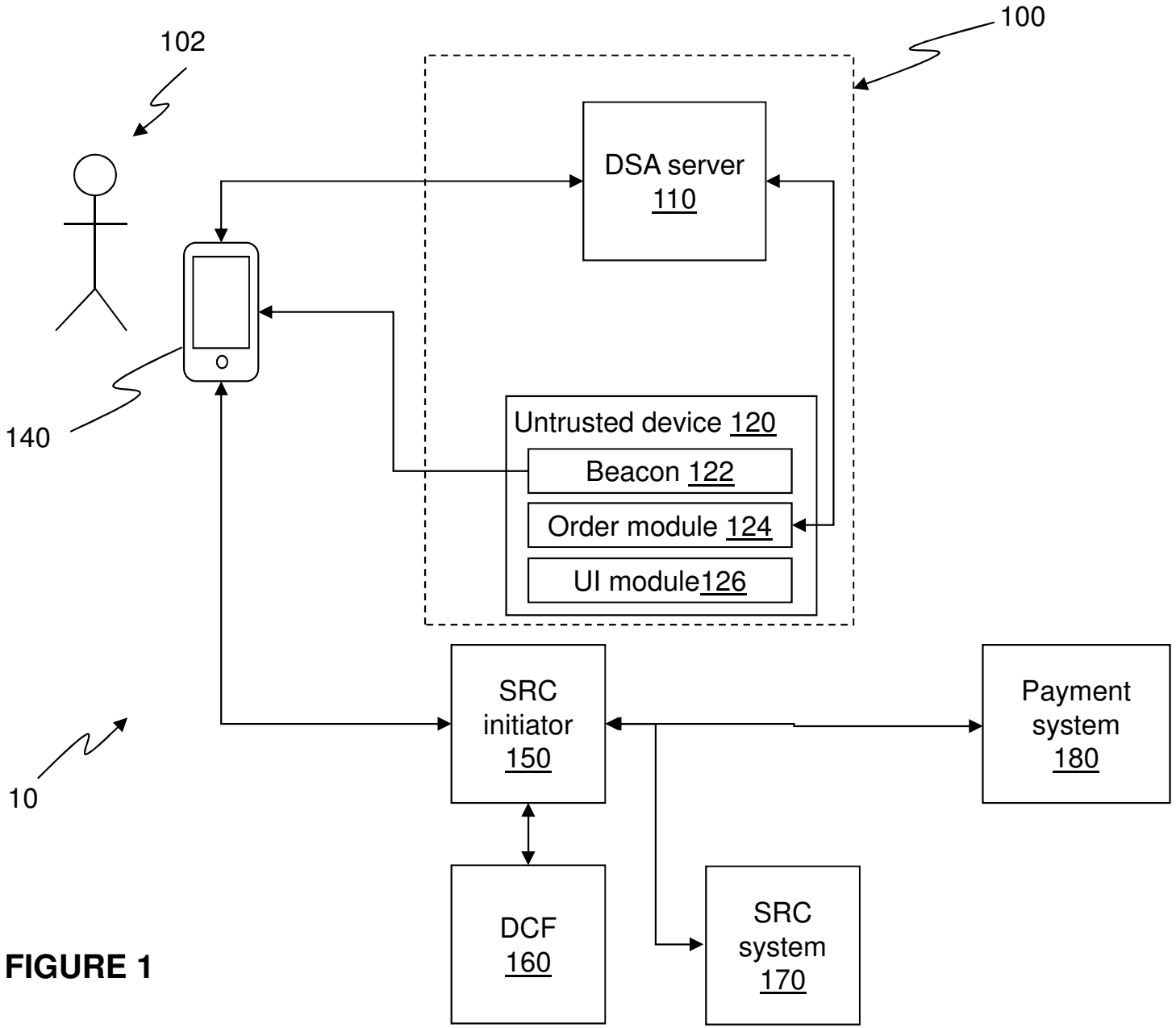

102
100
DSA server
110
140
Untrusted device 120
Beacon 122
Order module 124
UI module126
SRC
initiator
150
Payment
system
180
10
DCF
160
SRC
system
170

