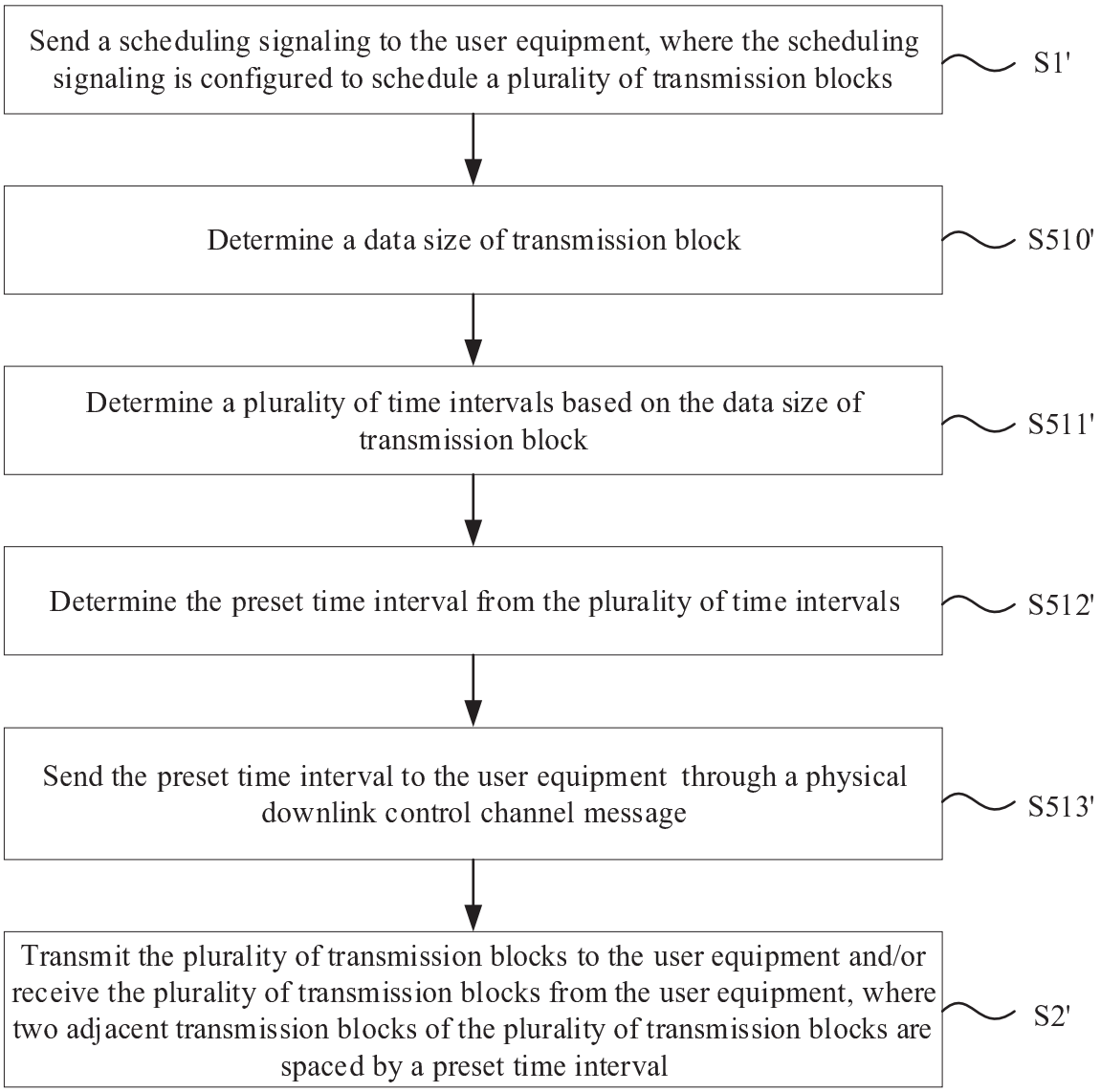
Send a scheduling signaling to the user equipment, where the scheduling signaling is configured to schedule a plurality of transmission blocks
S1'
Determine a data size of transmission block
S510'
Determine a plurality of time intervals based on the data size of transmission block
S511'
Determine the preset time interval from the plurality of time intervals
S512'
Send the preset time interval to the user equipment through a physical downlink control channel message
S513'
Transmit the plurality of transmission blocks to the user equipment and/or receive the plurality of transmission blocks from the user equipment, where two adjacent transmission blocks of the plurality of transmission blocks are spaced by a preset time interval
S2'

