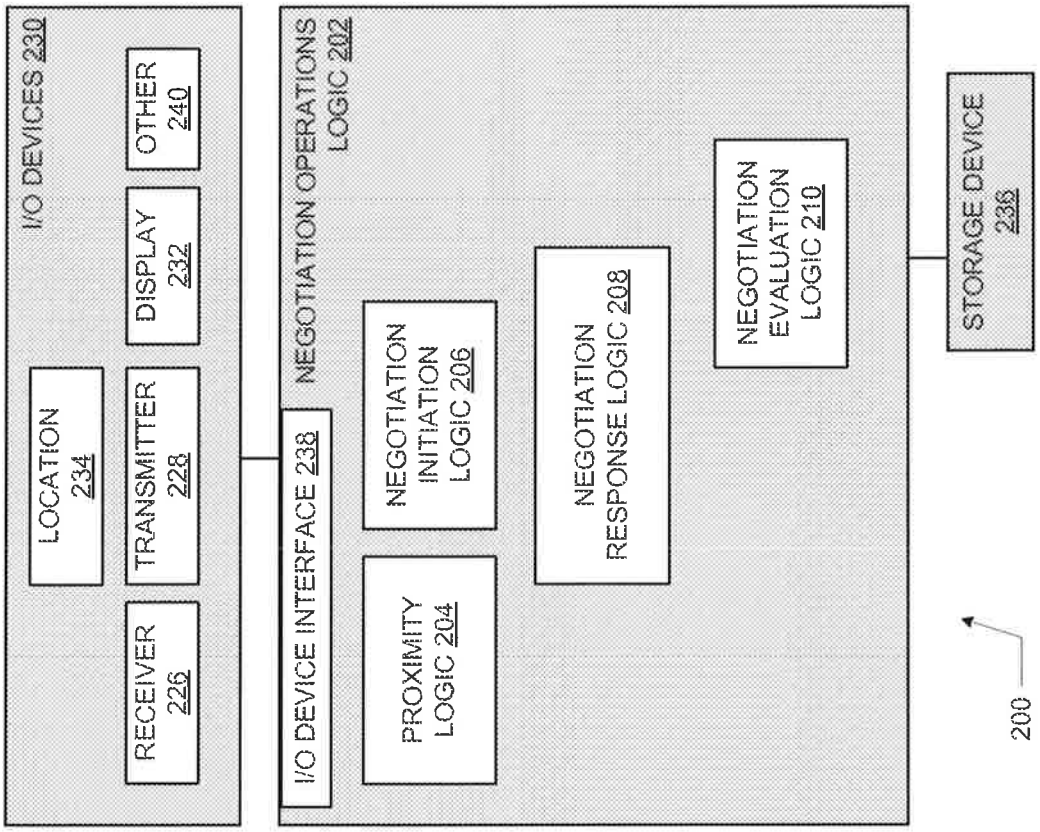

I/O DEVICES 230
LOCATION 234
TRANSMITTER 228
RECEIVER 226
DISPLAY 232
OTHER 240
I/O DEVICE INTERFACE 238
NEGOTIATION OPERATIONS LOGIC 202
PROXIMITY LOGIC 204
NEGOTIATION INITIATION LOGIC 206
NEGOTIATION RESPONSE LOGIC 208
NEGOTIATION EVALUATION LOGIC 210
STORAGE DEVICE 236
200

FIG. 2

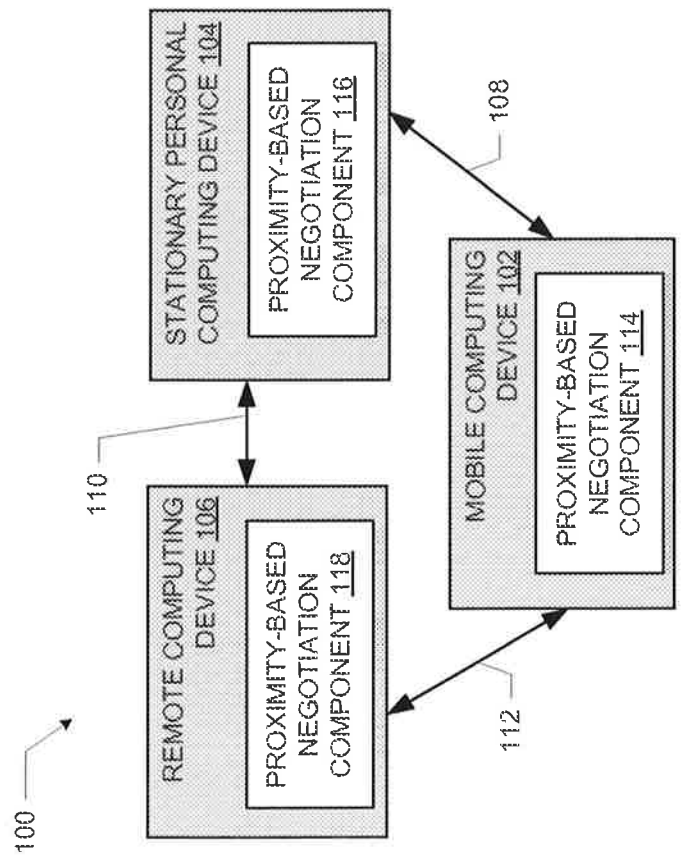

100
REMOTE COMPUTING DEVICE 106
PROXIMITY-BASED NEGOTIATION COMPONENT 118
STATIONARY PERSONAL COMPUTING DEVICE 104
PROXIMITY-BASED NEGOTIATION COMPONENT 116
MOBILE COMPUTING DEVICE 102
PROXIMITY-BASED NEGOTIATION COMPONENT 114
110
108
112

