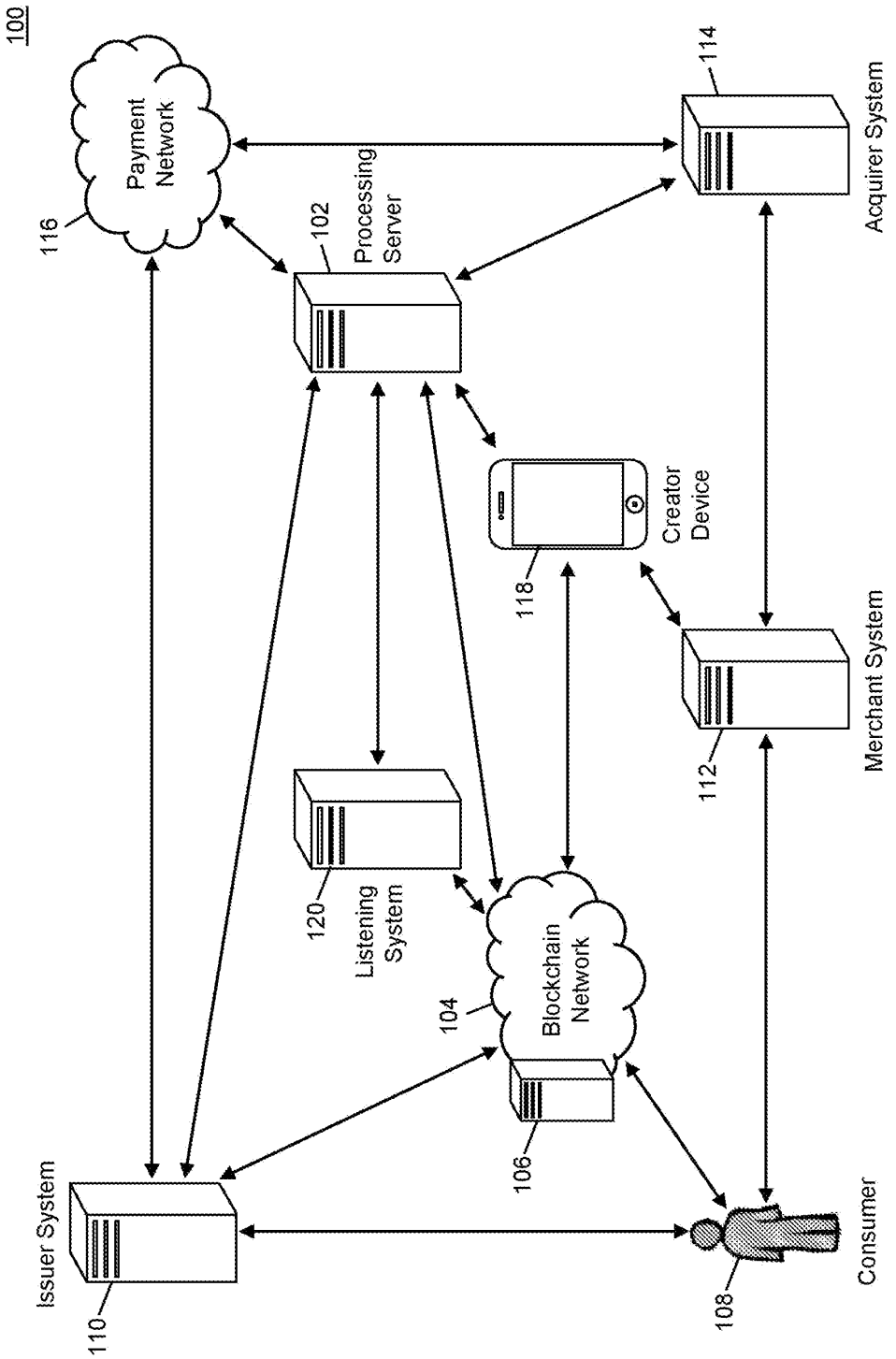

100
Payment Network
116
Processing Server
102
Acquirer System
114
Creator Device
118
Merchant System
112
Listening System
120
Blockchain Network
104
106
Issuer System
110
Consumer
108