FIG. 19

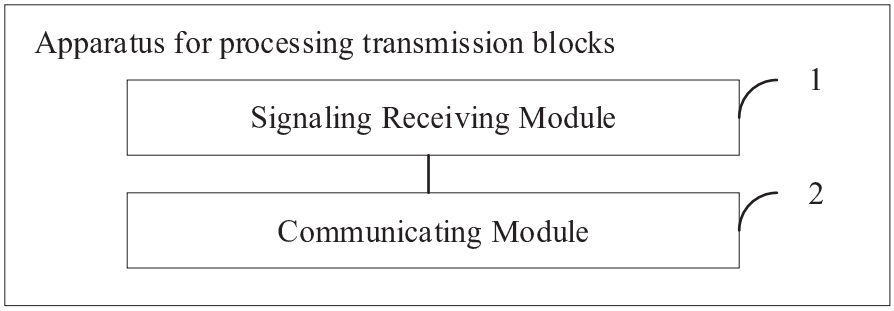
Apparatus for processing transmission blocks
Signaling Receiving Module
1
Communicating Module
2

FIG. 20

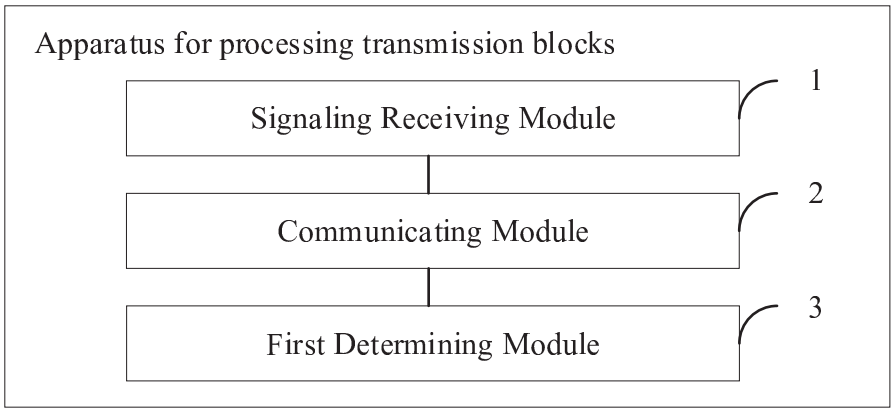

FIG. 21

