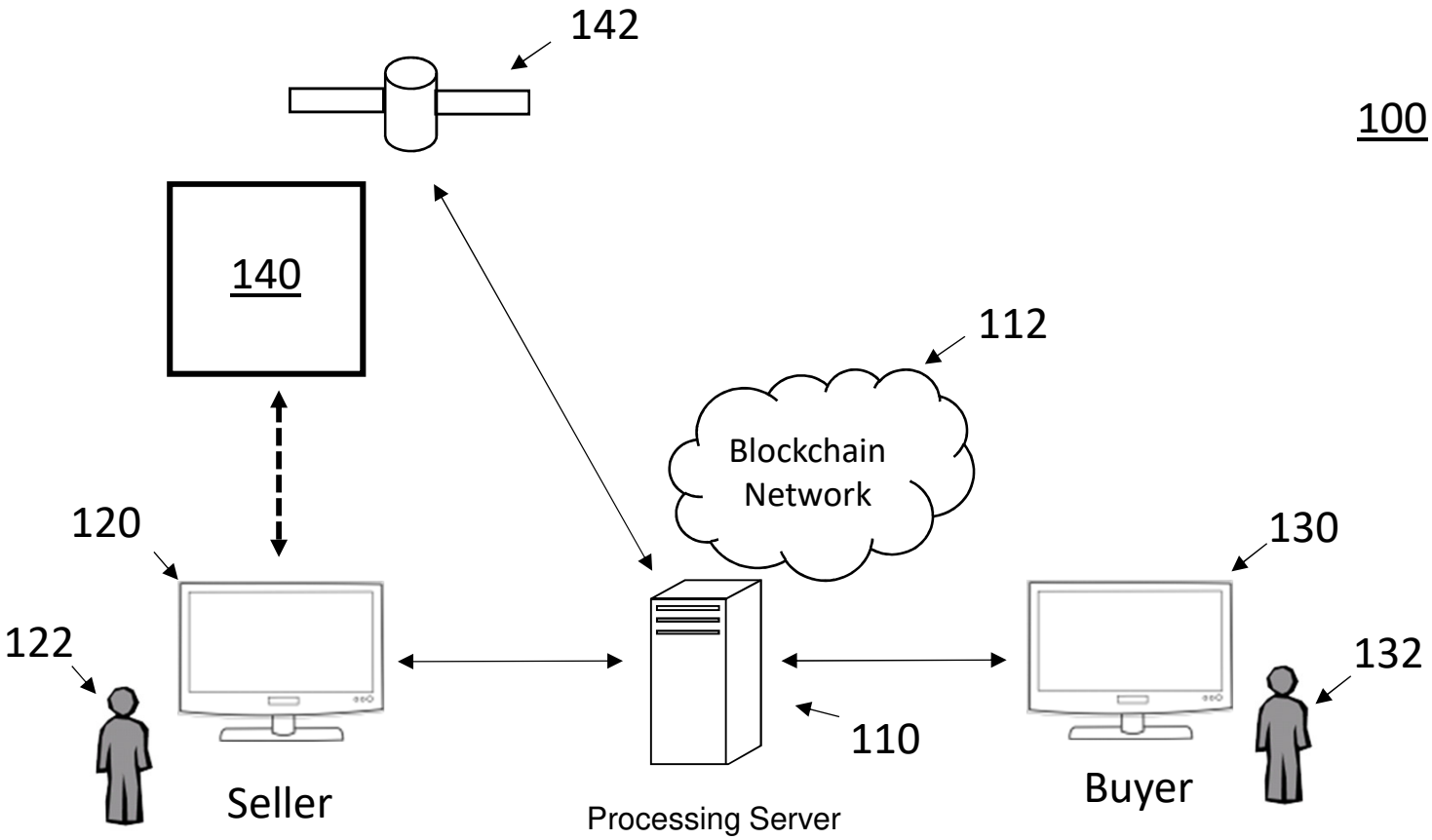

142
100
140
112
Blockchain
Network
120
130
122
132
110
Seller
Processing Server
Buyer