FIG. 1

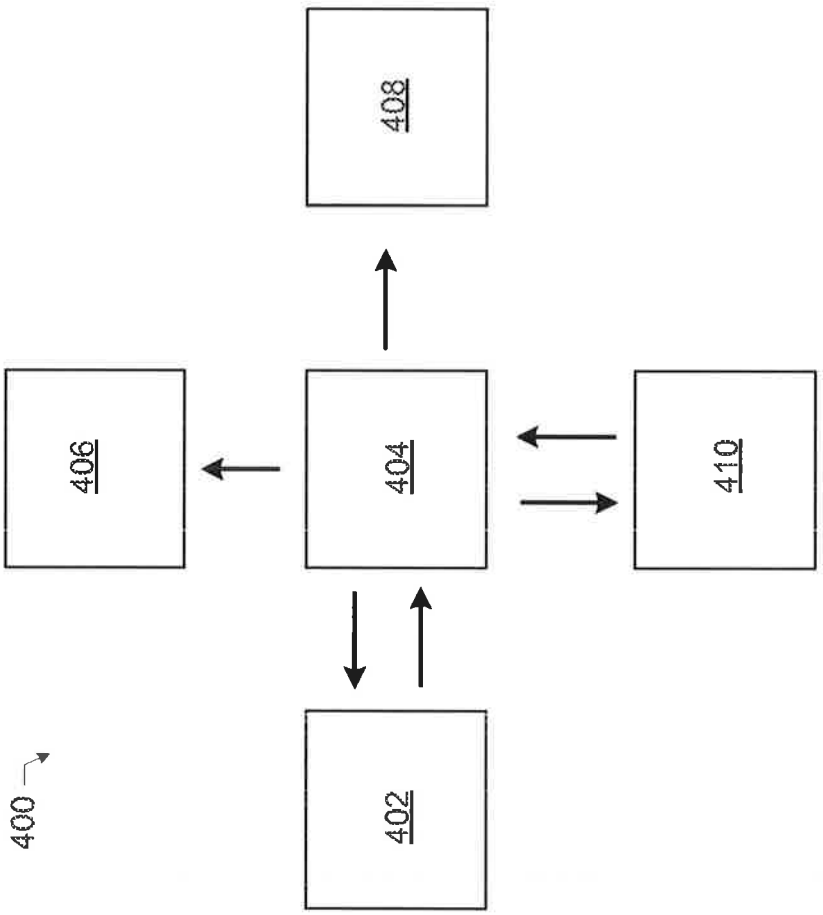


FIG. 4

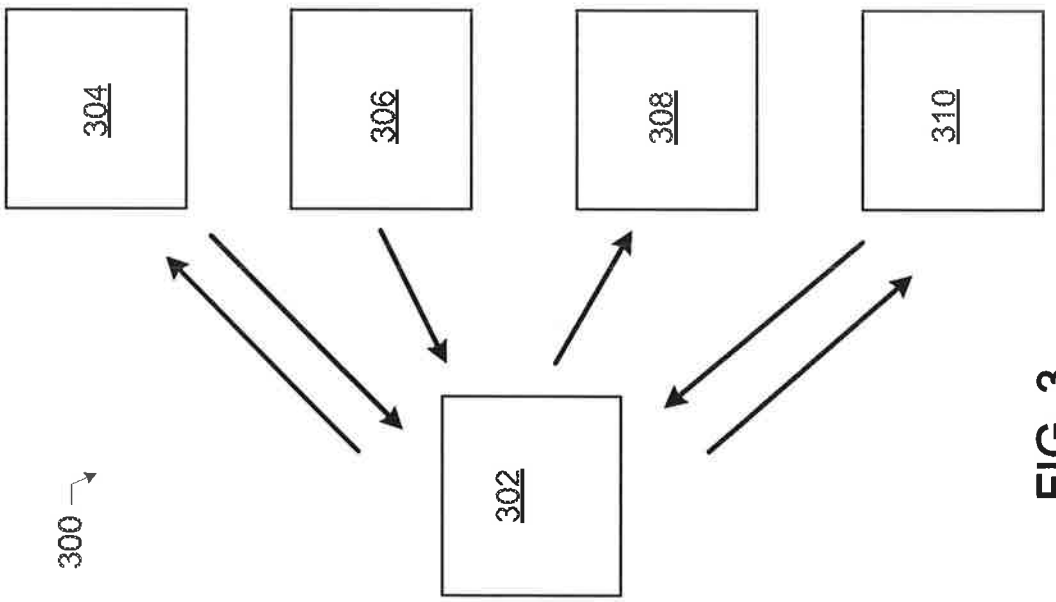


FIG. 3

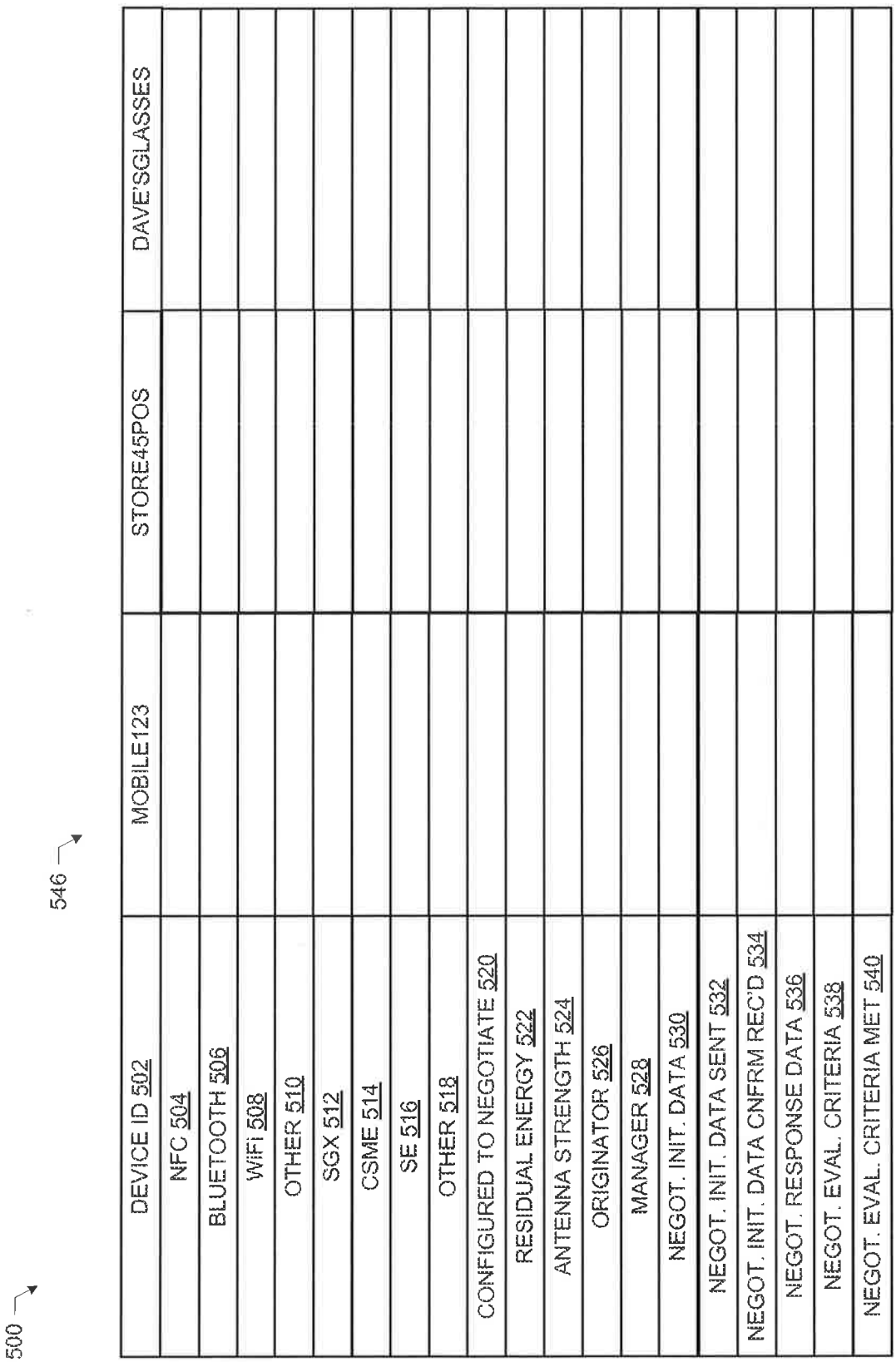

500
546
DEVICE ID 502
MOBILE123
STORE45POS
DAVE'SGLASSES
NFC 504
BLUETOOTH 506
WiFi 508
OTHER 510
SGX 512
CSME 514
SE 516
OTHER 518
CONFIGURED TO NEGOTIATE 520
RESIDUAL ENERGY 522
ANTENNA STRENGTH 524
ORIGINATOR 526
MANAGER 528
NEGOT. INIT. DATA 530
NEGOT. INIT. DATA SENT 532
NEGOT. INIT. DATA CNFRM REC'D 534
NEGOT. RESPONSE DATA 536
NEGOT. EVAL. CRITERIA 538
NEGOT. EVAL. CRITERIA MET 540