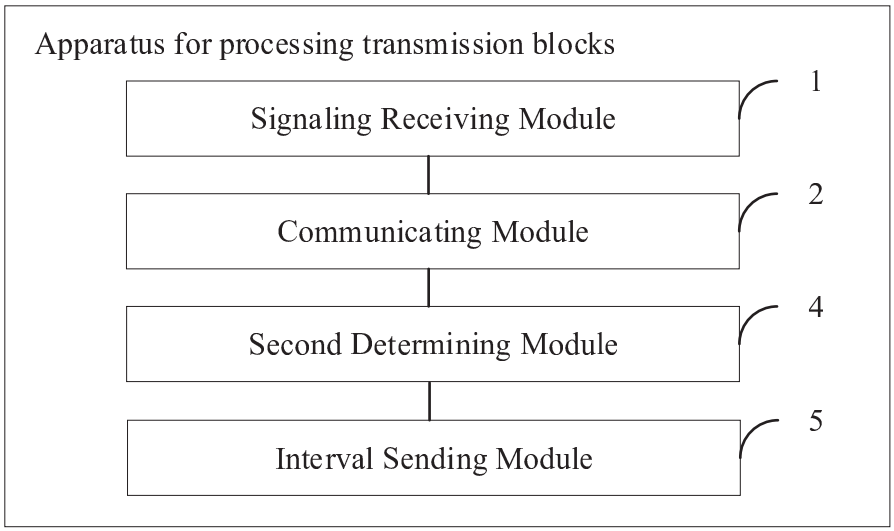

FIG. 22

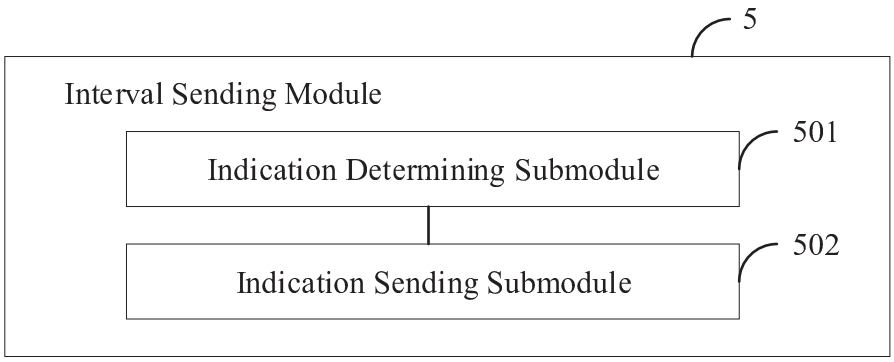

FIG. 23

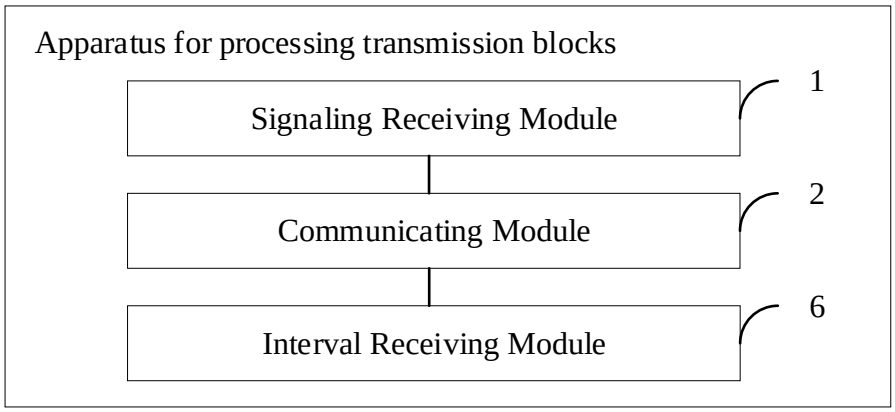

FIG. 24

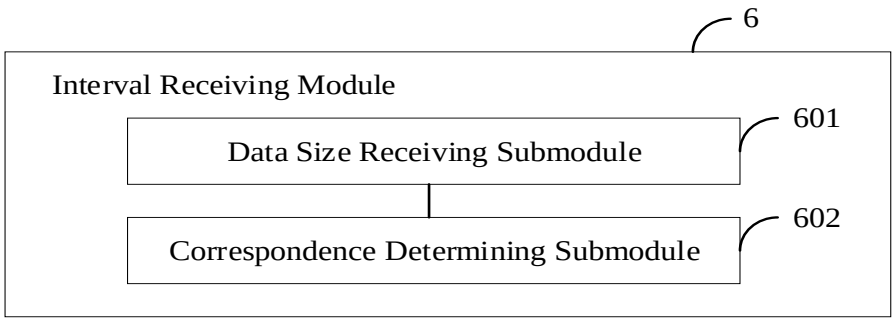

FIG. 25

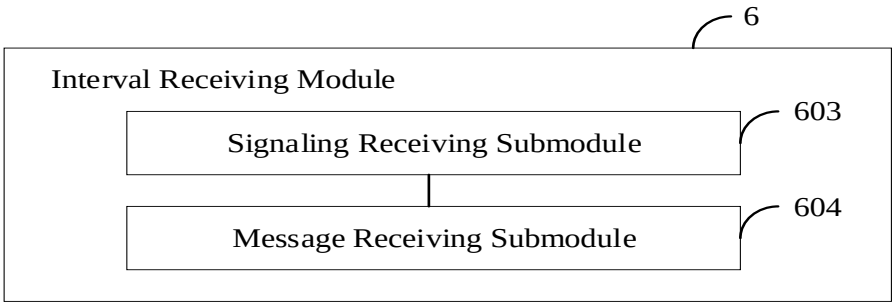