FIG. 1

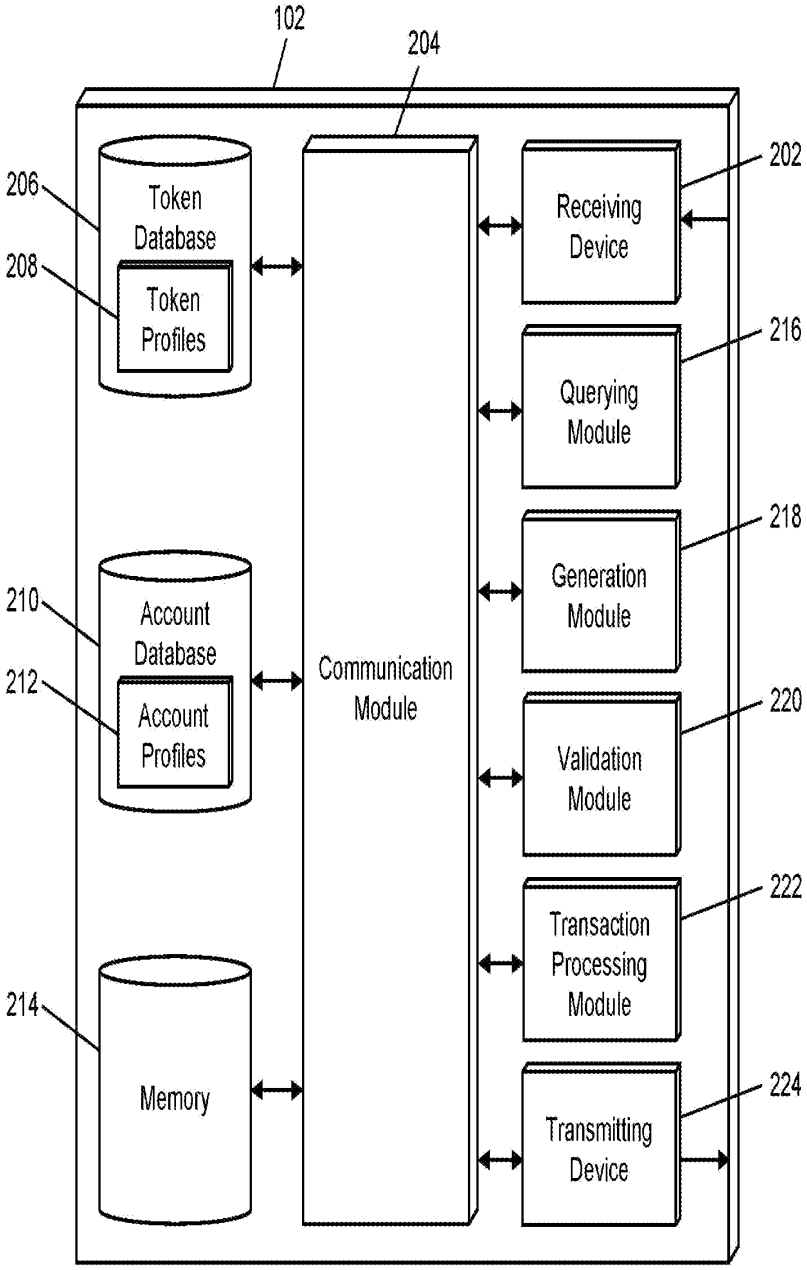

102
204
206
208
Token Database
Token Profiles
210
212
Account Database
Account Profiles
214
Memory
Communication Module
202
Receiving Device
216
Querying Module
218
Generation Module
220
Validation Module
222
Transaction Processing Module
224
Transmitting Device