FIG. 1

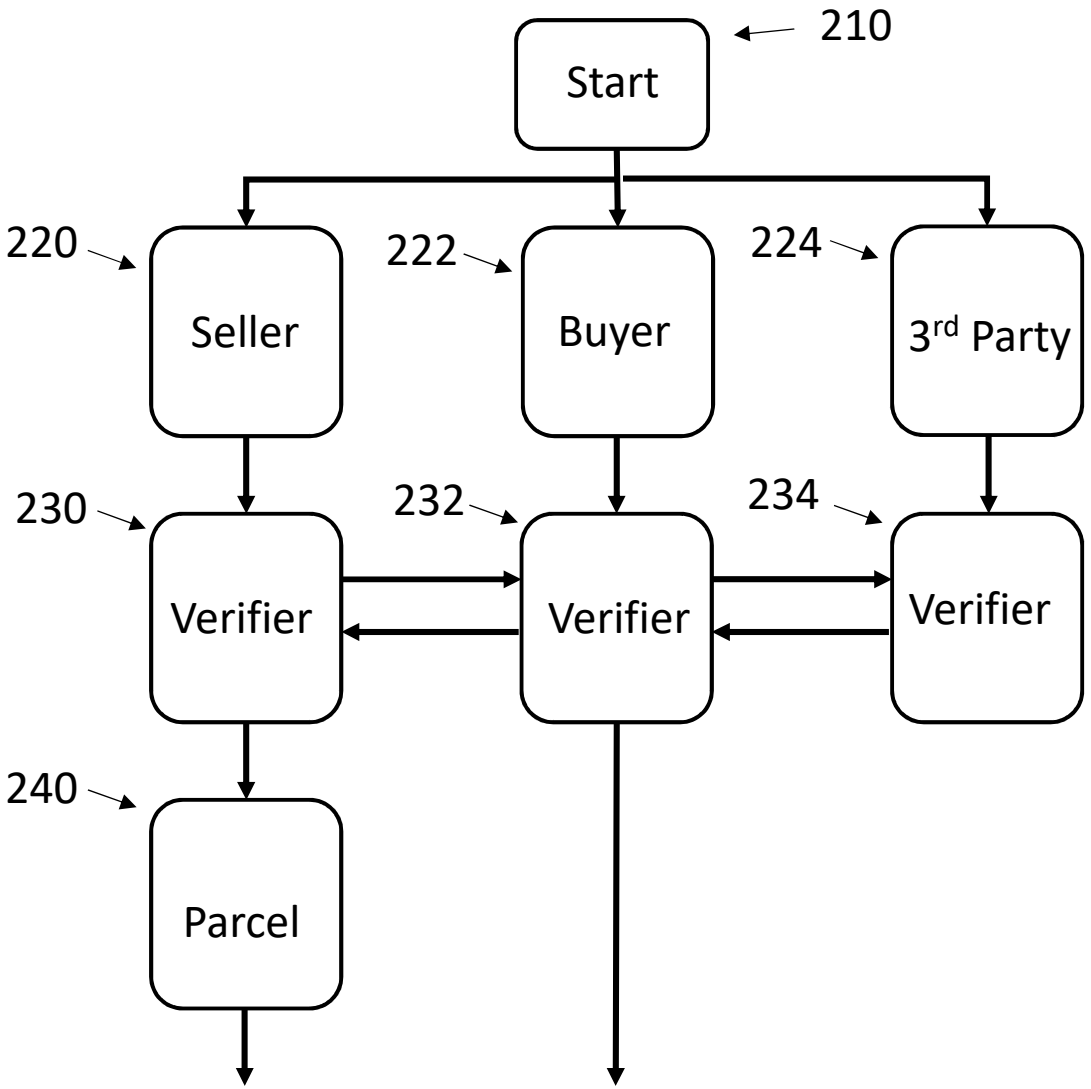

200
210
Start
220
Seller
222
Buyer
224
3rd Party
230
Verifier
232
Verifier
234
Verifier
240
Parcel