FIG. 26

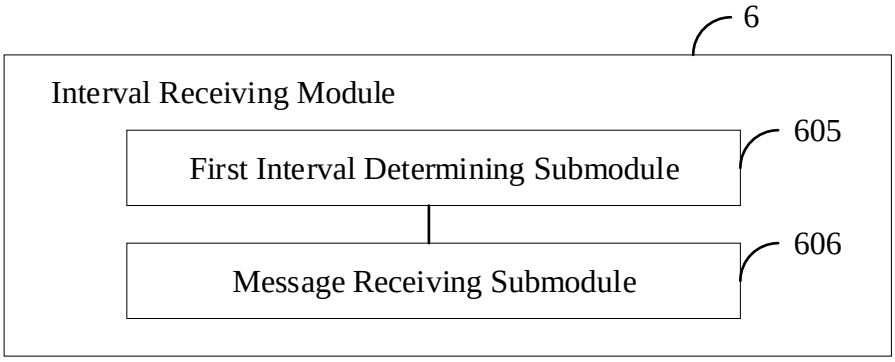

FIG. 27

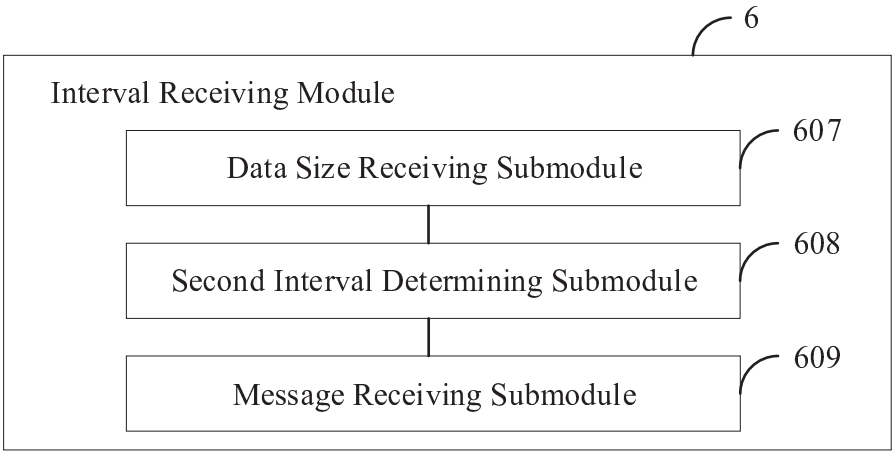

FIG. 28

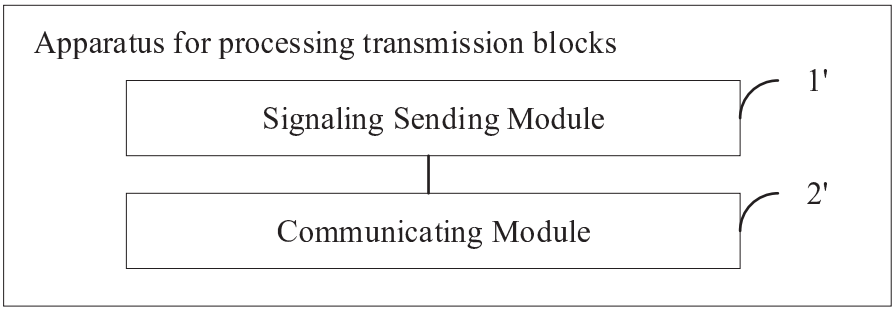

FIG. 29

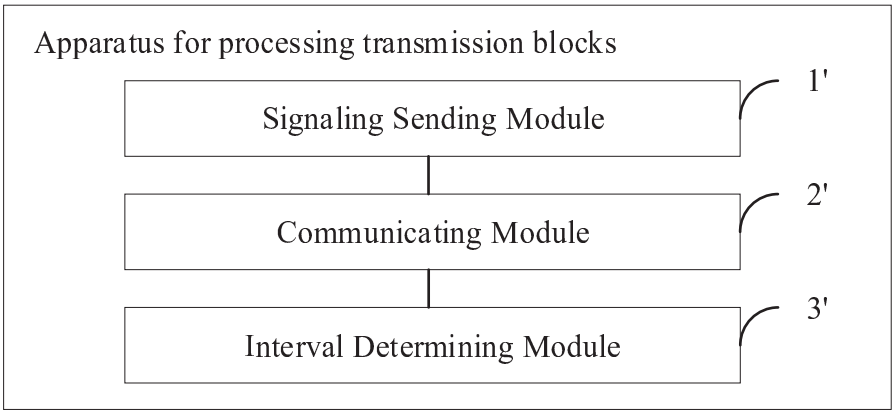

FIG. 30

