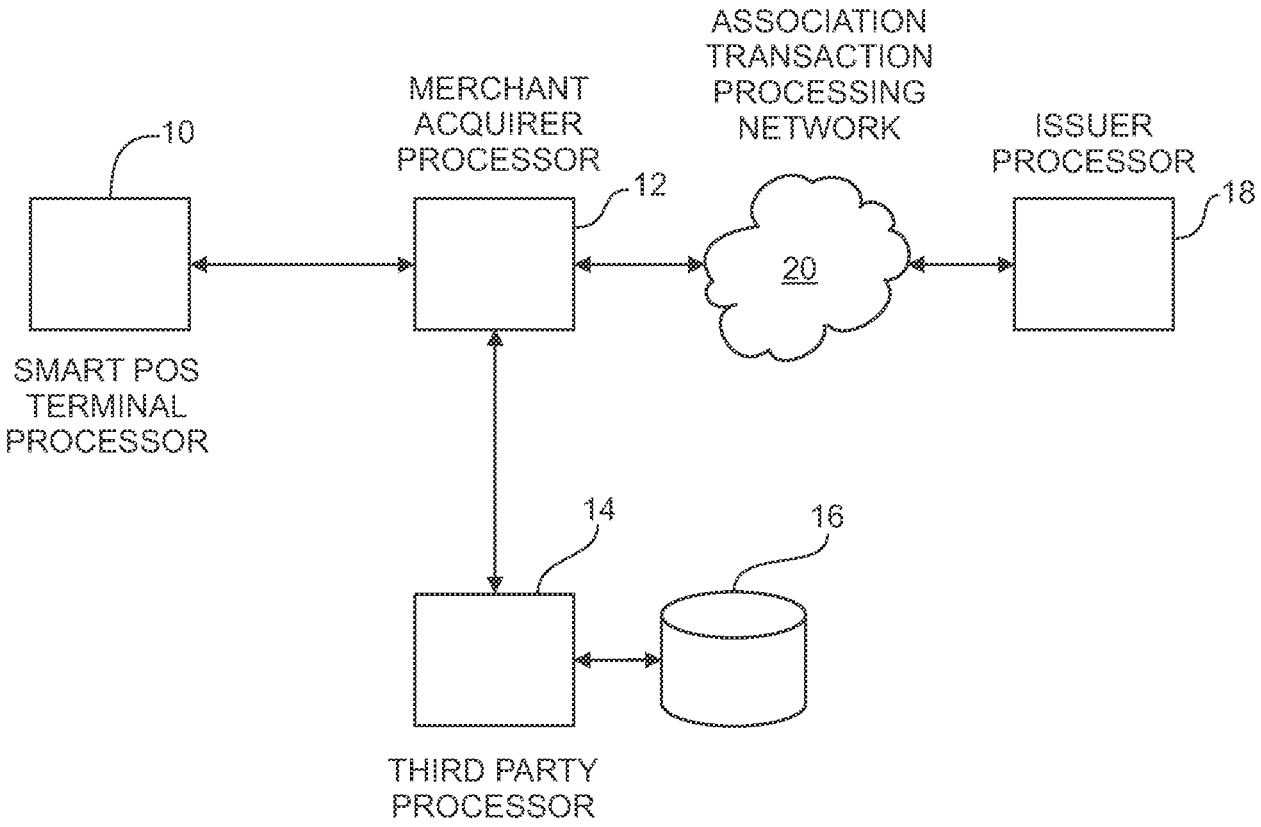

ASSOCIATION
TRANSACTION
PROCESSING
NETWORK
MERCHANT
ACQUIRER
PROCESSOR
ISSUER
PROCESSOR
10
12
18
20
SMART POS
TERMINAL
PROCESSOR
14
16
THIRD PARTY
PROCESSOR