FIG. 5

FIG. 6

FIG. 7

FIG. 8

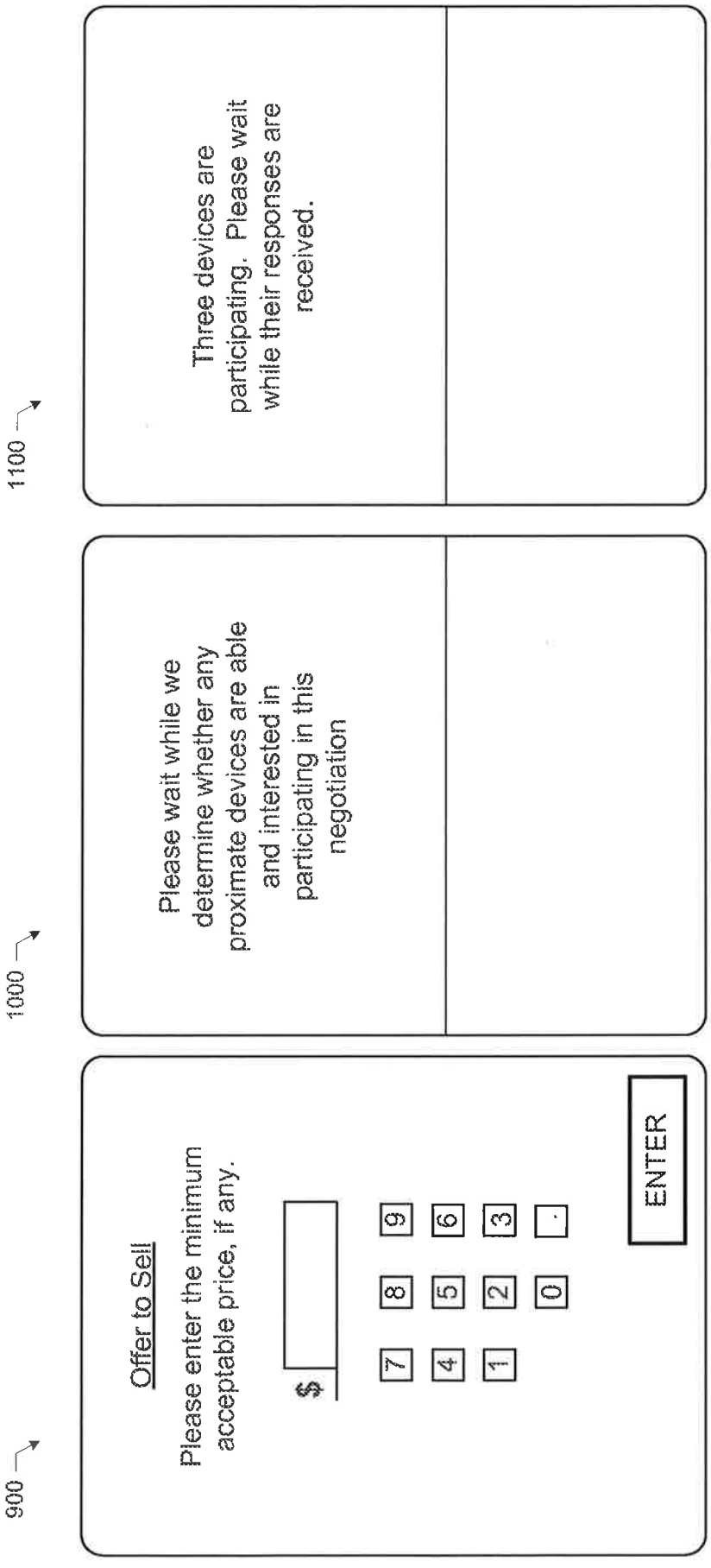


FIG. 9

FIG. 10

FIG. 11