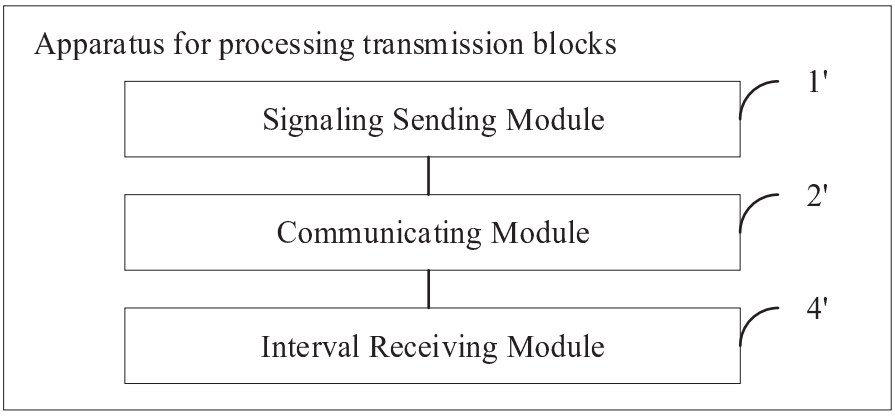

FIG. 31

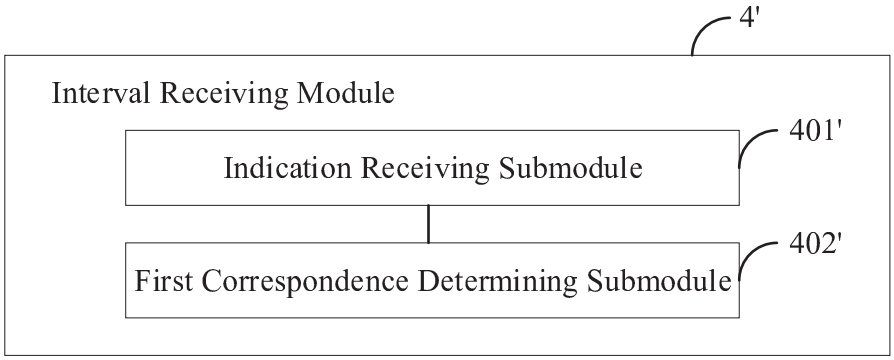

FIG. 32

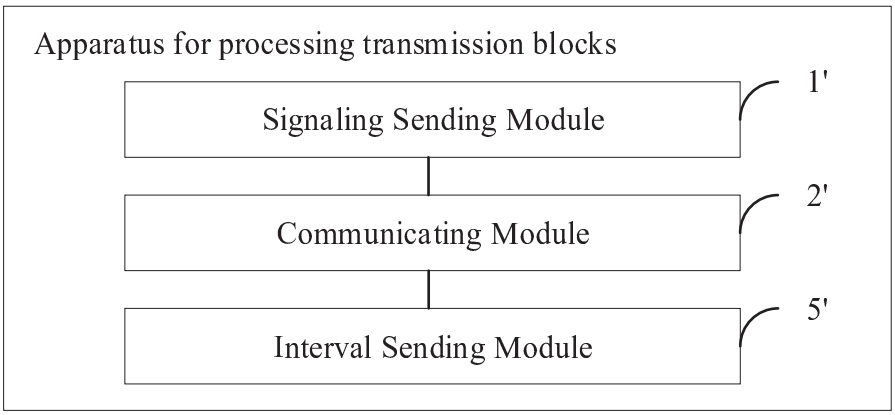

FIG. 33

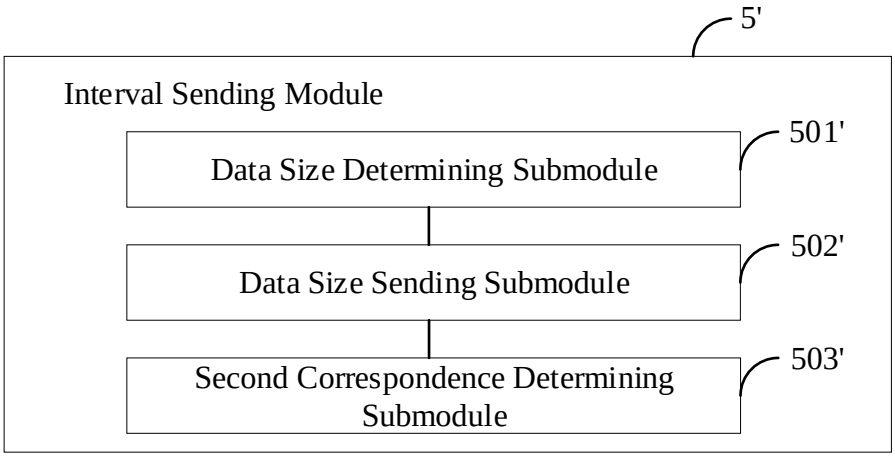

FIG. 34

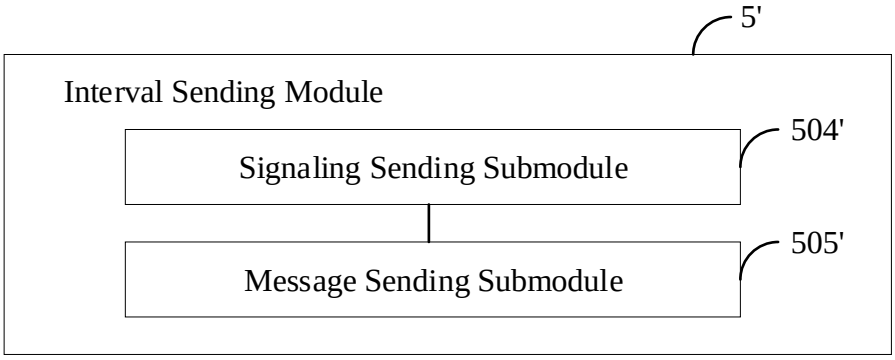