FIG. 2A

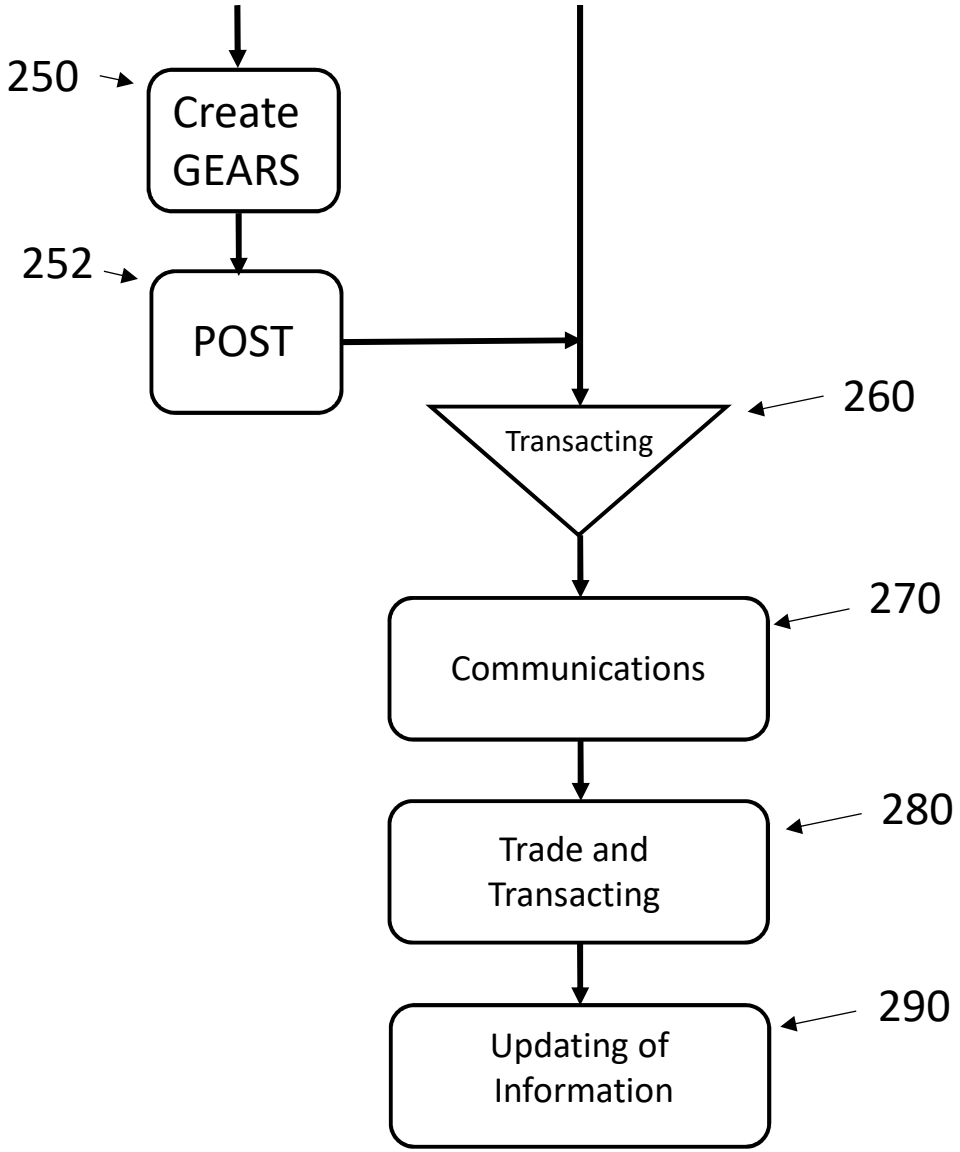

250
Create GEARS
252
POST
Transacting
260
270
Communications
280
Trade and Transacting
290
Updating of Information
200

FIG. 2B

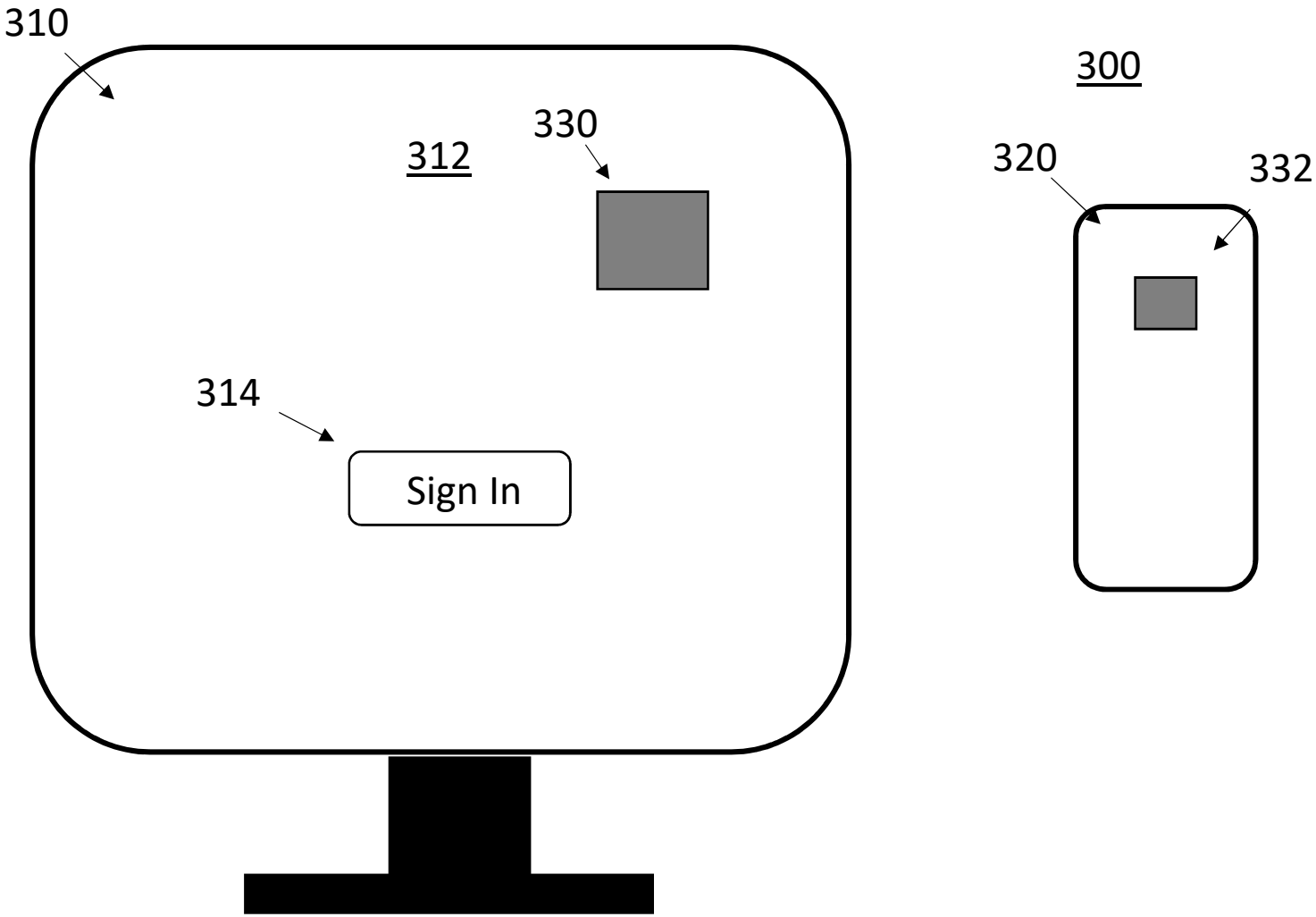


FIG. 3