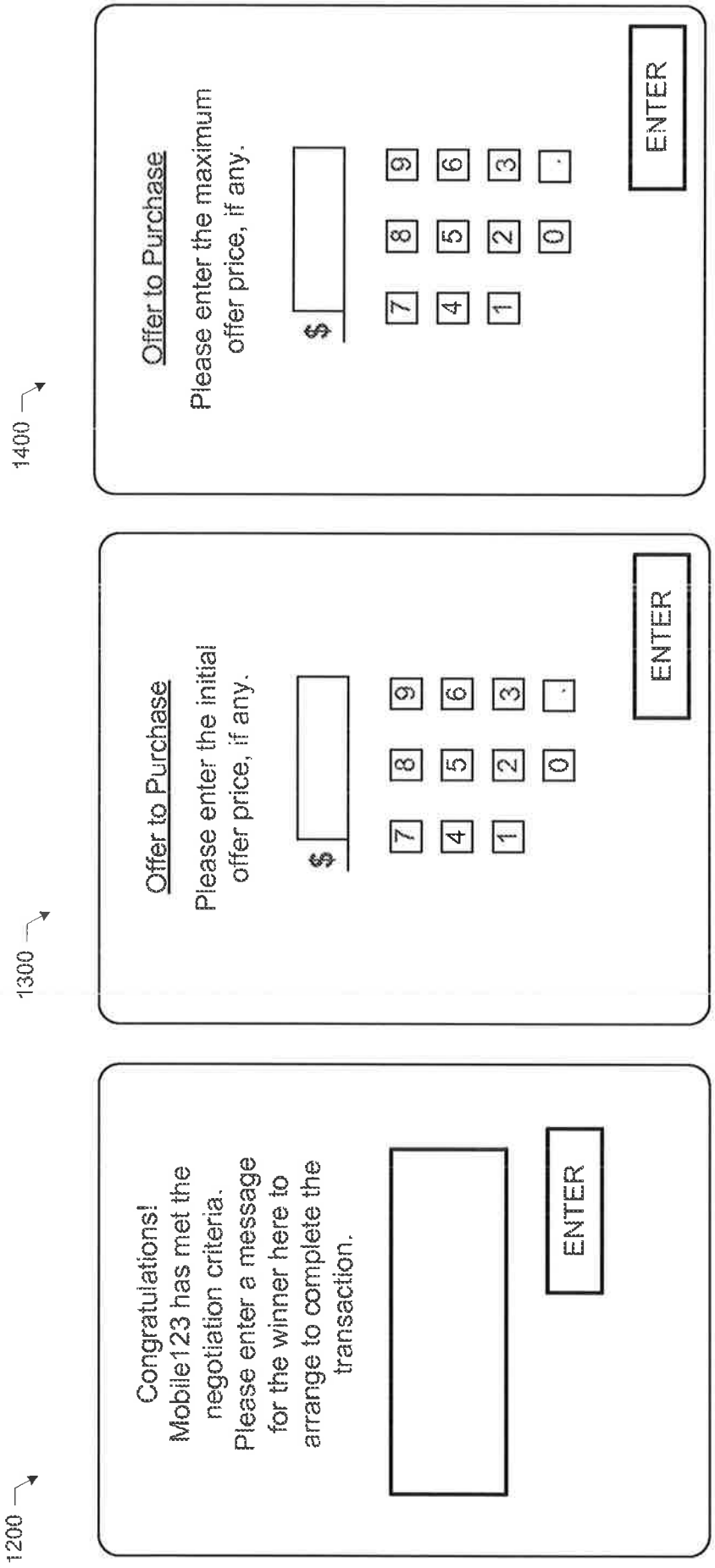


FIG. 12

FIG. 13

FIG. 14

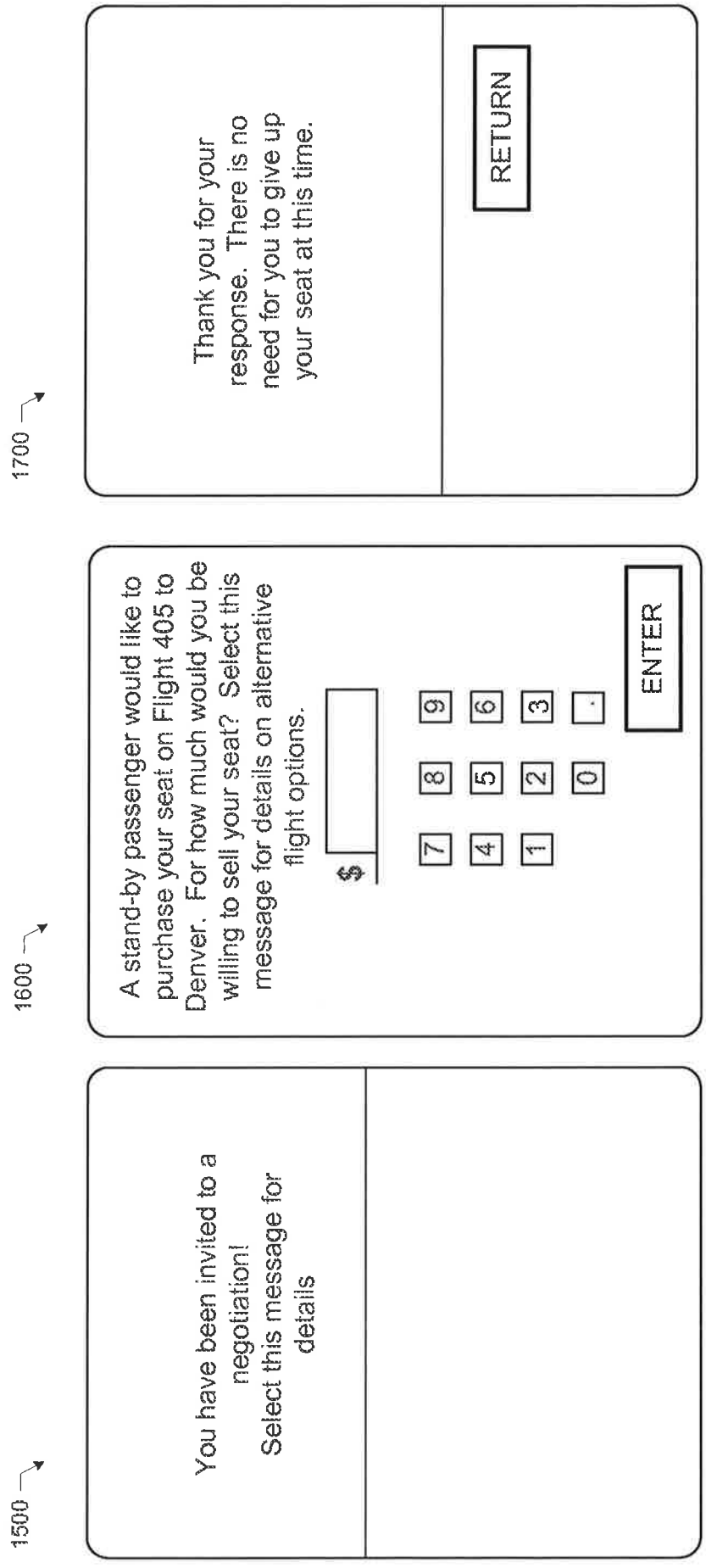


FIG. 15

FIG. 16