FIGURE 1

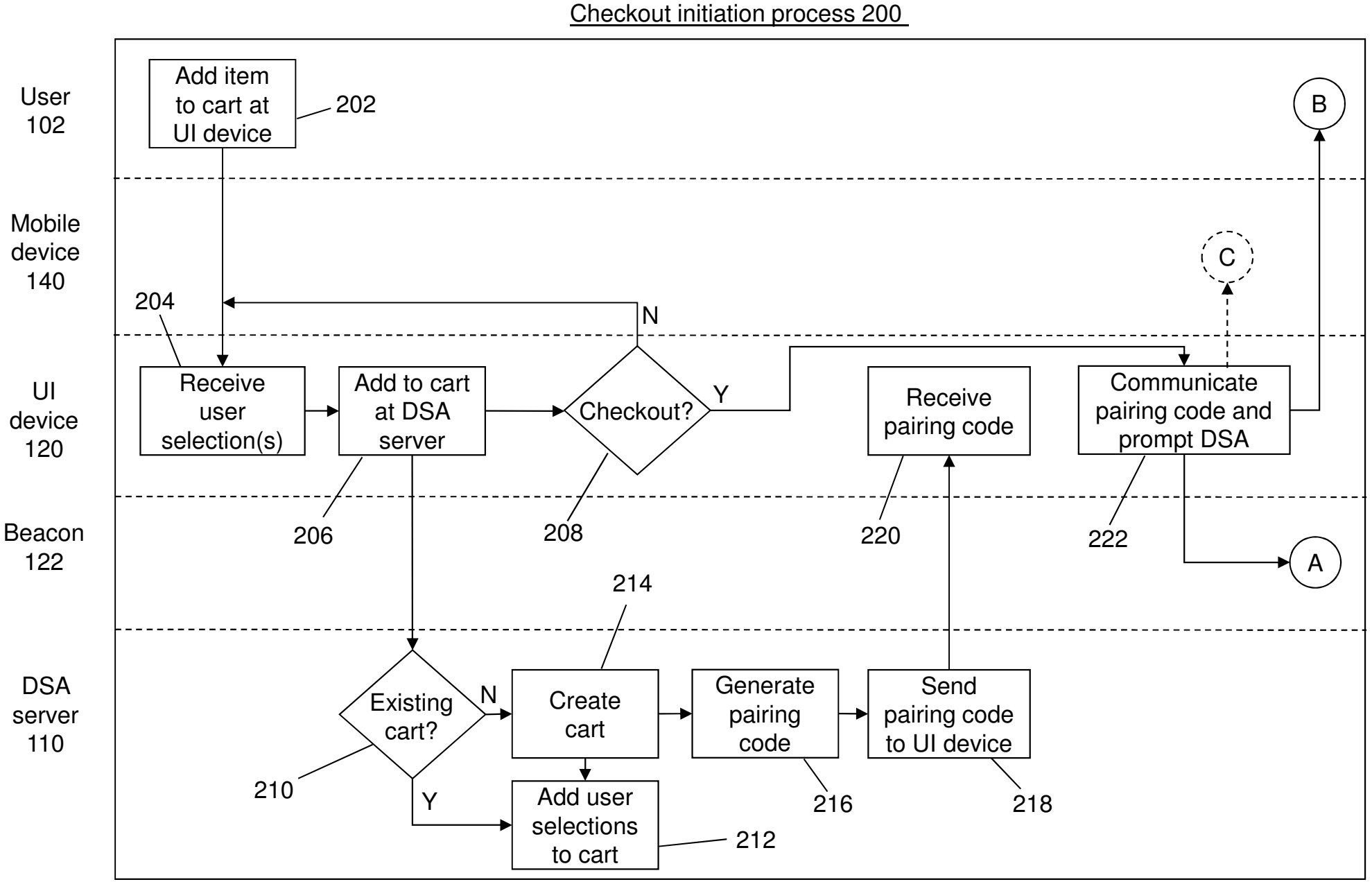

Checkout initiation process 200
User 102
Mobile device 140
UI device 120
Beacon 122
DSA server 110
Add item to cart at UI device
202
B
C
204
N
Receive user selection(s)
Add to cart at DSA server
Checkout?
Y
Receive pairing code
Communicate pairing code and prompt DSA
206
208
220
222
A
214
Existing cart?
N
Create cart
Generate pairing code
Send pairing code to UI device
210
Y
Add user selections to cart
216
218
212