FIG. 2

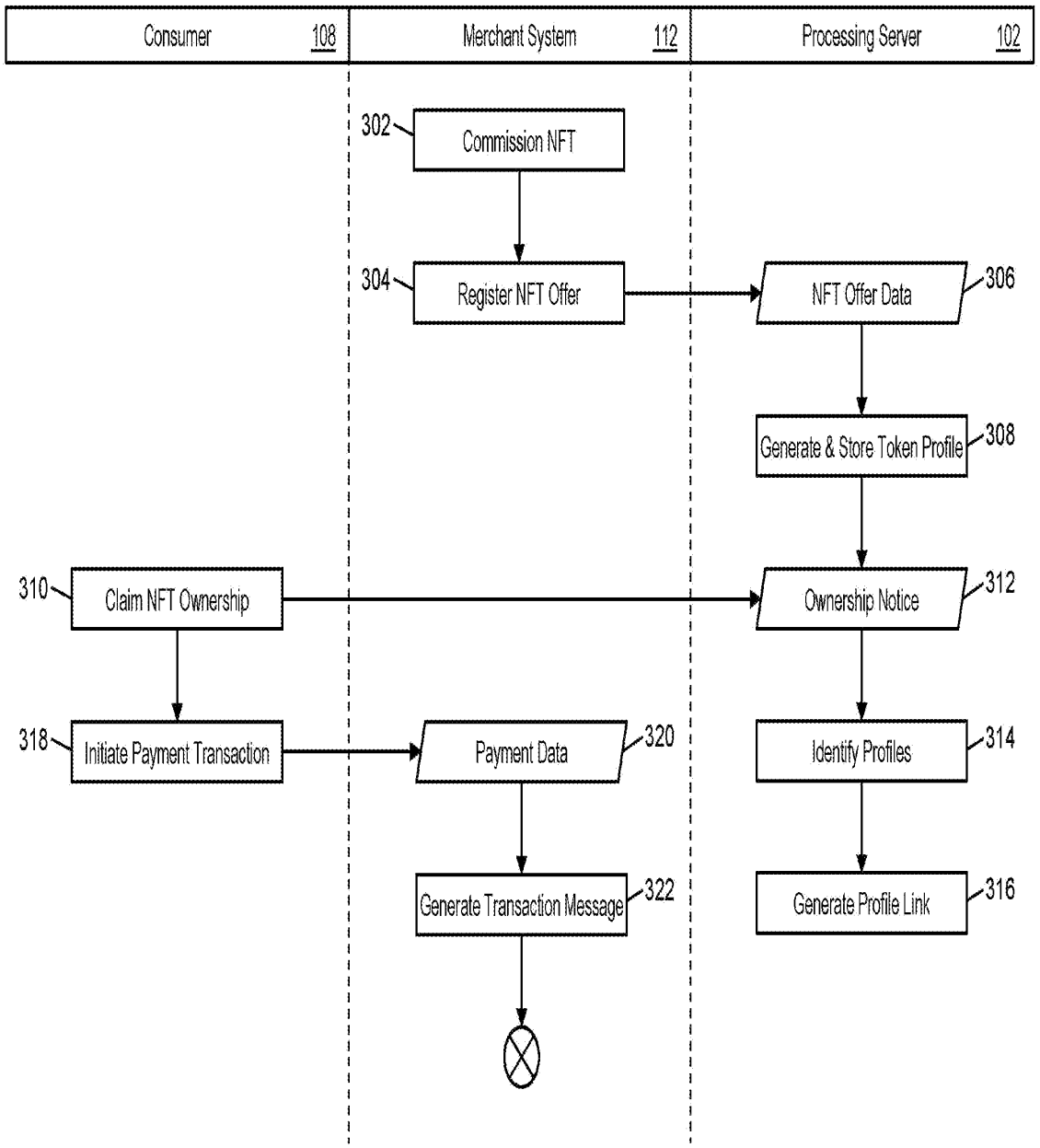

Consumer 108
Merchant System 112
Processing Server 102
302
Commission NFT
304
Register NFT Offer
NFT Offer Data
306
Generate & Store Token Profile
308
310
Claim NFT Ownership
Ownership Notice
312
318
Initiate Payment Transaction
Payment Data
320
Identify Profiles
314
Generate Transaction Message
322
Generate Profile Link
316