FIG. 35

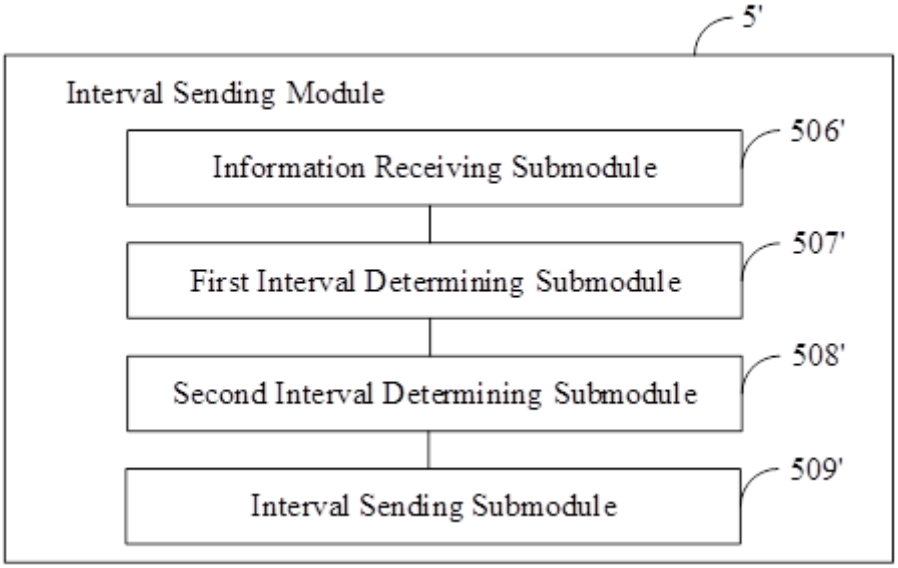

FIG. 36

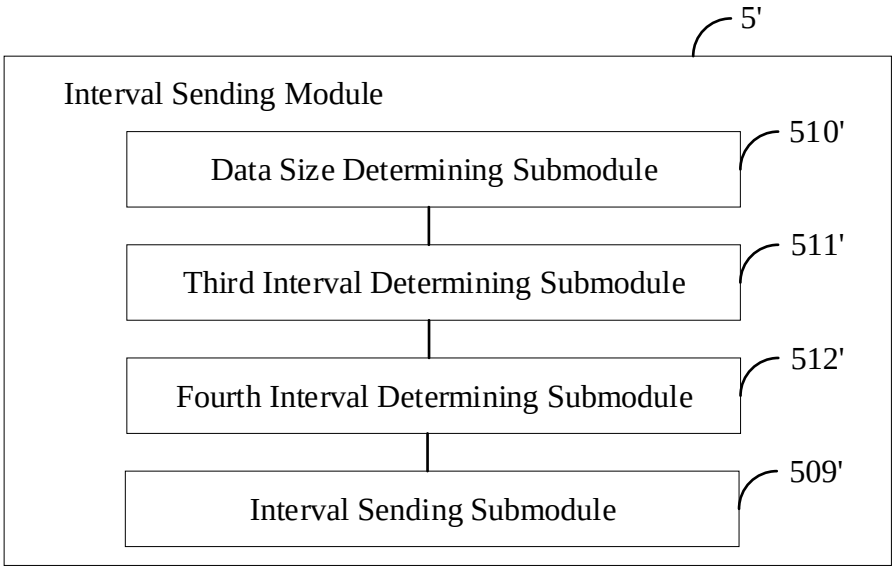
5'
Interval Sending Module
Data Size Determining Submodule
510'
Third Interval Determining Submodule
511'