FIGURE 2

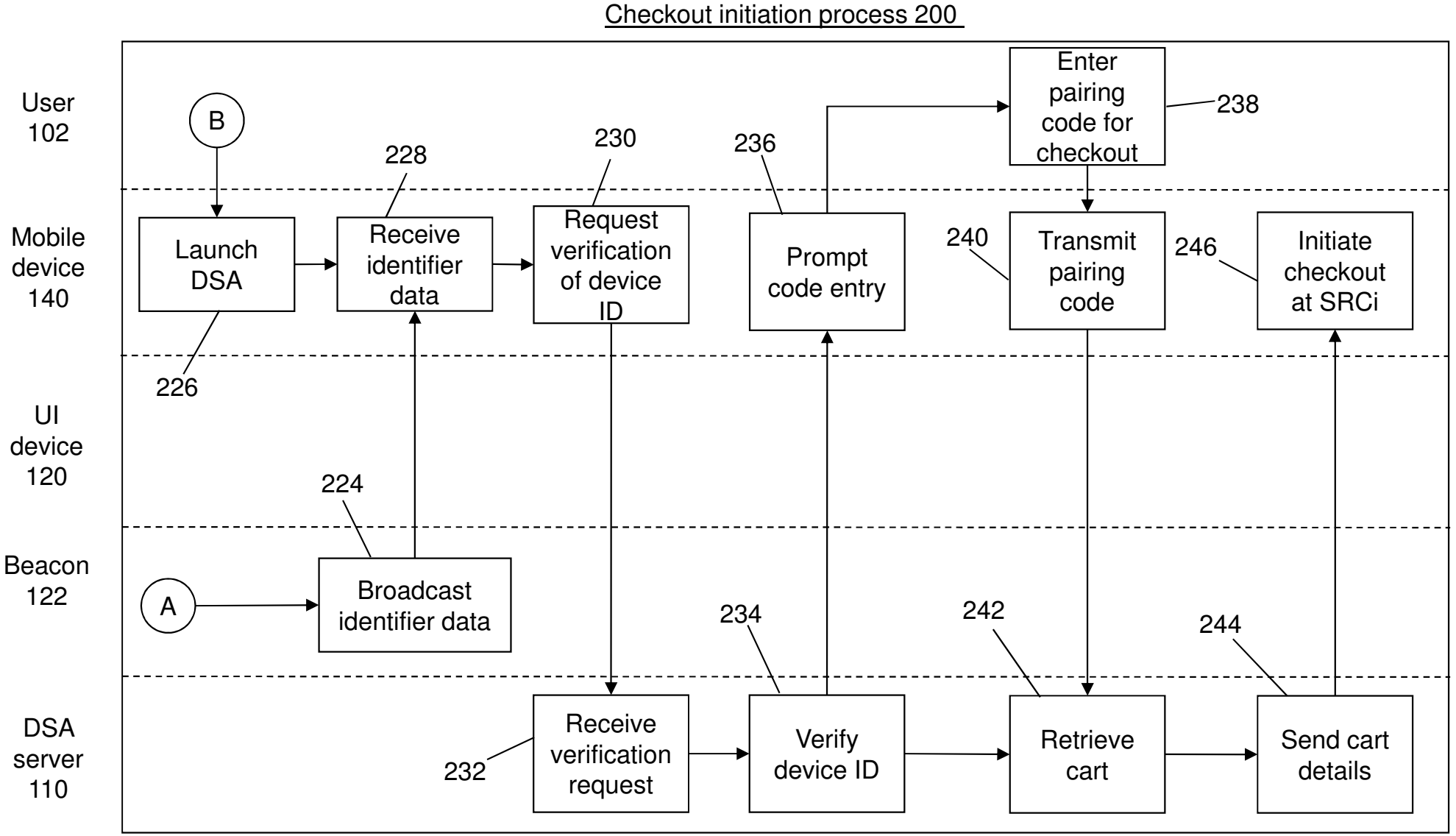


FIGURE 2 (continued)