FIG. 3A

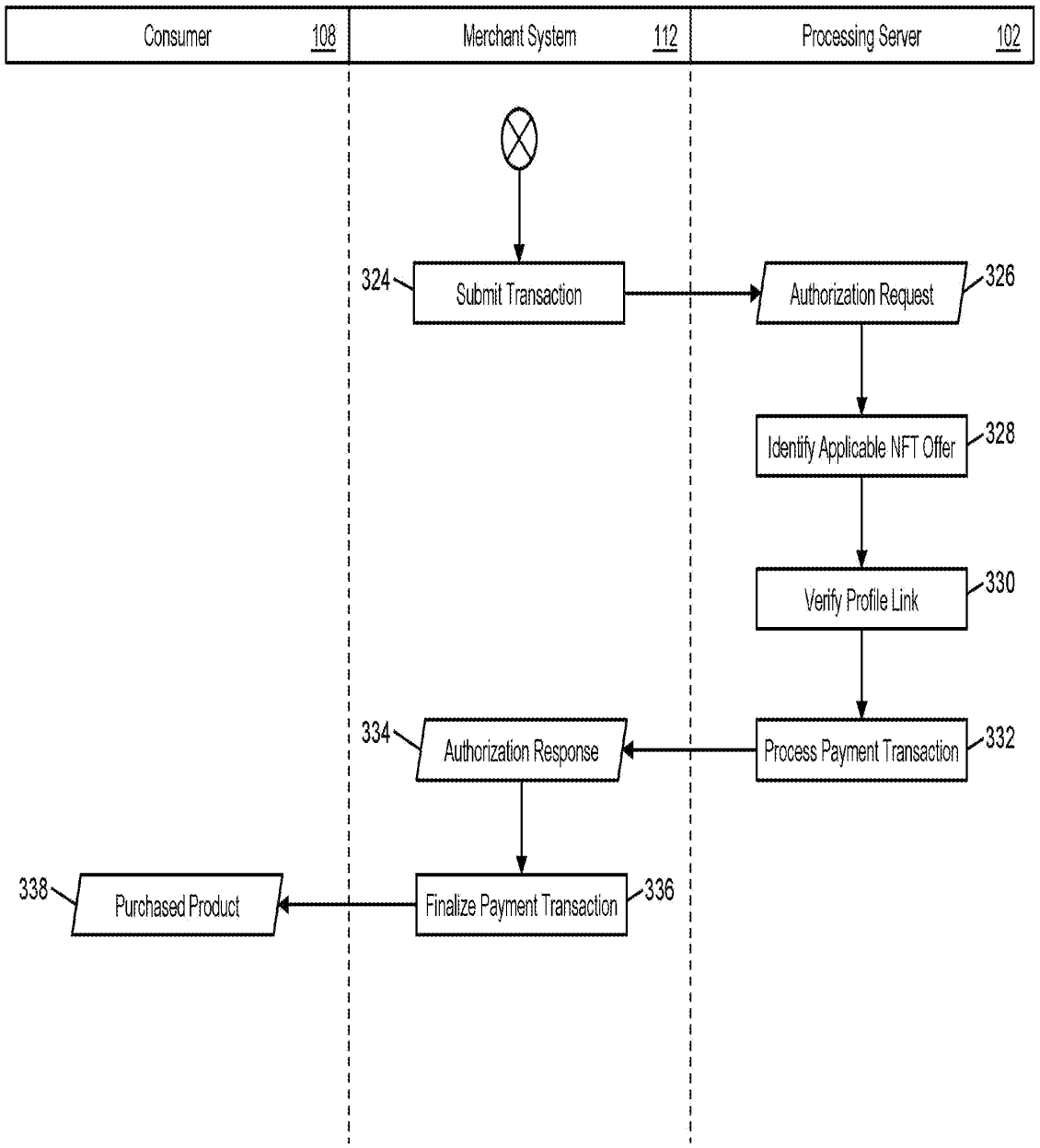

Consumer 108
Merchant System 112
Processing Server 102
324
Submit Transaction
Authorization Request
326
Identify Applicable NFT Offer
328
Verify Profile Link
330
334
Authorization Response
Process Payment Transaction
332
338
Purchased Product
Finalize Payment Transaction
336