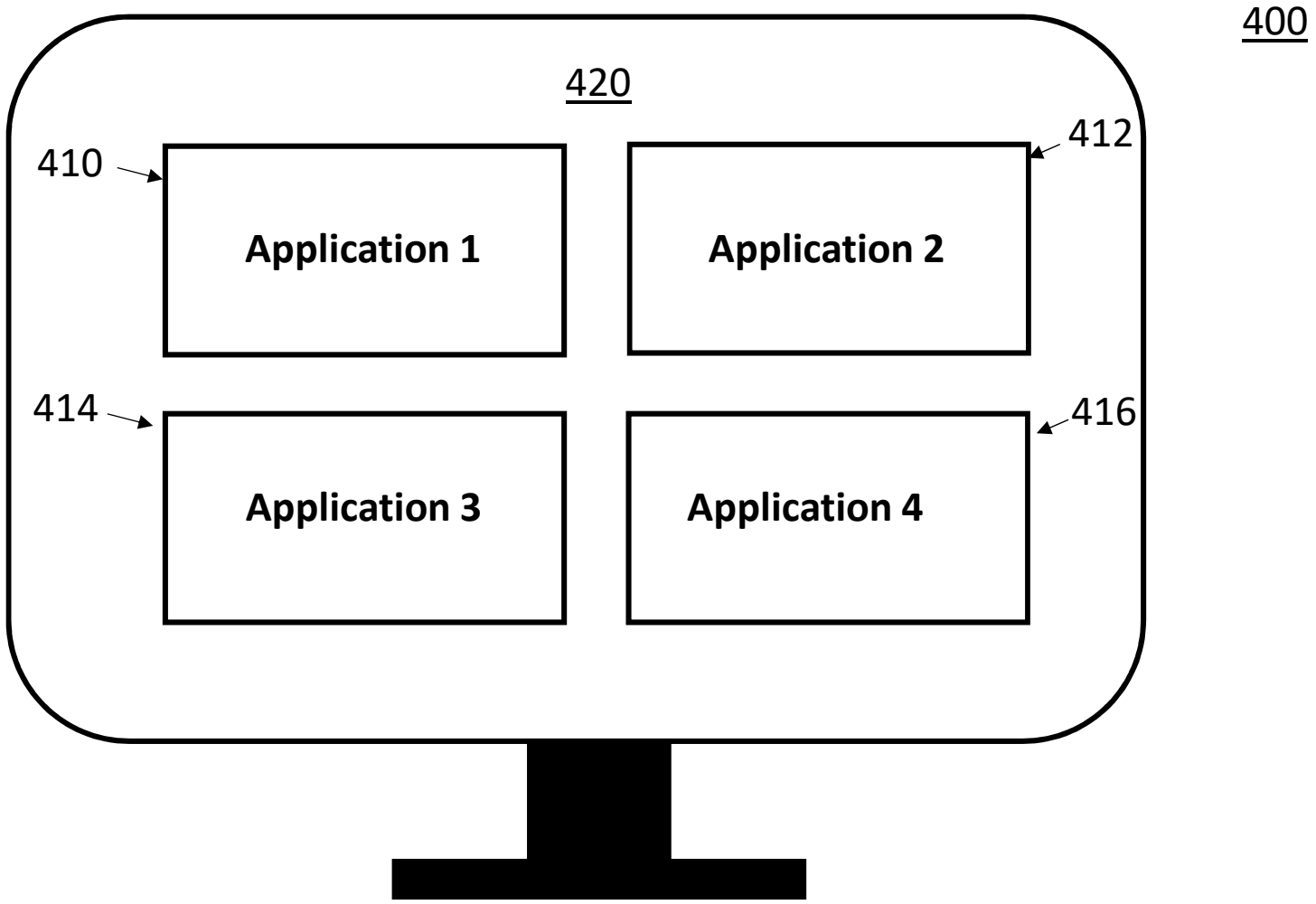

400
420
410
412
Application 1
Application 2
414
416
Application 3
Application 4

FIG. 4

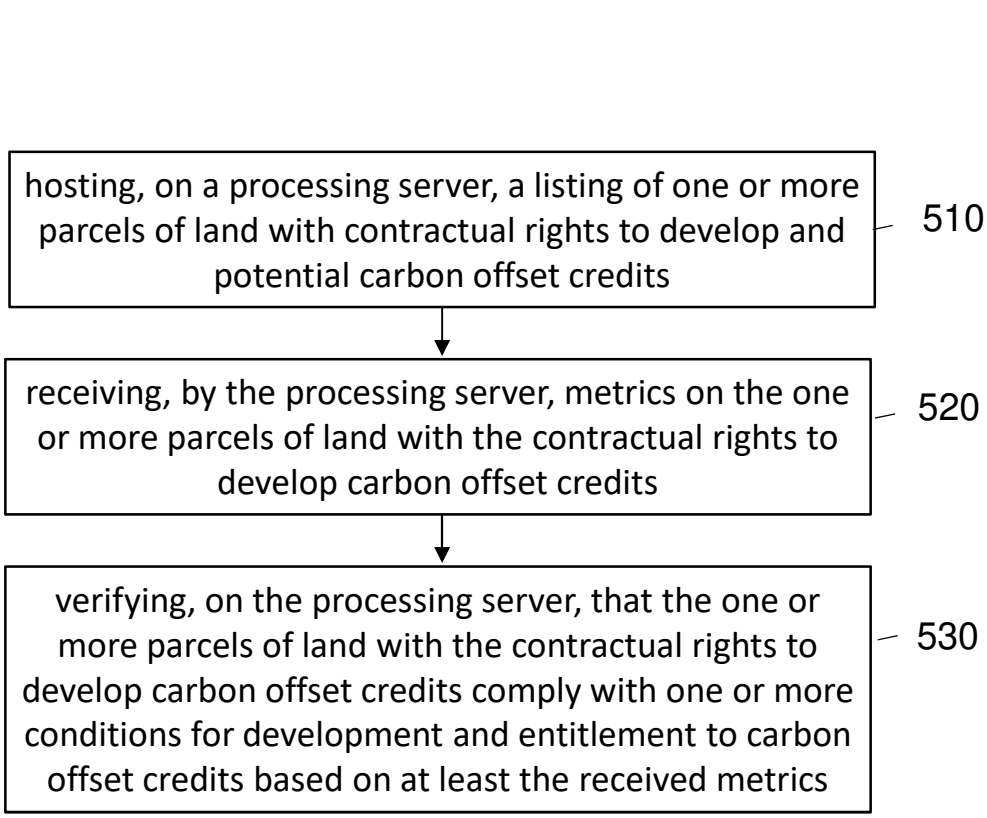

500
hosting, on a processing server, a listing of one or more parcels of land with contractual rights to develop and potential carbon offset credits
510
receiving, by the processing server, metrics on the one or more parcels of land with the contractual rights to develop carbon offset credits
520
verifying, on the processing server, that the one or more parcels of land with the contractual rights to develop carbon offset credits comply with one or more conditions for development and entitlement to carbon offset credits based on at least the received metrics
530