FIG. 17

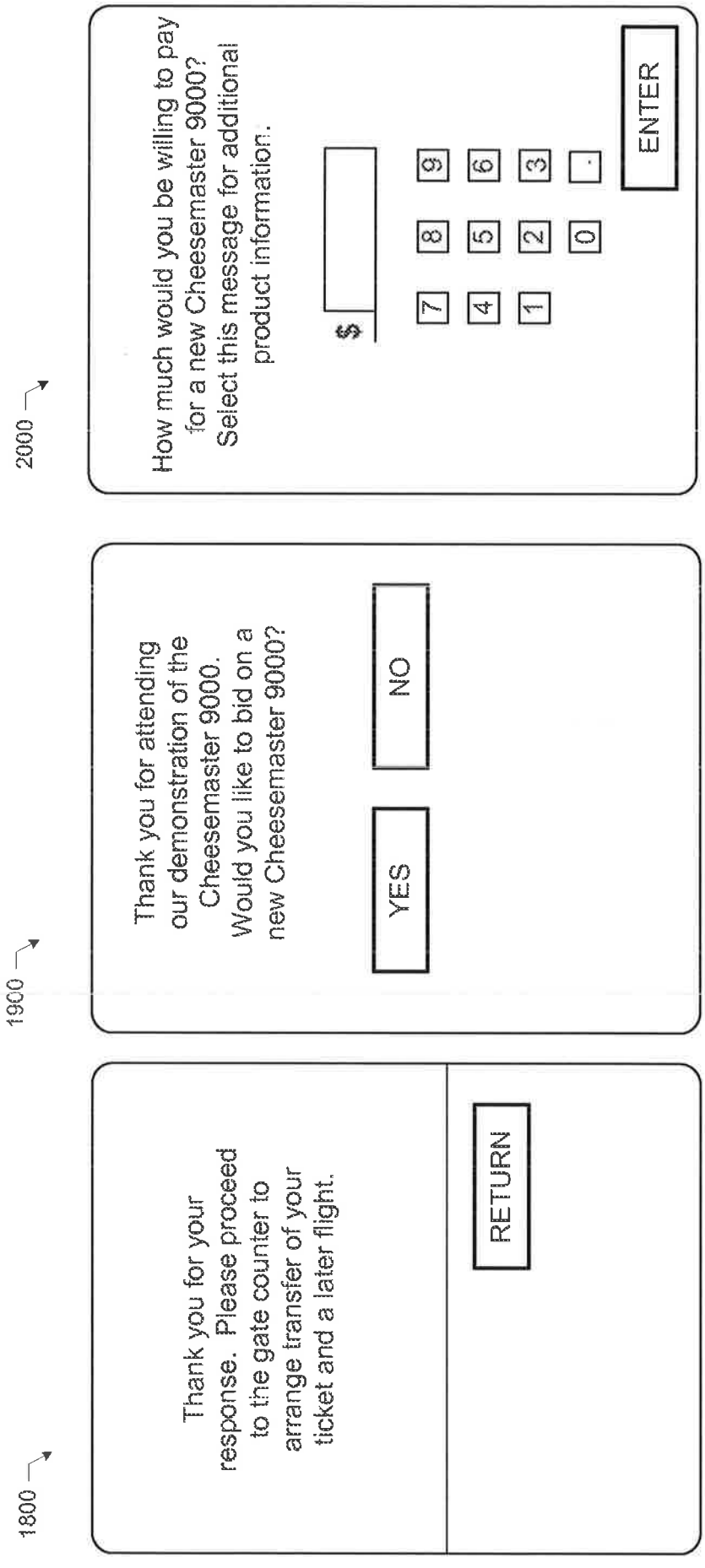


FIG. 18

FIG. 19

FIG. 20

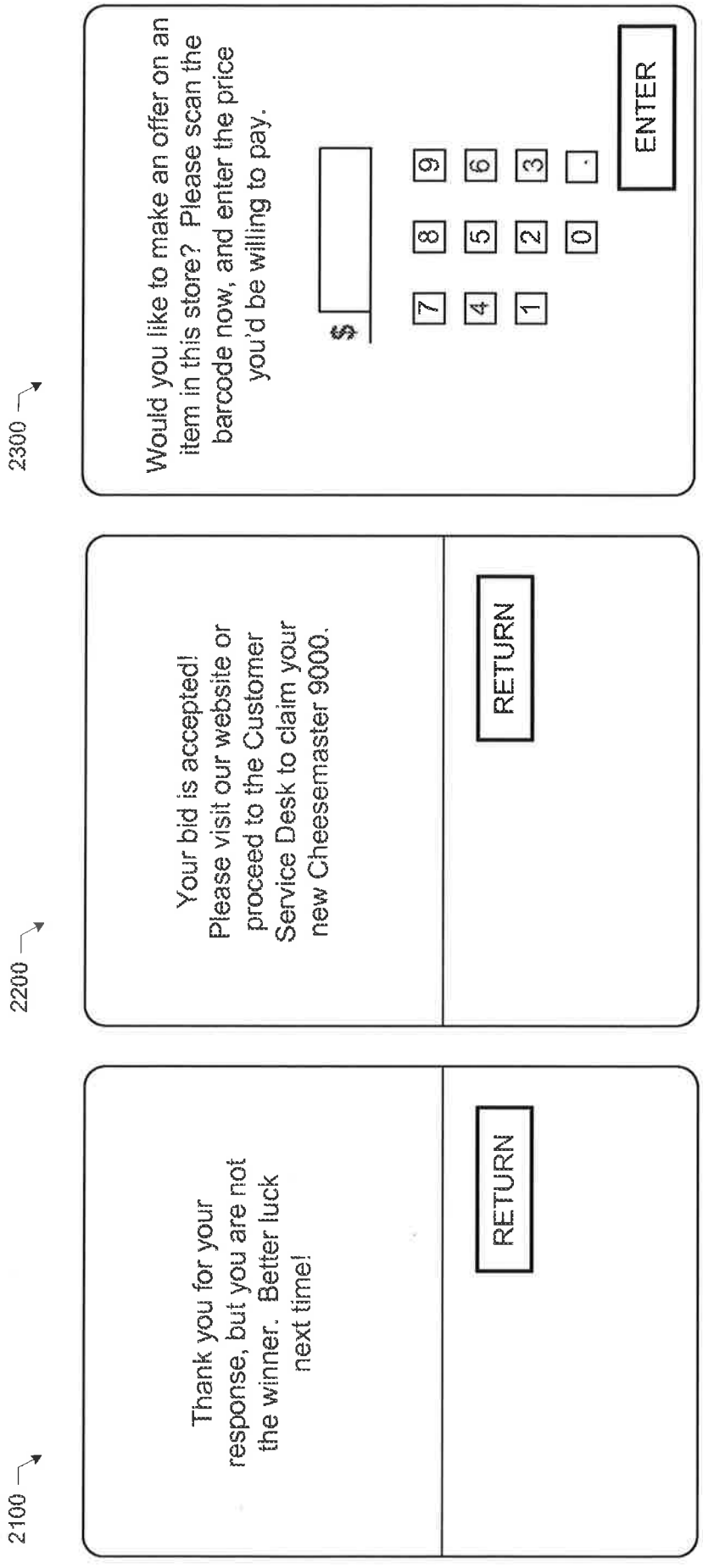


