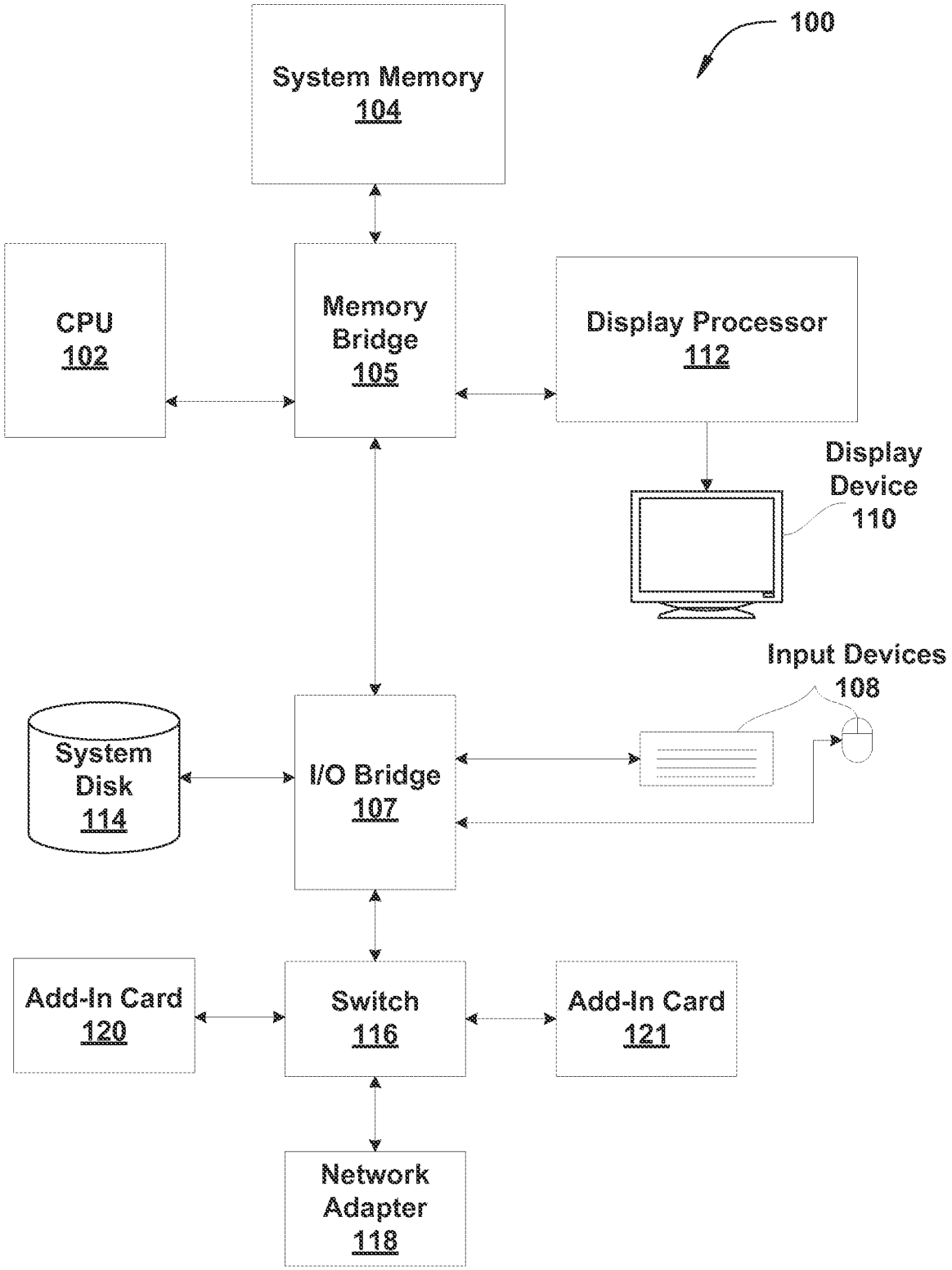

100
System Memory
104
CPU
102
Memory
Bridge
105
Display Processor
112
Display
Device
110
Input Devices
108
System
Disk
114
I/O Bridge
107
Add-In Card
120
Switch
116
Add-In Card
121
Network
Adapter
118