FIG. 5

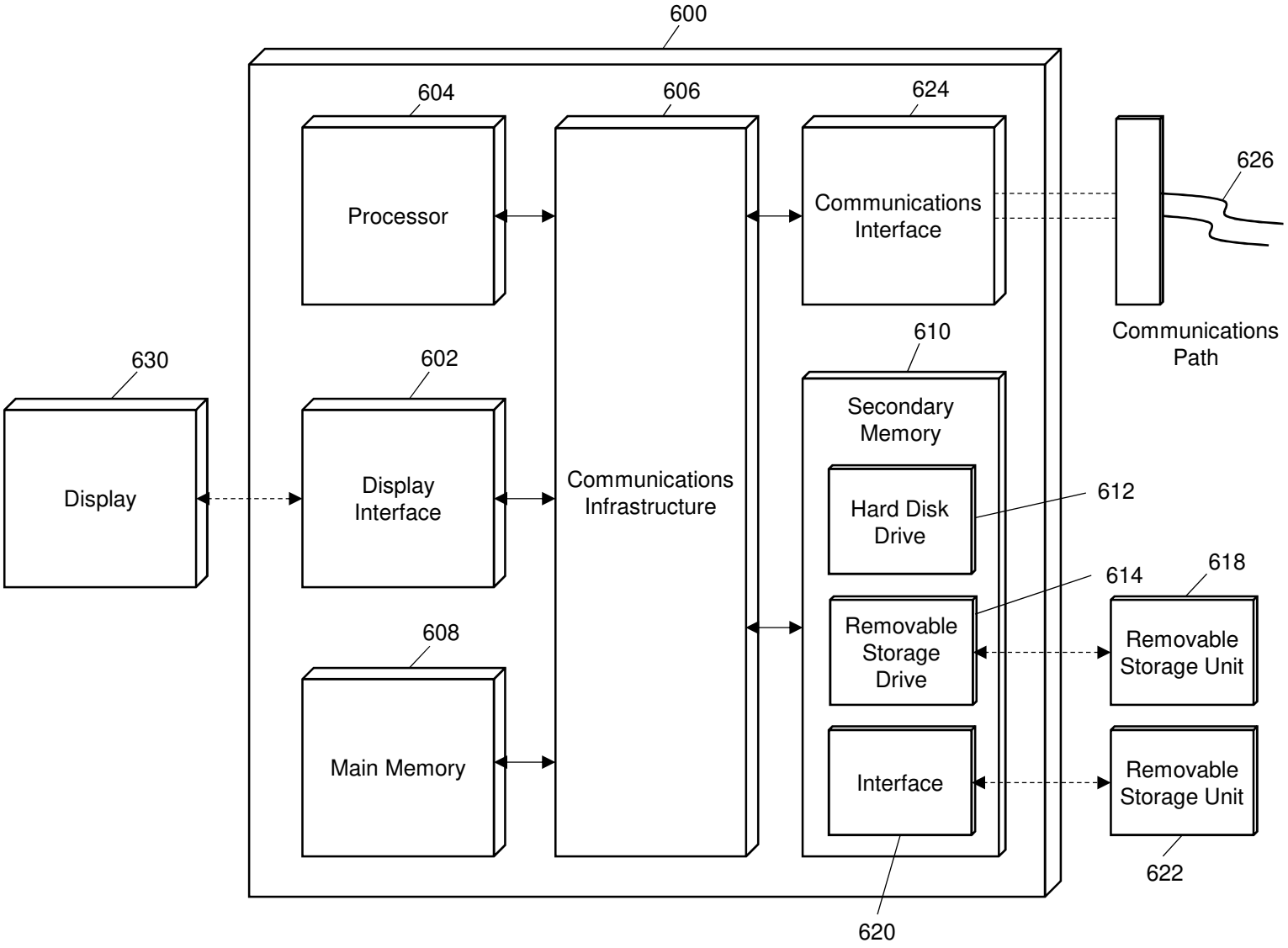

600
604
606
624
Processor
Communications Interface
626
Communications Path
610
630
602
Secondary Memory
Display
Display Interface
Communications Infrastructure
Hard Disk Drive
612
614
618
Removable Storage Drive
Removable Storage Unit
608
Main Memory
Interface
Removable Storage Unit
622
620

FIG. 6