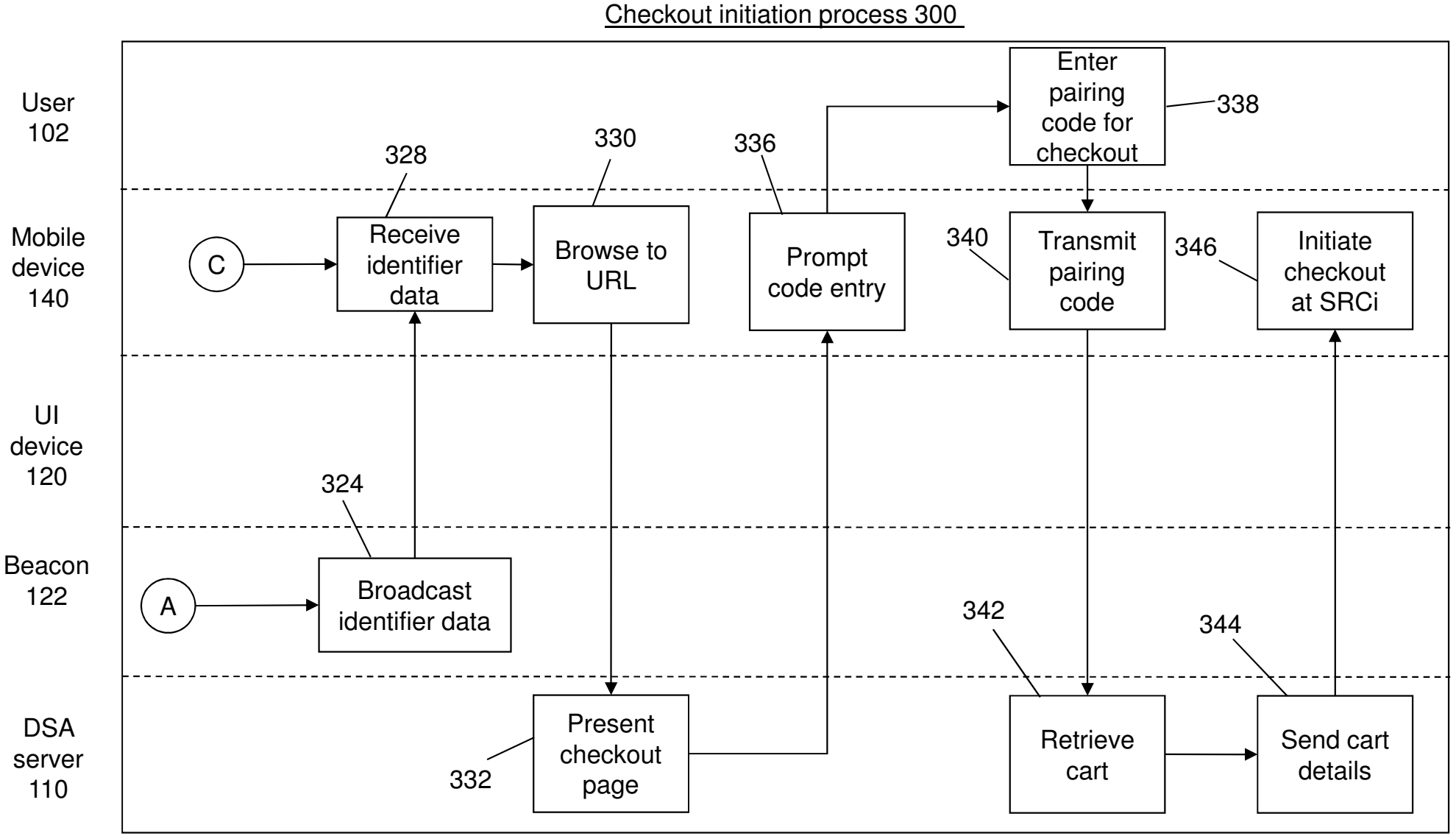

Checkout initiation process 300
User 102
Mobile device 140
UI device 120
Beacon 122
DSA server 110
C
A
328
Receive identifier data
330
Browse to URL
336
Prompt code entry
Enter pairing code for checkout
338
340
Transmit pairing code
346
Initiate checkout at SRCi
324
Broadcast identifier data
342
344
Retrieve cart
Send cart details
332
Present checkout page

