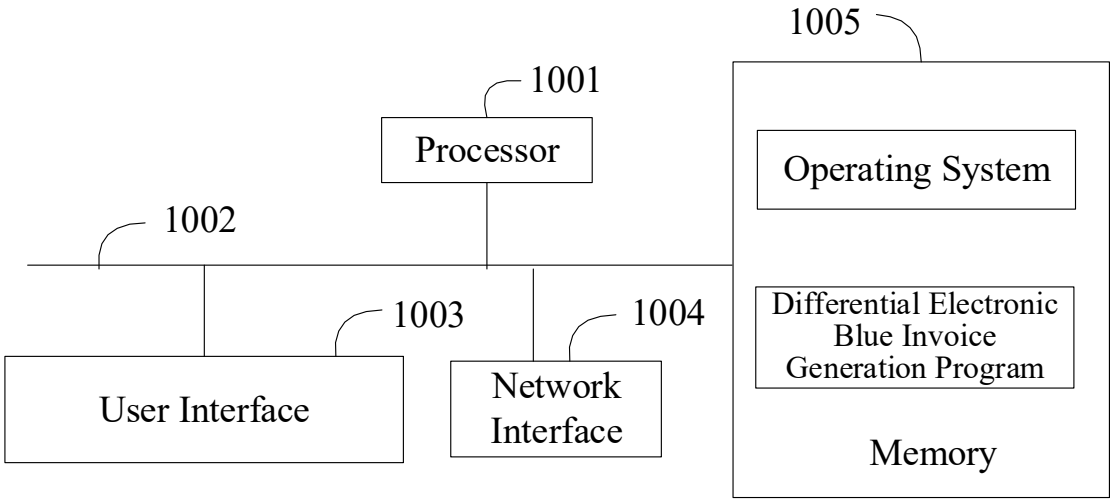

1005
1001
Processor
Operating System
1002
1003
1004
Differential Electronic Blue Invoice Generation Program
User Interface
Network Interface
Memory

FIG. 1

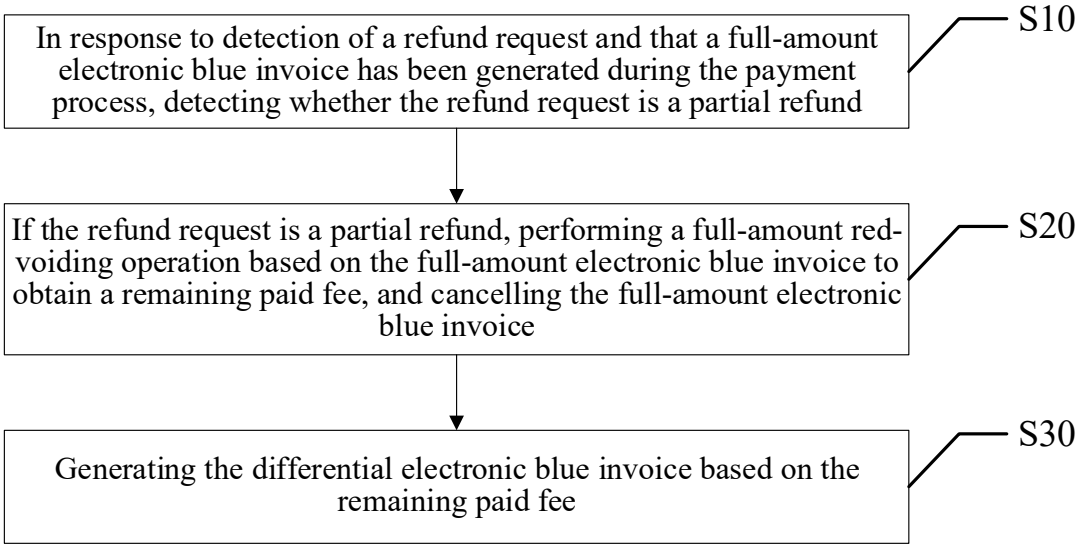

In response to detection of a refund request and that a full-amount electronic blue invoice has been generated during the payment process, detecting whether the refund request is a partial refund
S10
If the refund request is a partial refund, performing a full-amount red-voiding operation based on the full-amount electronic blue invoice to obtain a remaining paid fee, and cancelling the full-amount electronic blue invoice
S20
Generating the differential electronic blue invoice based on the remaining paid fee
S30