Figure 1

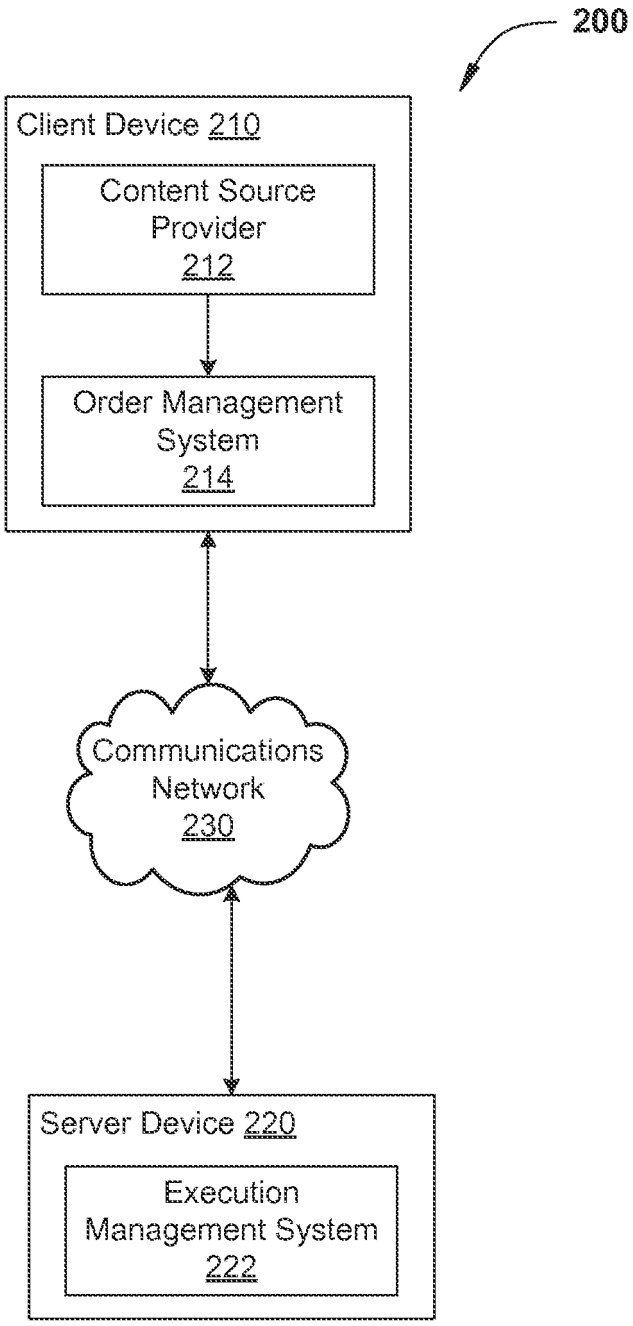

200
Client Device 210
Content Source Provider 212
Order Management System 214
Communications Network 230
Server Device 220
Execution Management System 222