Fig. 1

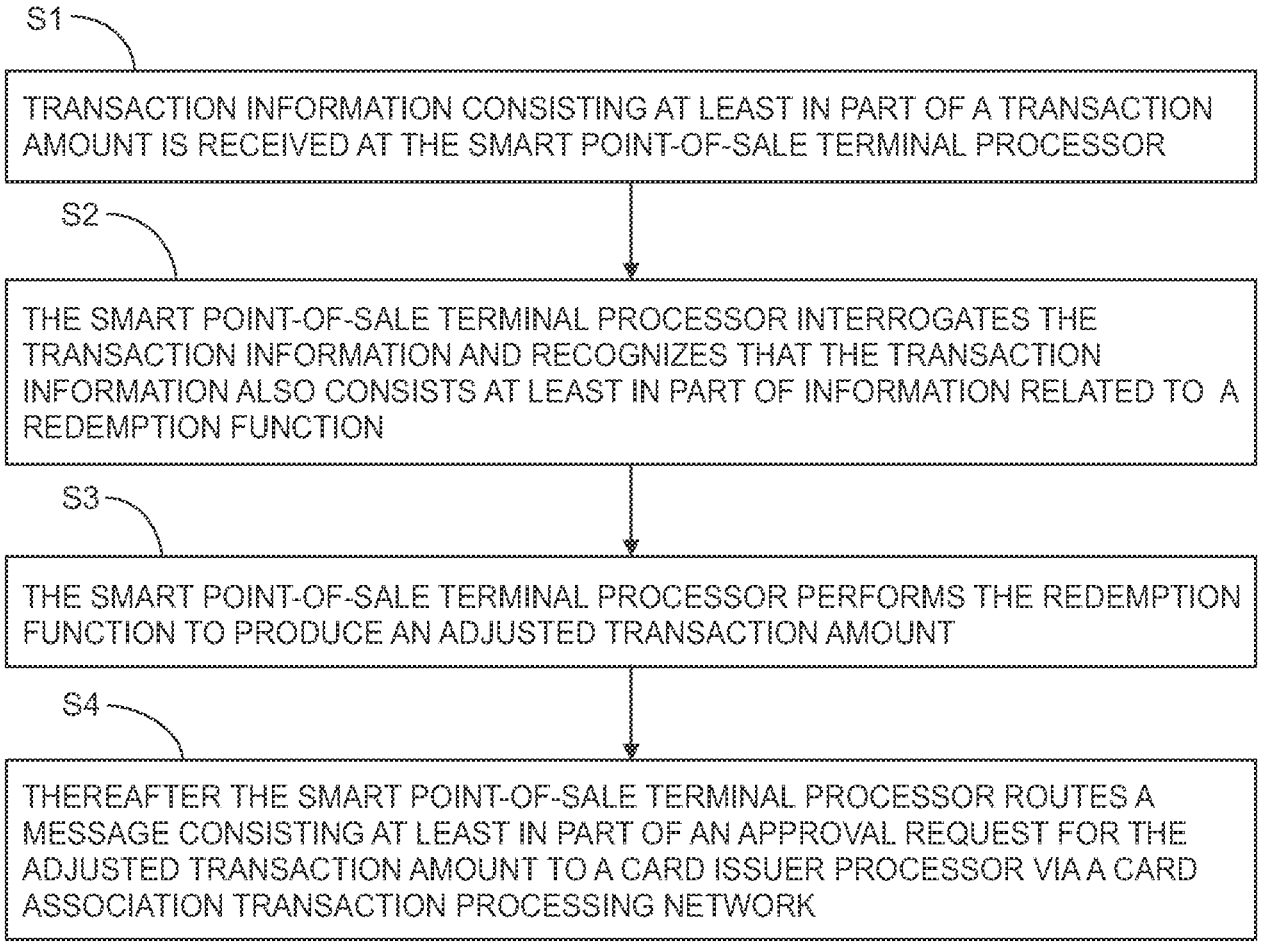

S1
TRANSACTION INFORMATION CONSISTING AT LEAST IN PART OF A TRANSACTION AMOUNT IS RECEIVED AT THE SMART POINT-OF-SALE TERMINAL PROCESSOR
S2
THE SMART POINT-OF-SALE TERMINAL PROCESSOR INTERROGATES THE TRANSACTION INFORMATION AND RECOGNIZES THAT THE TRANSACTION INFORMATION ALSO CONSISTS AT LEAST IN PART OF INFORMATION RELATED TO A REDEMPTION FUNCTION
S3
THE SMART POINT-OF-SALE TERMINAL PROCESSOR PERFORMS THE REDEMPTION FUNCTION TO PRODUCE AN ADJUSTED TRANSACTION AMOUNT
S4
THEREAFTER THE SMART POINT-OF-SALE TERMINAL PROCESSOR ROUTES A MESSAGE CONSISTING AT LEAST IN PART OF AN APPROVAL REQUEST FOR THE ADJUSTED TRANSACTION AMOUNT TO A CARD ISSUER PROCESSOR VIA A CARD ASSOCIATION TRANSACTION PROCESSING NETWORK