FIG. 21

FIG. 22

FIG. 23

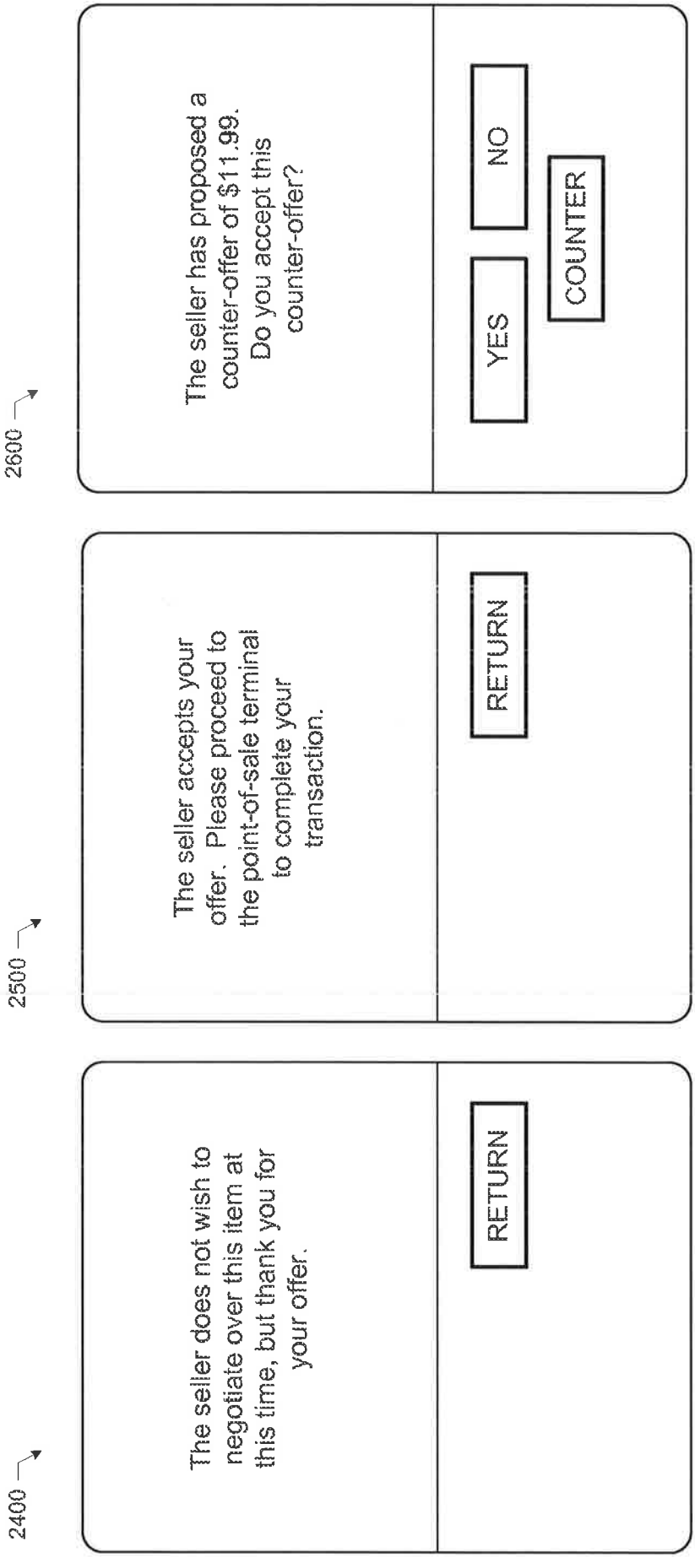
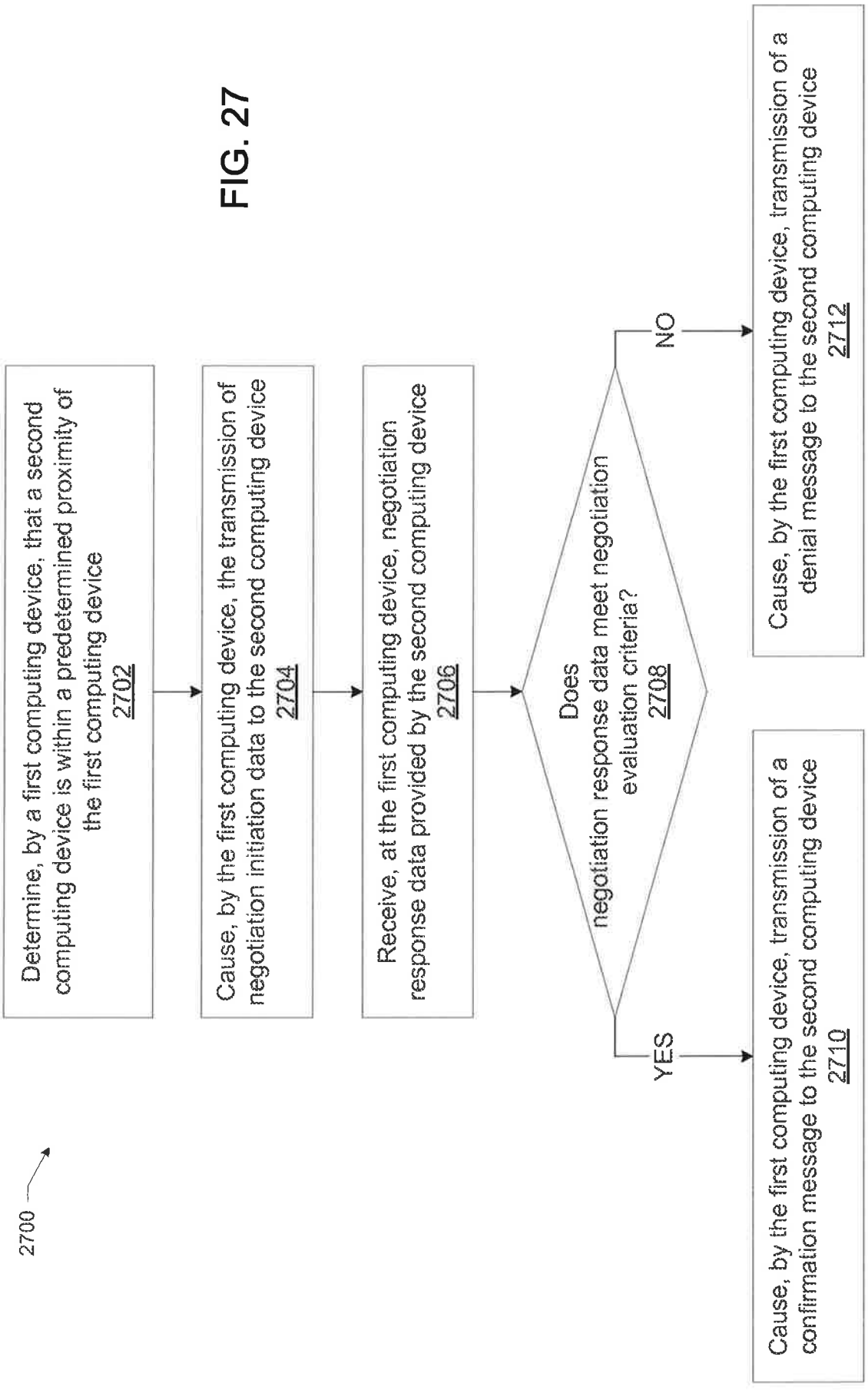