Figure 2

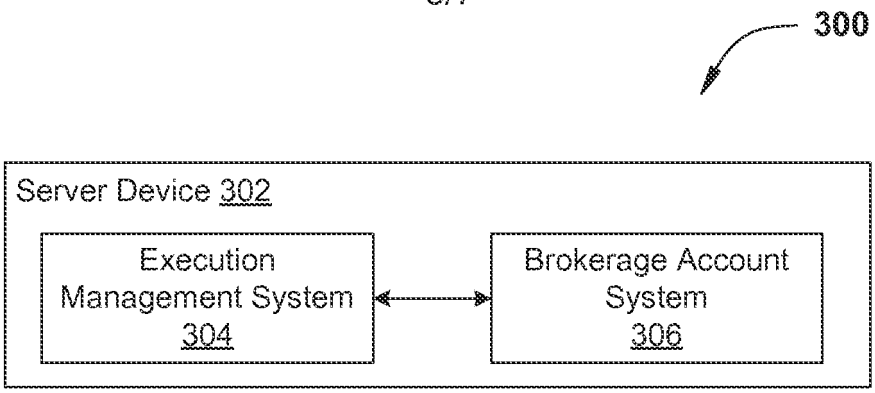


Figure 3A

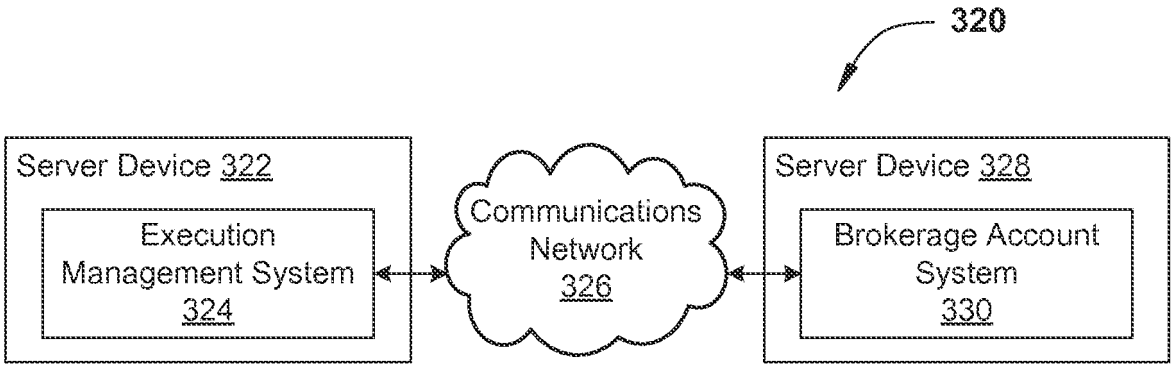


Figure 3B

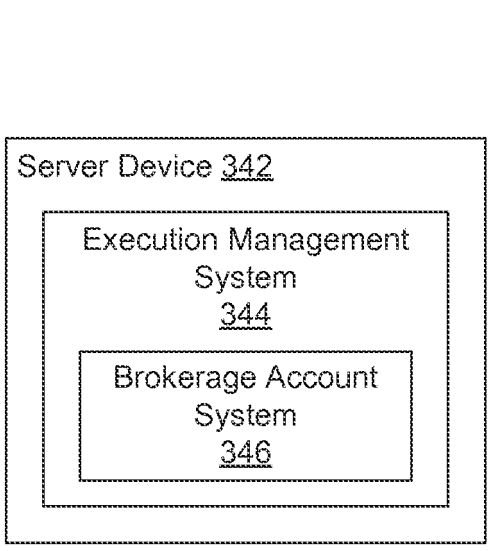


Figure 3C

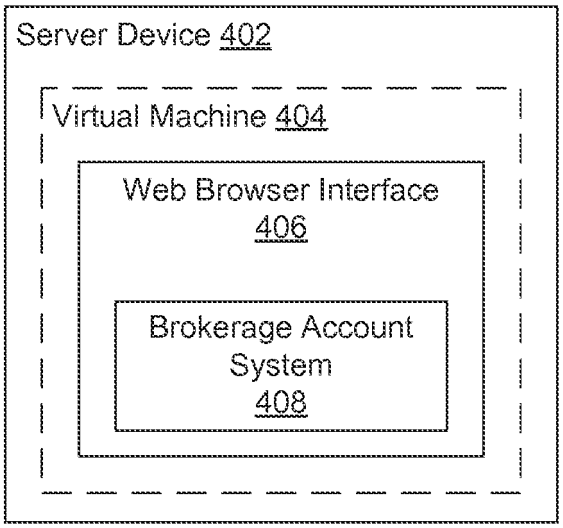


Figure 4A

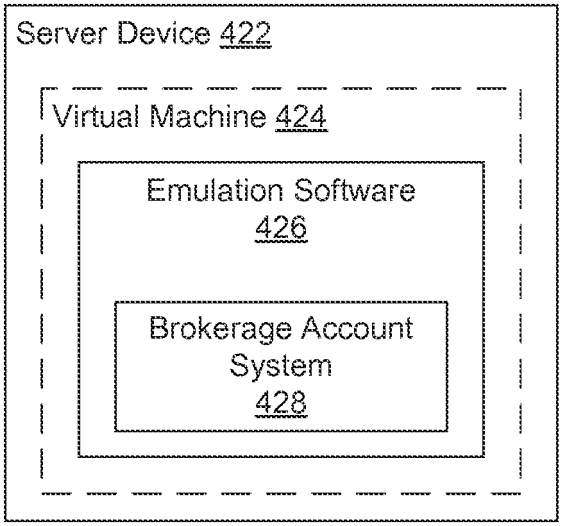


Figure 4B

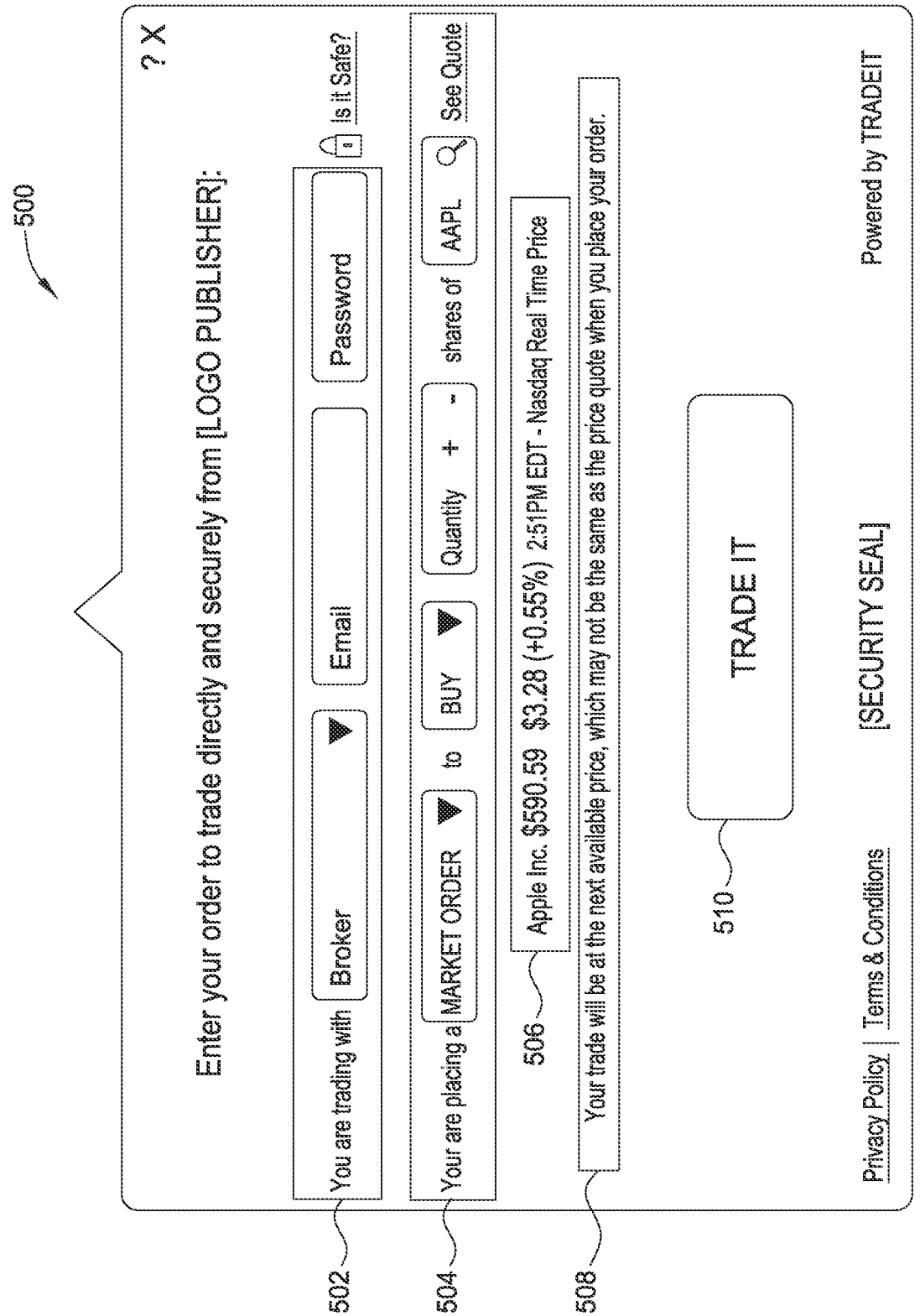

500
? X
Enter your order to trade directly and securely from [LOGO PUBLISHER]:
You are trading with
Broker
Email
Password
Is it Safe?
Your are placing a
MARKET ORDER
to
BUY
Quantity
+
-
shares of
AAPL
See Quote
Apple Inc. $590.59 $3.28 (+0.55%) 2:51PM EDT - Nasdaq Real Time Price
Your trade will be at the next available price, which may not be the same as the price quote when you place your order.
TRADE IT
Privacy Policy | Terms & Conditions
[SECURITY SEAL]
Powered by TRADEIT
502
504
506
508
510