FIGURE 3

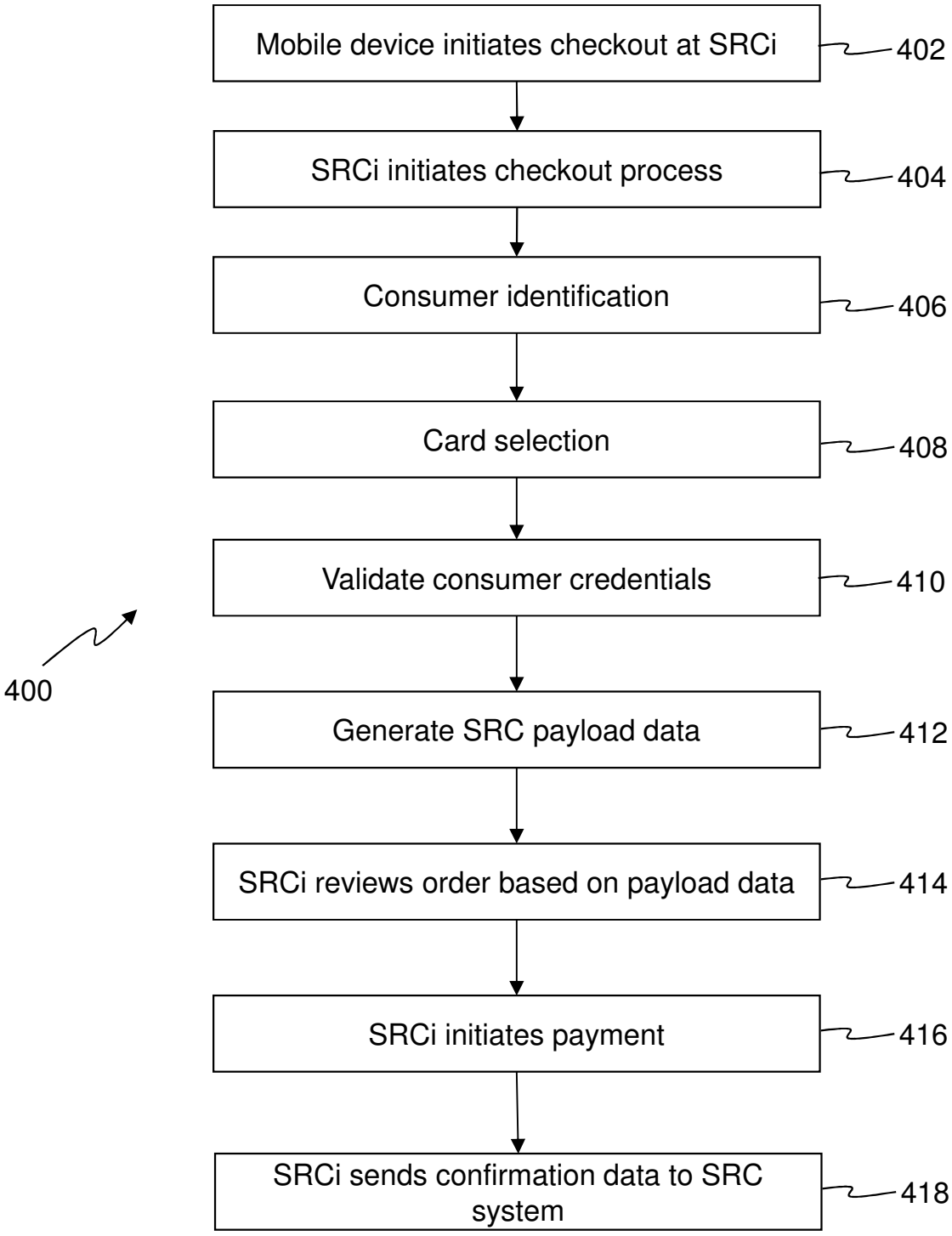

Mobile device initiates checkout at SRCi
402
SRCi initiates checkout process
404
Consumer identification
406
Card selection
408
Validate consumer credentials
410
400
Generate SRC payload data
412
SRCi reviews order based on payload data
414
SRCi initiates payment
416
SRCi sends confirmation data to SRC system
418