Fourth Interval Determining Submodule
512'
Interval Sending Submodule
509'

FIG. 37

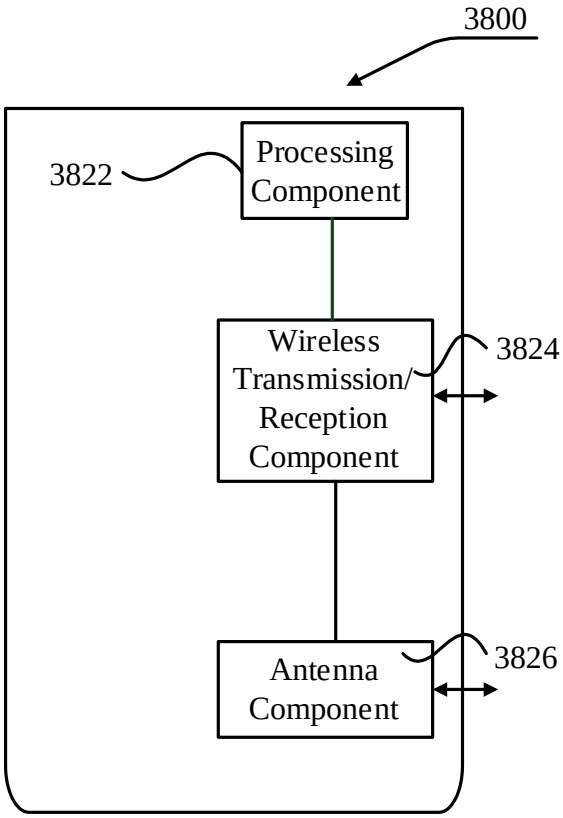
3800
3822
Processing Component
Wireless Transmission/ Reception Component
3824
Antenna Component
3826