FIG. 2

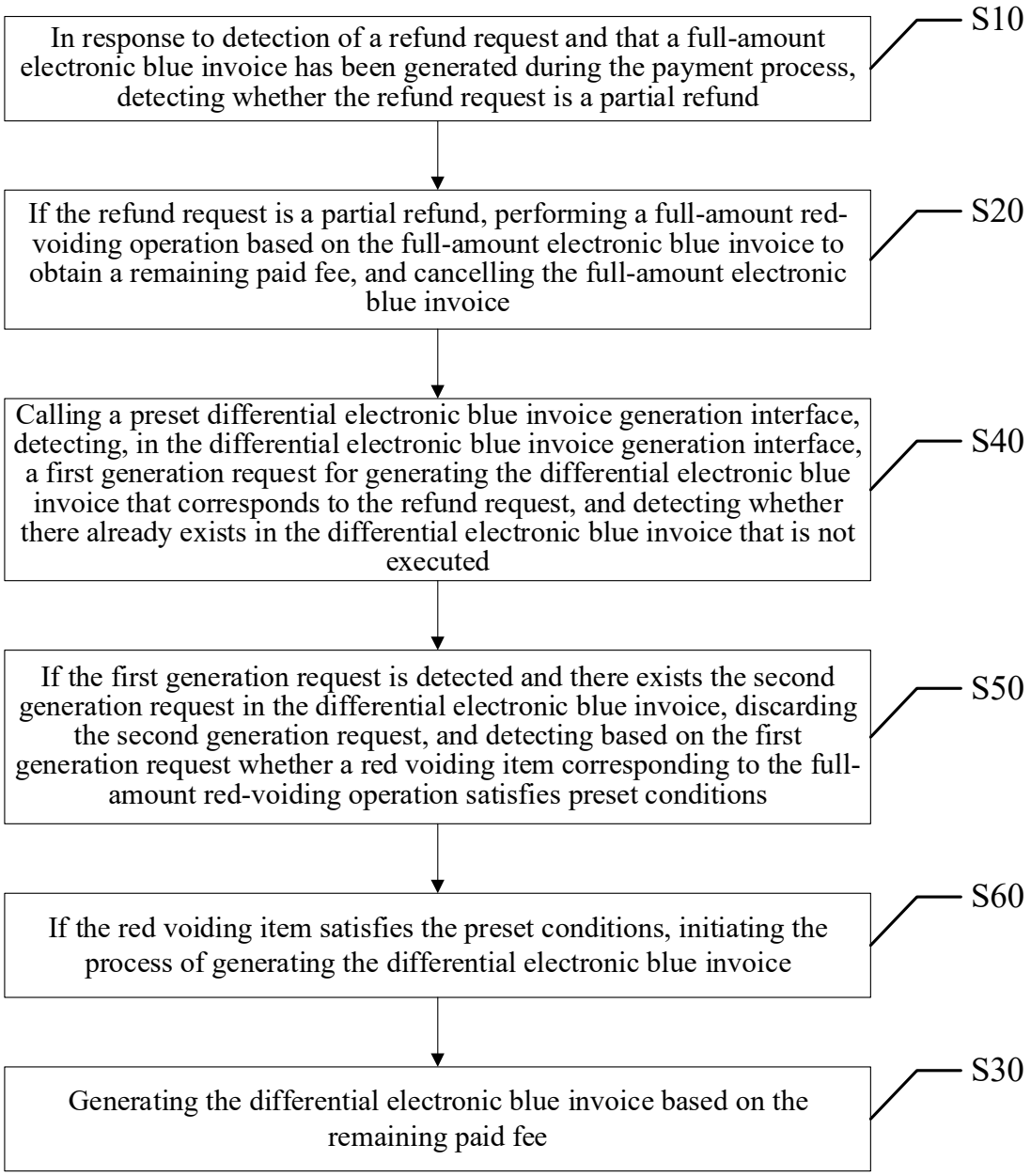

In response to detection of a refund request and that a full-amount electronic blue invoice has been generated during the payment process, detecting whether the refund request is a partial refund
S10
If the refund request is a partial refund, performing a full-amount red-voiding operation based on the full-amount electronic blue invoice to obtain a remaining paid fee, and cancelling the full-amount electronic blue invoice
S20
Calling a preset differential electronic blue invoice generation interface, detecting, in the differential electronic blue invoice generation interface, a first generation request for generating the differential electronic blue invoice that corresponds to the refund request, and detecting whether there already exists in the differential electronic blue invoice that is not executed
S40
If the first generation request is detected and there exists the second generation request in the differential electronic blue invoice, discarding the second generation request, and detecting based on the first generation request whether a red voiding item corresponding to the full-amount red-voiding operation satisfies preset conditions
S50
If the red voiding item satisfies the preset conditions, initiating the process of generating the differential electronic blue invoice
S60
Generating the differential electronic blue invoice based on the remaining paid fee
S30