FIGURE 4

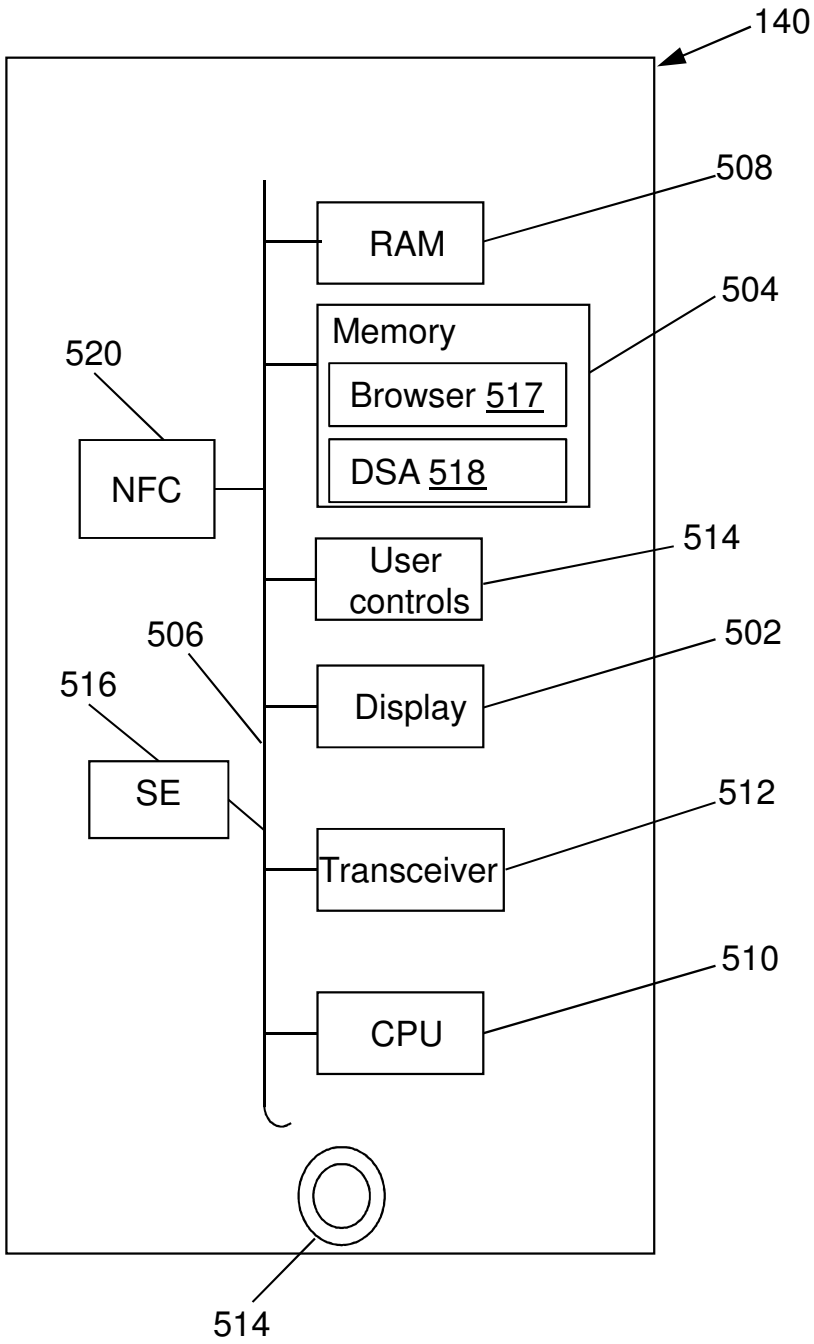

140
508
RAM
504
Memory
Browser 517
DSA 518
520
NFC
514
User controls
506
502
Display
516
SE
512
Transceiver
510
CPU
514