Fig. 2

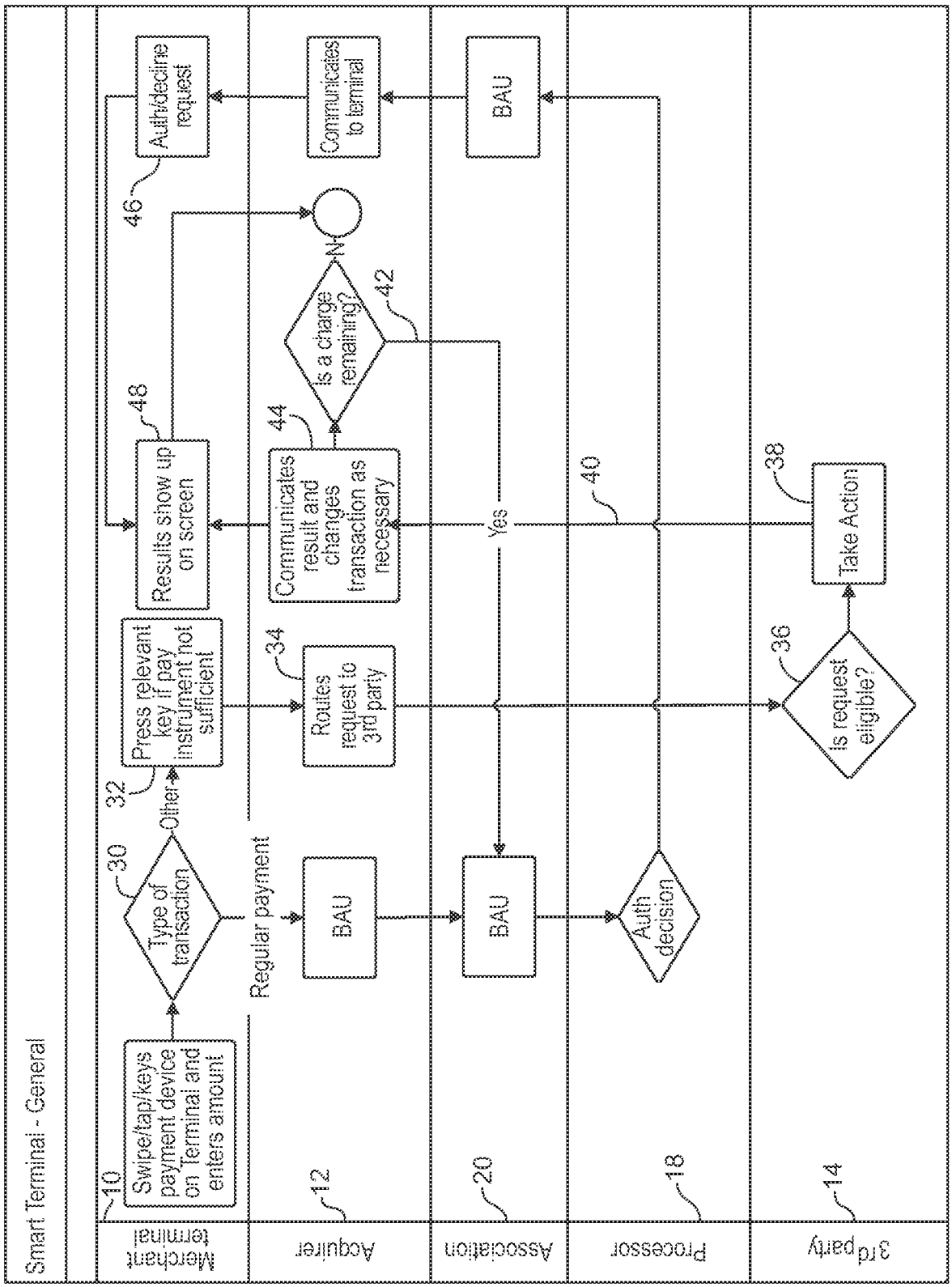

Smart Terminal - General
Merchant terminal
Acquirer
Association
Processor
3rd party
10
Swipe/tap/keys payment device on Terminal and enters amount
30
Type of transaction
Other
32
Press relevant key if pay instrument not sufficient
Regular payment
12
BAU
34
Routes request to 3rd party
20
BAU
18
Auth decision
36
Is request eligible?
Yes
40
38
Take Action
Communicates result and changes transaction as necessary
44
Is a charge remaining?
42
N
48
Results show up on screen
46
Auth/decline request
Communicates to terminal
BAU