FIG. 3

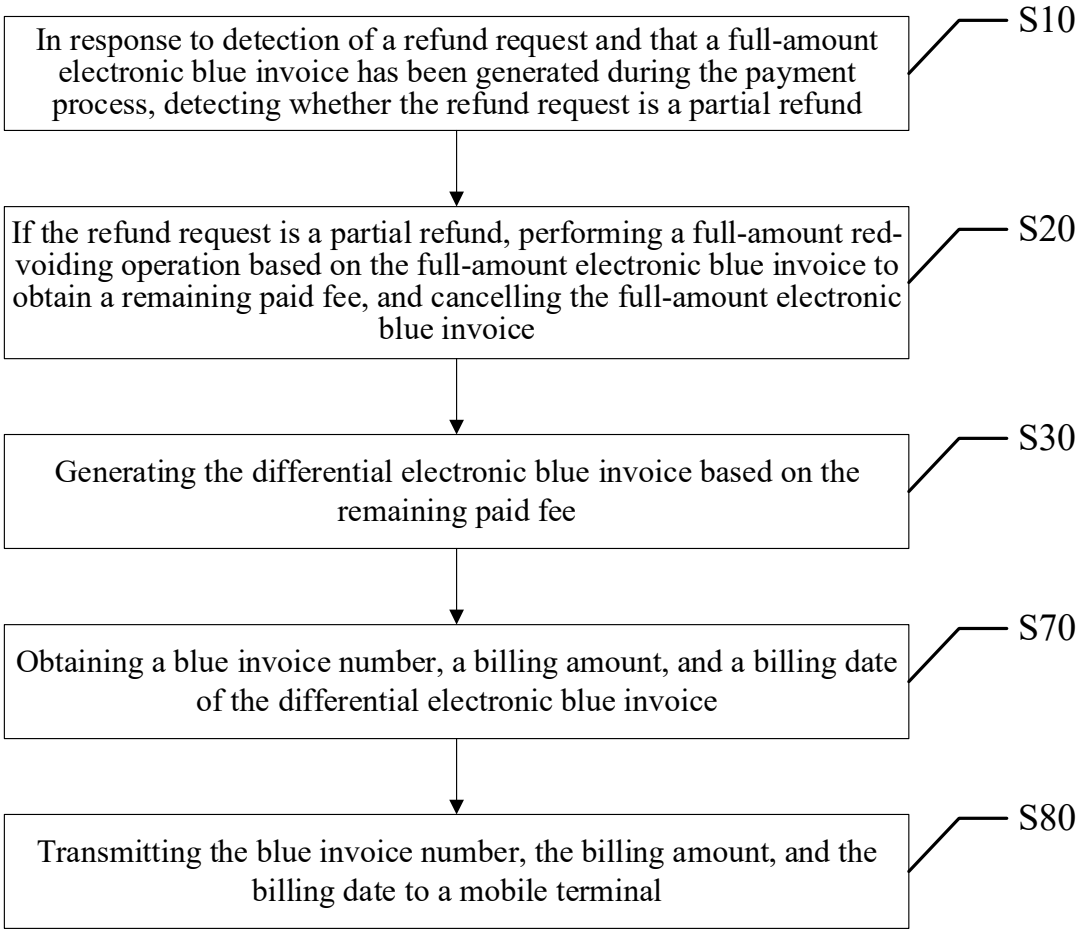

In response to detection of a refund request and that a full-amount electronic blue invoice has been generated during the payment process, detecting whether the refund request is a partial refund
S10
If the refund request is a partial refund, performing a full-amount red-voiding operation based on the full-amount electronic blue invoice to obtain a remaining paid fee, and cancelling the full-amount electronic blue invoice
S20
Generating the differential electronic blue invoice based on the remaining paid fee
S30
Obtaining a blue invoice number, a billing amount, and a billing date of the differential electronic blue invoice
S70
Transmitting the blue invoice number, the billing amount, and the billing date to a mobile terminal
S80

FIG. 4