FIGURE 5

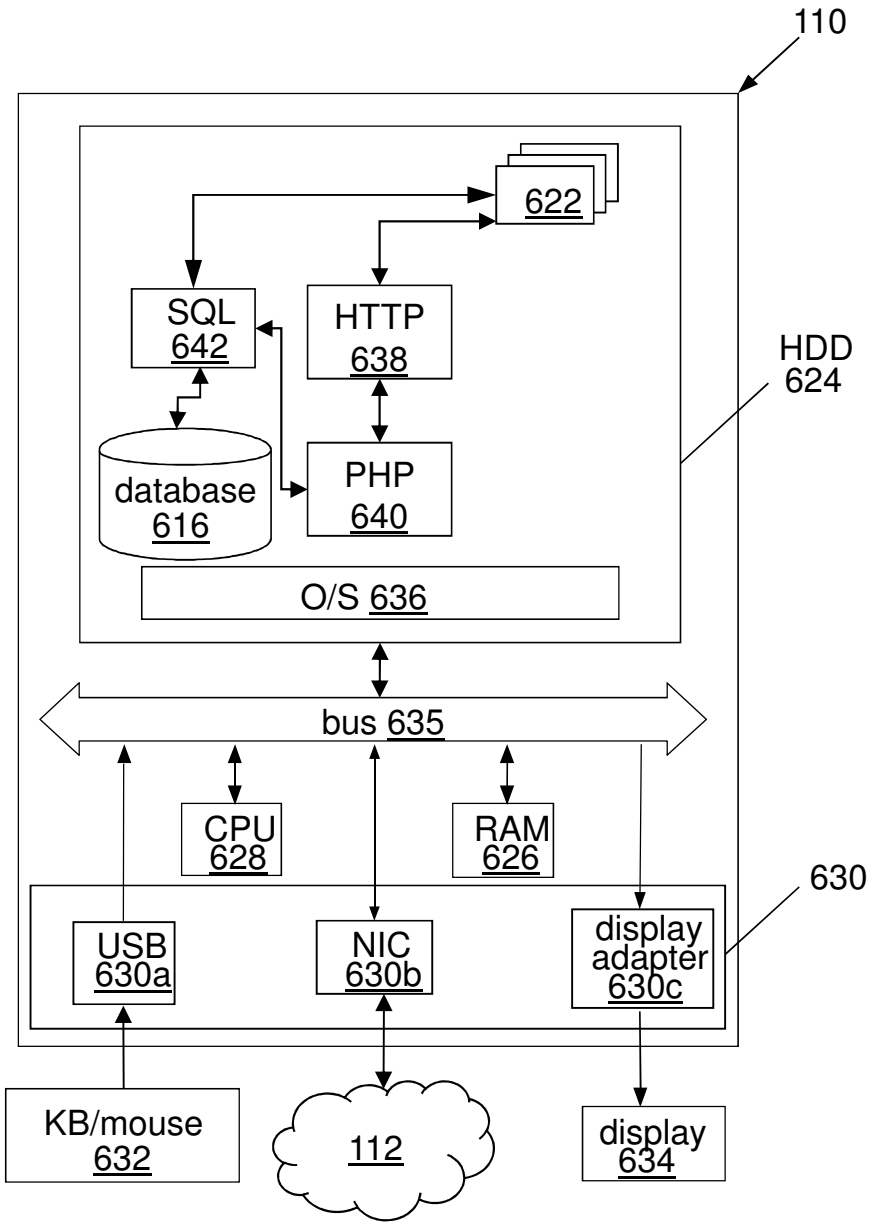

110
622
SQL
642
HTTP
638
HDD
624
database
616
PHP
640
O/S 636
bus 635
CPU
628
RAM
626
630
USB
630a
NIC
630b
display
adapter
630c
KB/mouse
632
112
display
634

FIGURE 6