FIG. 38

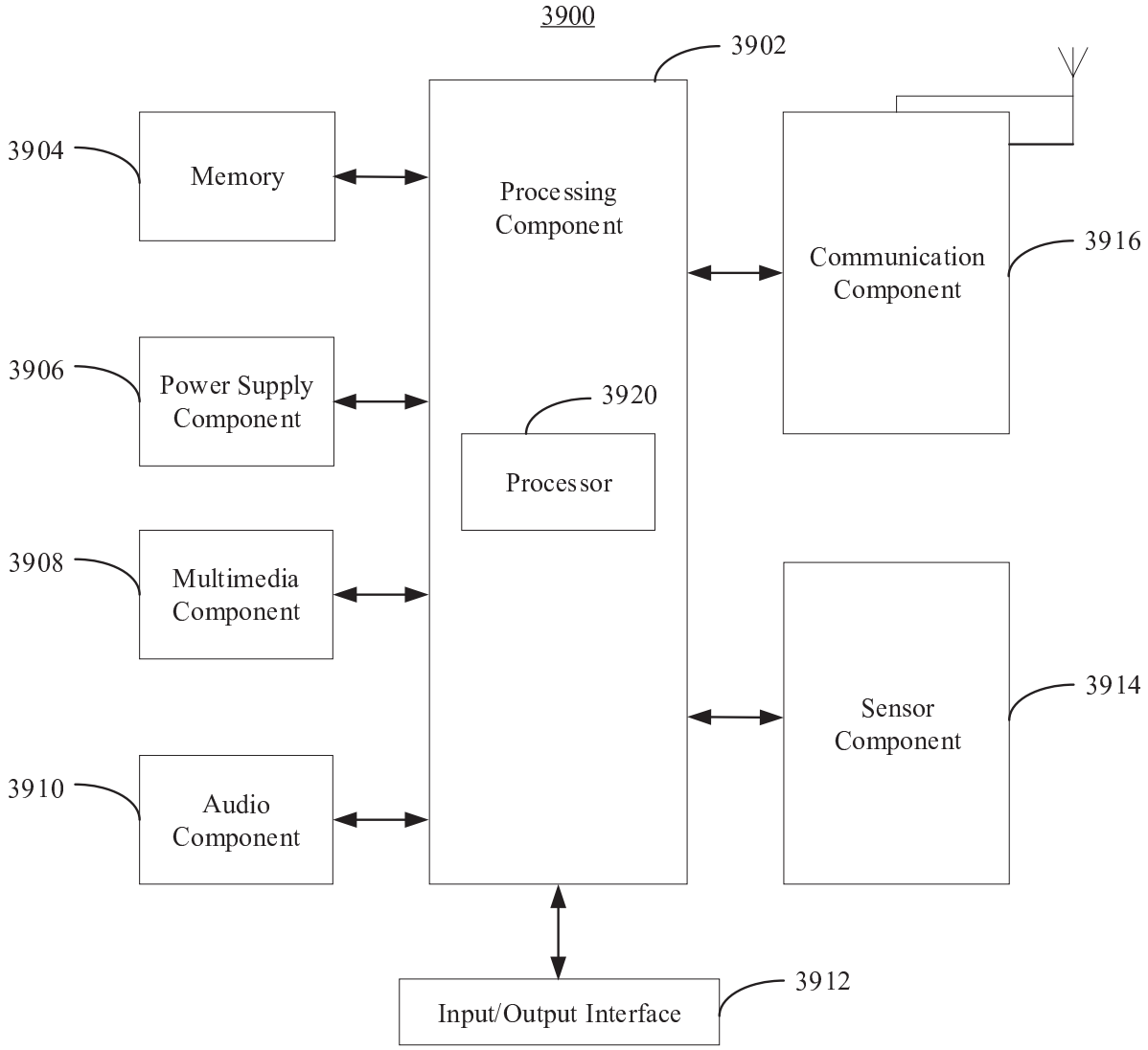
3900
3902
3904
Memory
Processing Component
Communication Component
3916
3906
Power Supply Component
3920
Processor
3908
Multimedia Component
3914
Sensor Component
3910
Audio Component
Input/Output Interface
3912

FIG. 39