FIG. 24

FIG. 25

FIG. 26

FIG. 27


2700
Determine, by a first computing device, that a second computing device is within a predetermined proximity of the first computing device
2702
Cause, by the first computing device, the transmission of negotiation initiation data to the second computing device
2704
Receive, at the first computing device, negotiation response data provided by the second computing device
2706
Does negotiation response data meet negotiation evaluation criteria?
2708
YES
NO
Cause, by the first computing device, transmission of a confirmation message to the second computing device
2710
Cause, by the first computing device, transmission of a denial message to the second computing device
2712

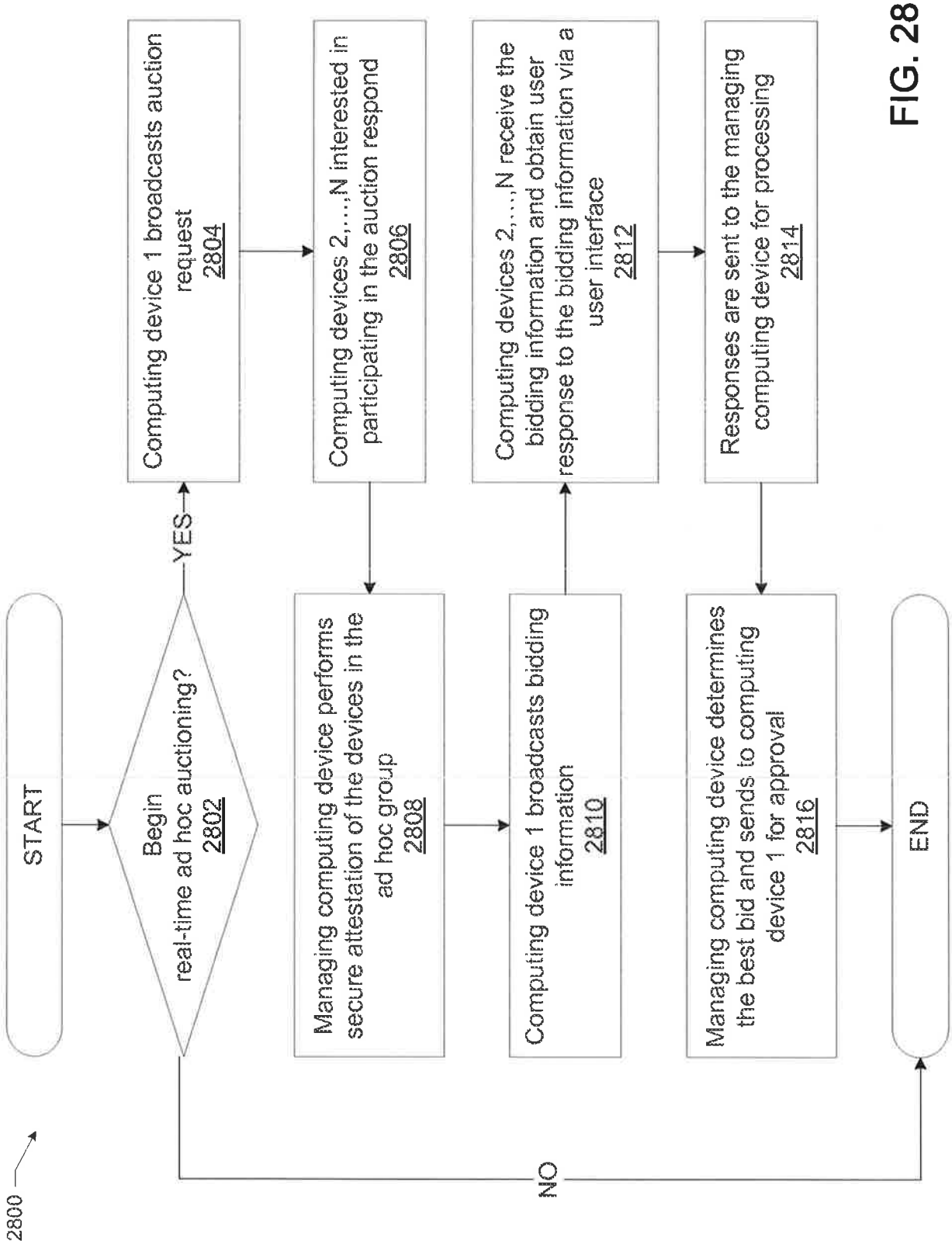

2800
START
Begin real-time ad hoc auctioning? 2802
YES
NO
Computing device 1 broadcasts auction request 2804
Computing devices 2,...,N interested in participating in the auction respond 2806
Managing computing device performs secure attestation of the devices in the ad hoc group 2808
Computing device 1 broadcasts bidding information 2810
Computing devices 2,...,N receive the bidding information and obtain user response to the bidding information via a user interface 2812
Responses are sent to the managing computing device for processing 2814
Managing computing device determines the best bid and sends to computing device 1 for approval 2816
END

FIG. 28