Figure 5

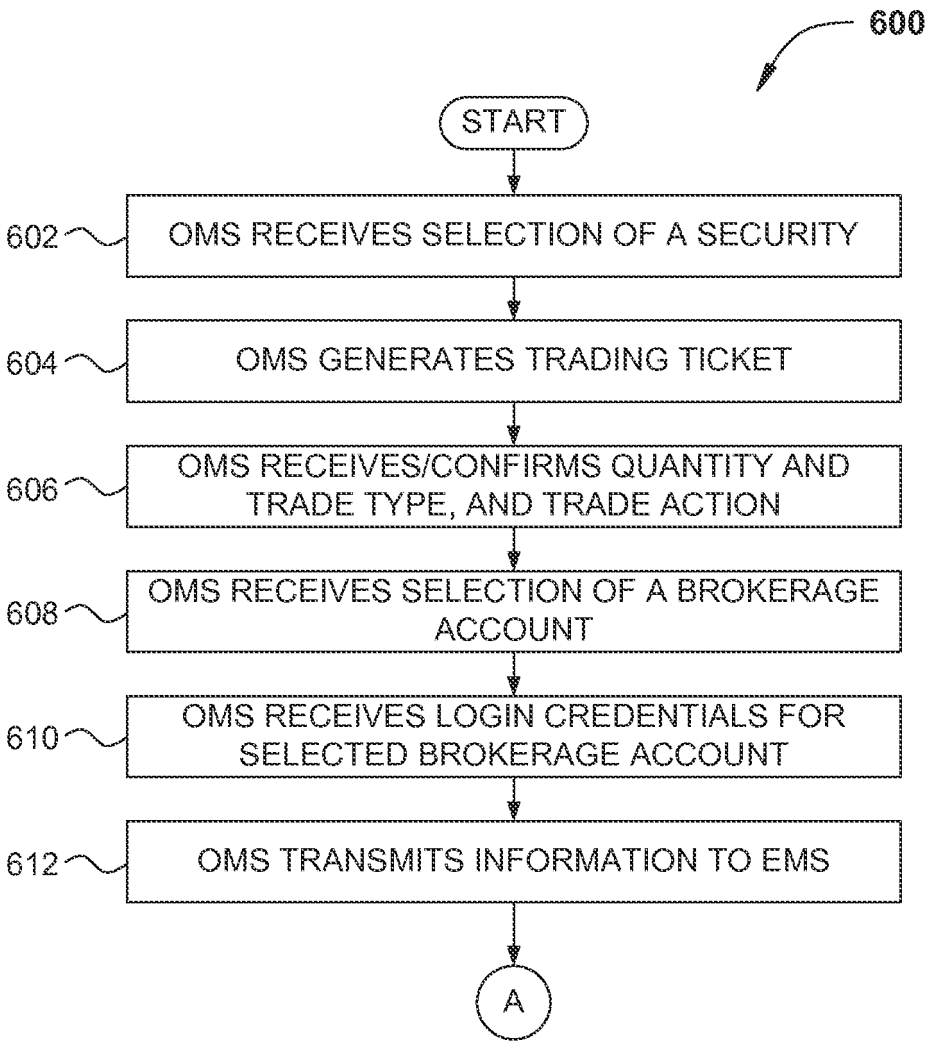

600
START
602
OMS RECEIVES SELECTION OF A SECURITY
604
OMS GENERATES TRADING TICKET
606
OMS RECEIVES/CONFIRMS QUANTITY AND TRADE TYPE, AND TRADE ACTION
608
OMS RECEIVES SELECTION OF A BROKERAGE ACCOUNT
610
OMS RECEIVES LOGIN CREDENTIALS FOR SELECTED BROKERAGE ACCOUNT
612
OMS TRANSMITS INFORMATION TO EMS
A