Fig. 3

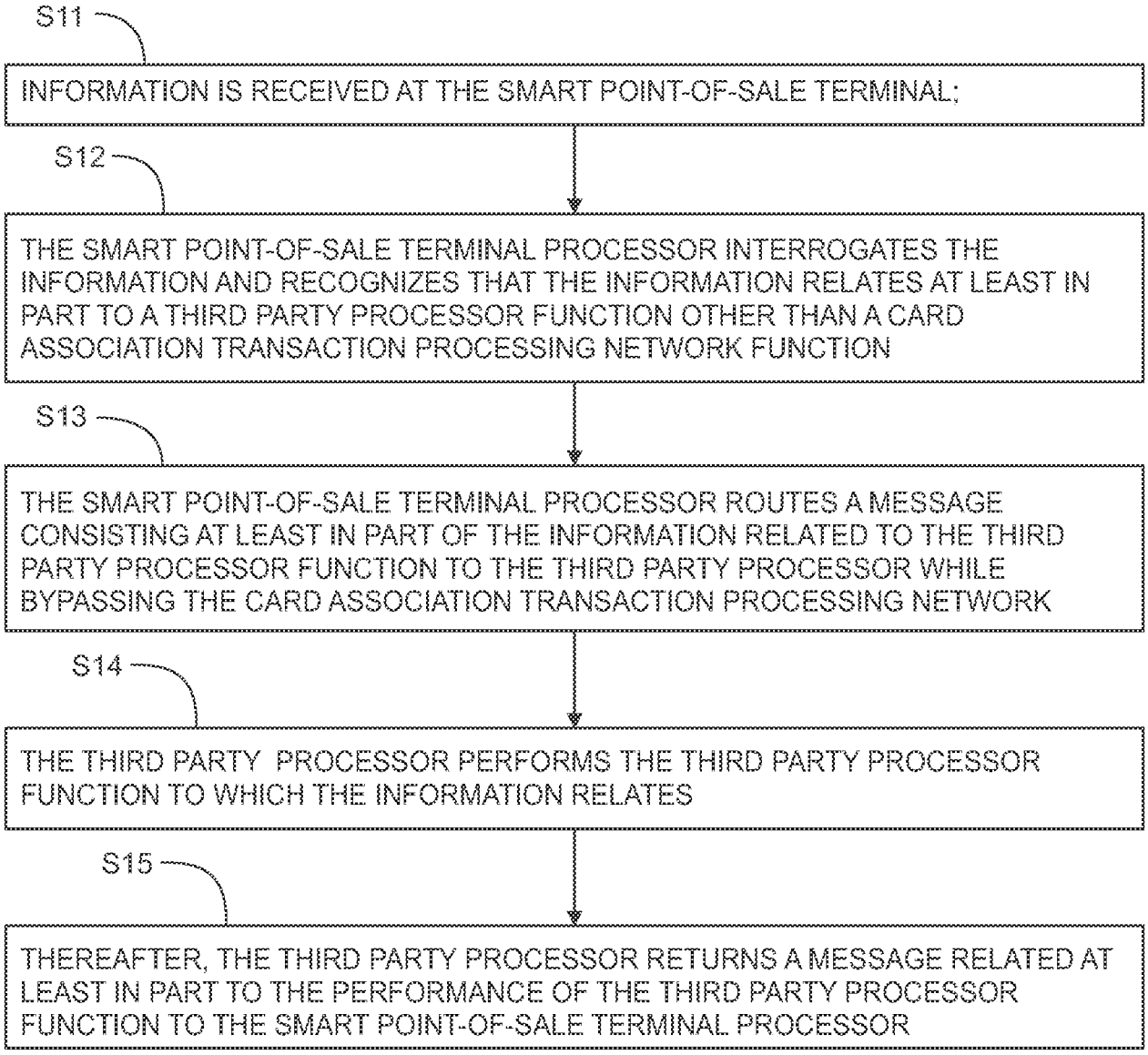

S11
INFORMATION IS RECEIVED AT THE SMART POINT-OF-SALE TERMINAL;
S12
THE SMART POINT-OF-SALE TERMINAL PROCESSOR INTERROGATES THE INFORMATION AND RECOGNIZES THAT THE INFORMATION RELATES AT LEAST IN PART TO A THIRD PARTY PROCESSOR FUNCTION OTHER THAN A CARD ASSOCIATION TRANSACTION PROCESSING NETWORK FUNCTION
S13
THE SMART POINT-OF-SALE TERMINAL PROCESSOR ROUTES A MESSAGE CONSISTING AT LEAST IN PART OF THE INFORMATION RELATED TO THE THIRD PARTY PROCESSOR FUNCTION TO THE THIRD PARTY PROCESSOR WHILE BYPASSING THE CARD ASSOCIATION TRANSACTION PROCESSING NETWORK
S14
THE THIRD PARTY PROCESSOR PERFORMS THE THIRD PARTY PROCESSOR FUNCTION TO WHICH THE INFORMATION RELATES
S15
THEREAFTER, THE THIRD PARTY PROCESSOR RETURNS A MESSAGE RELATED AT LEAST IN PART TO THE PERFORMANCE OF THE THIRD PARTY PROCESSOR FUNCTION TO THE SMART POINT-OF-SALE TERMINAL PROCESSOR