Figure 6A

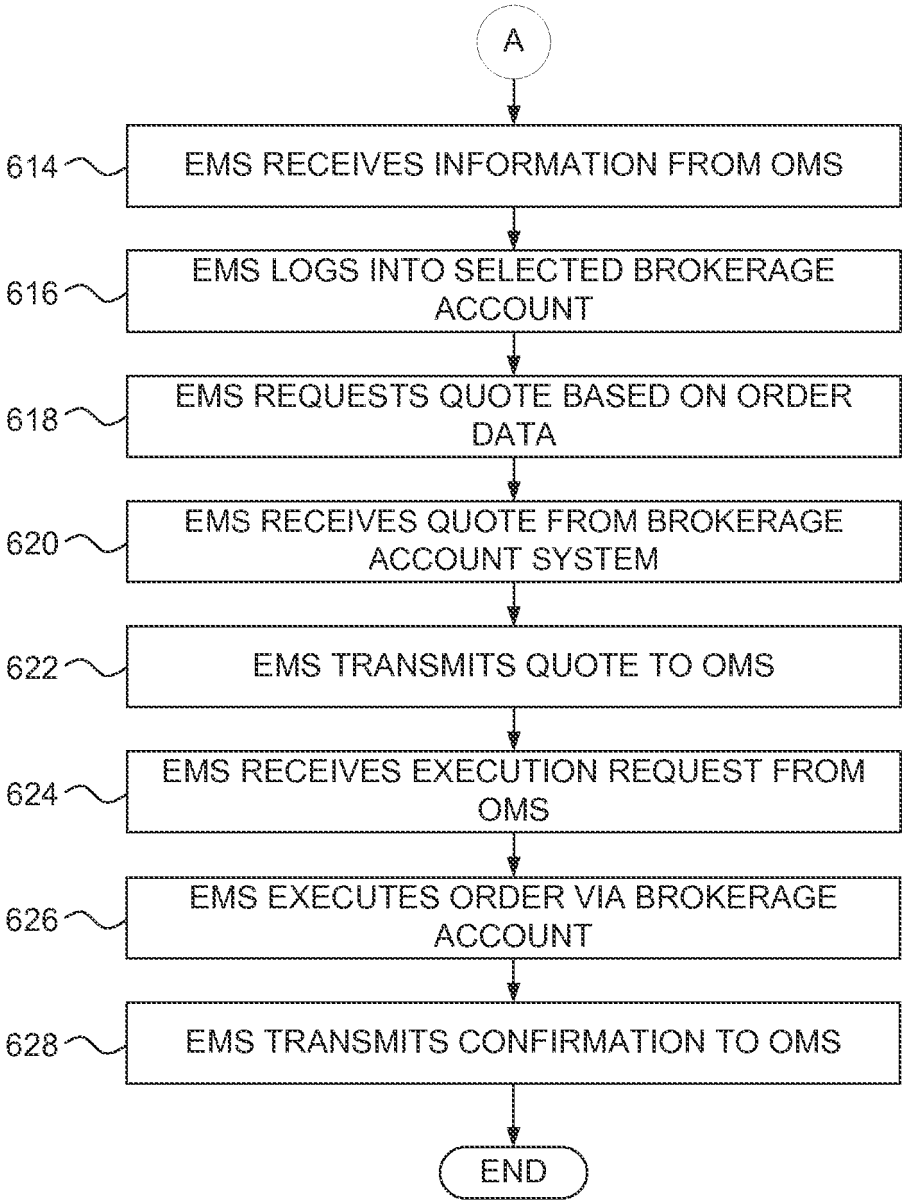

A
614
EMS RECEIVES INFORMATION FROM OMS
616
EMS LOGS INTO SELECTED BROKERAGE ACCOUNT
618
EMS REQUESTS QUOTE BASED ON ORDER DATA
620
EMS RECEIVES QUOTE FROM BROKERAGE ACCOUNT SYSTEM
622
EMS TRANSMITS QUOTE TO OMS
624
EMS RECEIVES EXECUTION REQUEST FROM OMS
626
EMS EXECUTES ORDER VIA BROKERAGE ACCOUNT
628
EMS TRANSMITS CONFIRMATION TO OMS
END

Figure 6B