Fig. 4

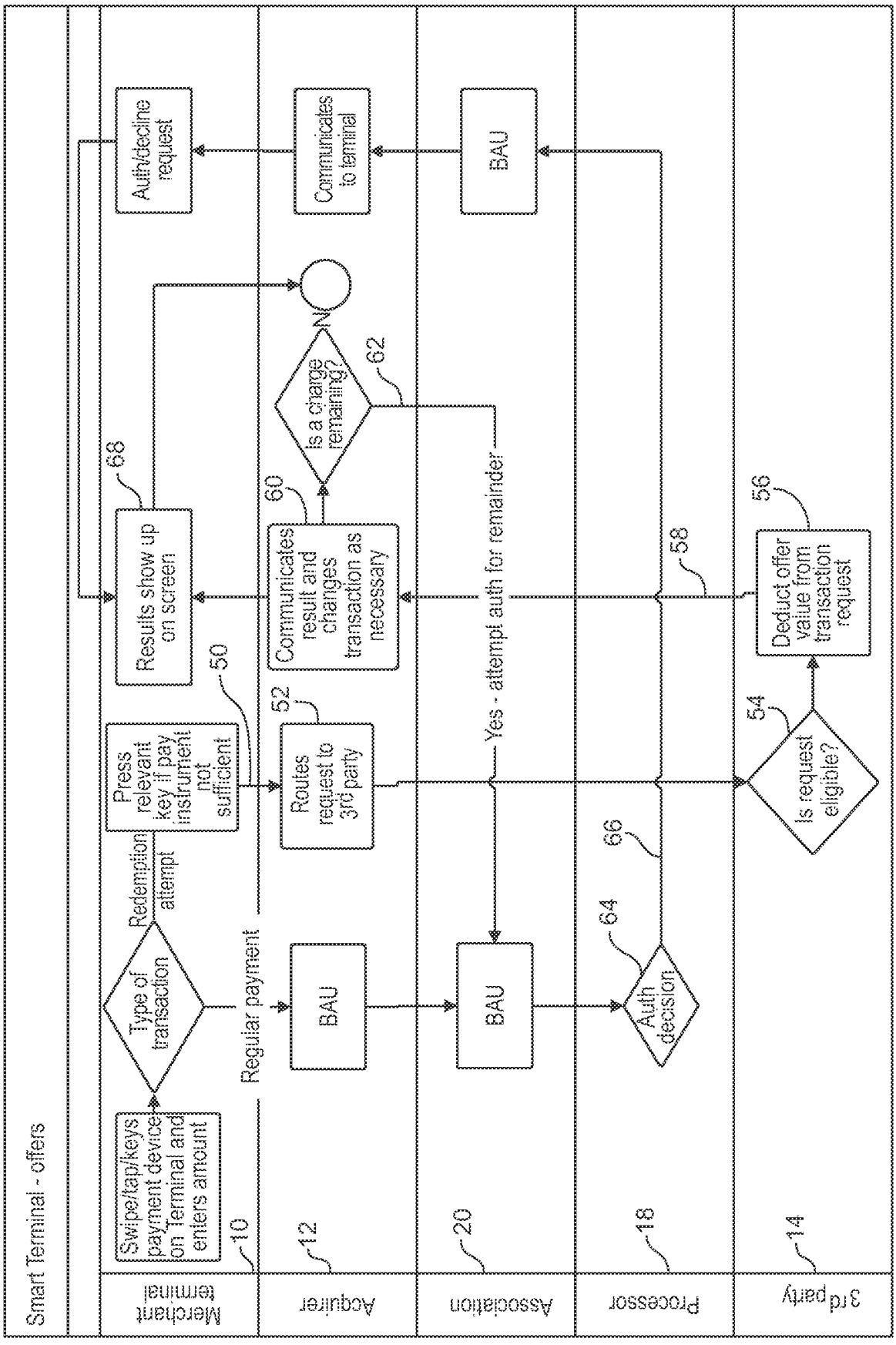

Smart Terminal - offers
Merchant terminal
Acquirer
Association
Processor
3rd party
Swipe/tap/keys payment device on Terminal and enters amount
10
Type of transaction
Redemption attempt
Regular payment
Press relevant key if pay instrument not sufficient
50
Results show up on screen
68
Auth/decline request
12
Routes request to 3rd party
52
BAU
20
Communicates result and changes transaction as necessary
60
Is a change remaining?
62
N
Yes - attempt auth for remainder
BAU
Communicates to terminal
18
Auth decision
64
66
58
14
Is request eligible?
54
Deduct offer value from transaction request
56

Fig. 5