FIG. 3B

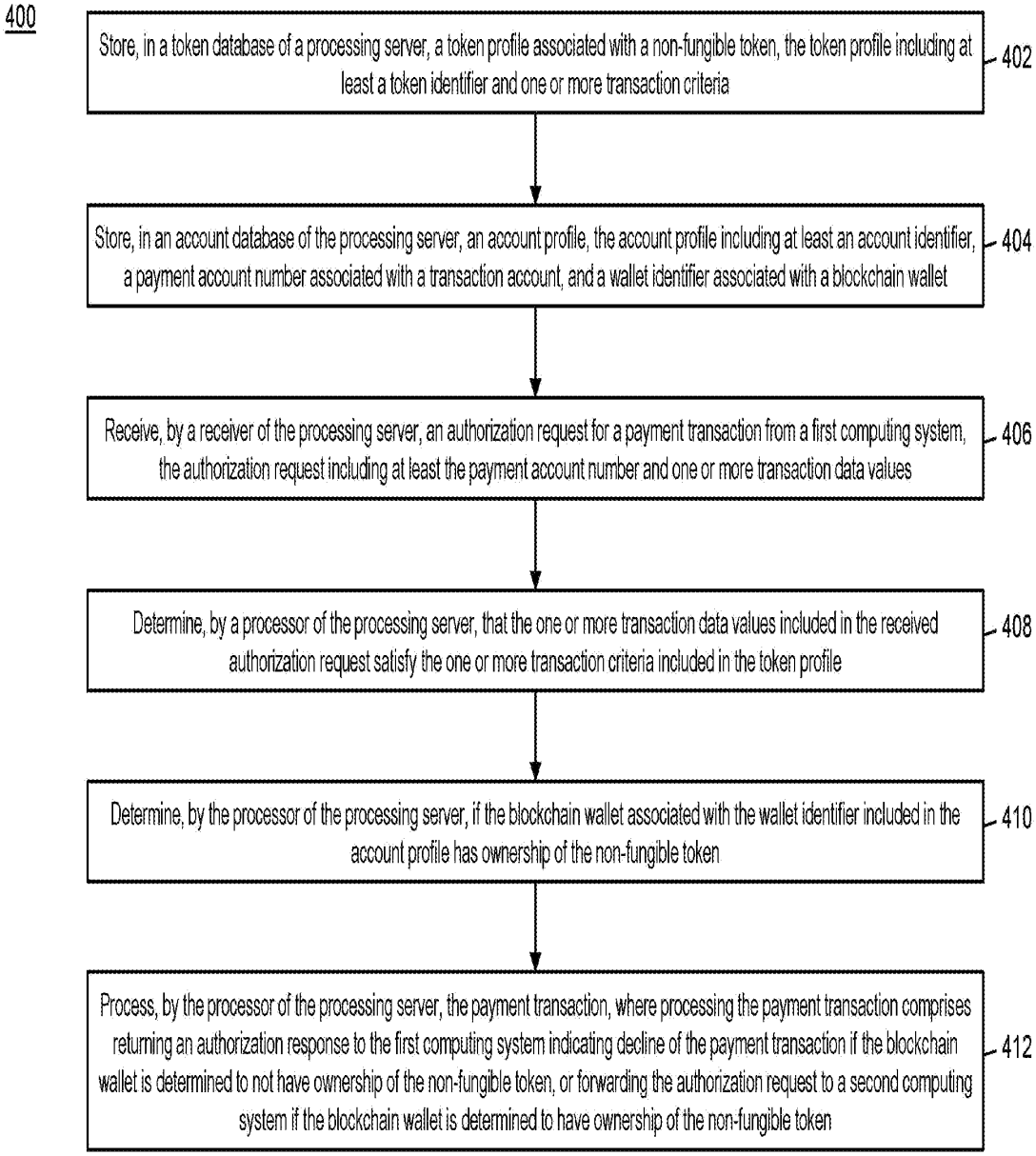

400
Store, in a token database of a processing server, a token profile associated with a non-fungible token, the token profile including at least a token identifier and one or more transaction criteria
402
Store, in an account database of the processing server, an account profile, the account profile including at least an account identifier, a payment account number associated with a transaction account, and a wallet identifier associated with a blockchain wallet
404
Receive, by a receiver of the processing server, an authorization request for a payment transaction from a first computing system, the authorization request including at least the payment account number and one or more transaction data values
406
Determine, by a processor of the processing server, that the one or more transaction data values included in the received authorization request satisfy the one or more transaction criteria included in the token profile
408
Determine, by the processor of the processing server, if the blockchain wallet associated with the wallet identifier included in the account profile has ownership of the non-fungible token
410
Process, by the processor of the processing server, the payment transaction, where processing the payment transaction comprises returning an authorization response to the first computing system indicating decline of the payment transaction if the blockchain wallet is determined to not have ownership of the non-fungible token, or forwarding the authorization request to a second computing system if the blockchain wallet is determined to have ownership of the non-fungible token
412

FIG. 4

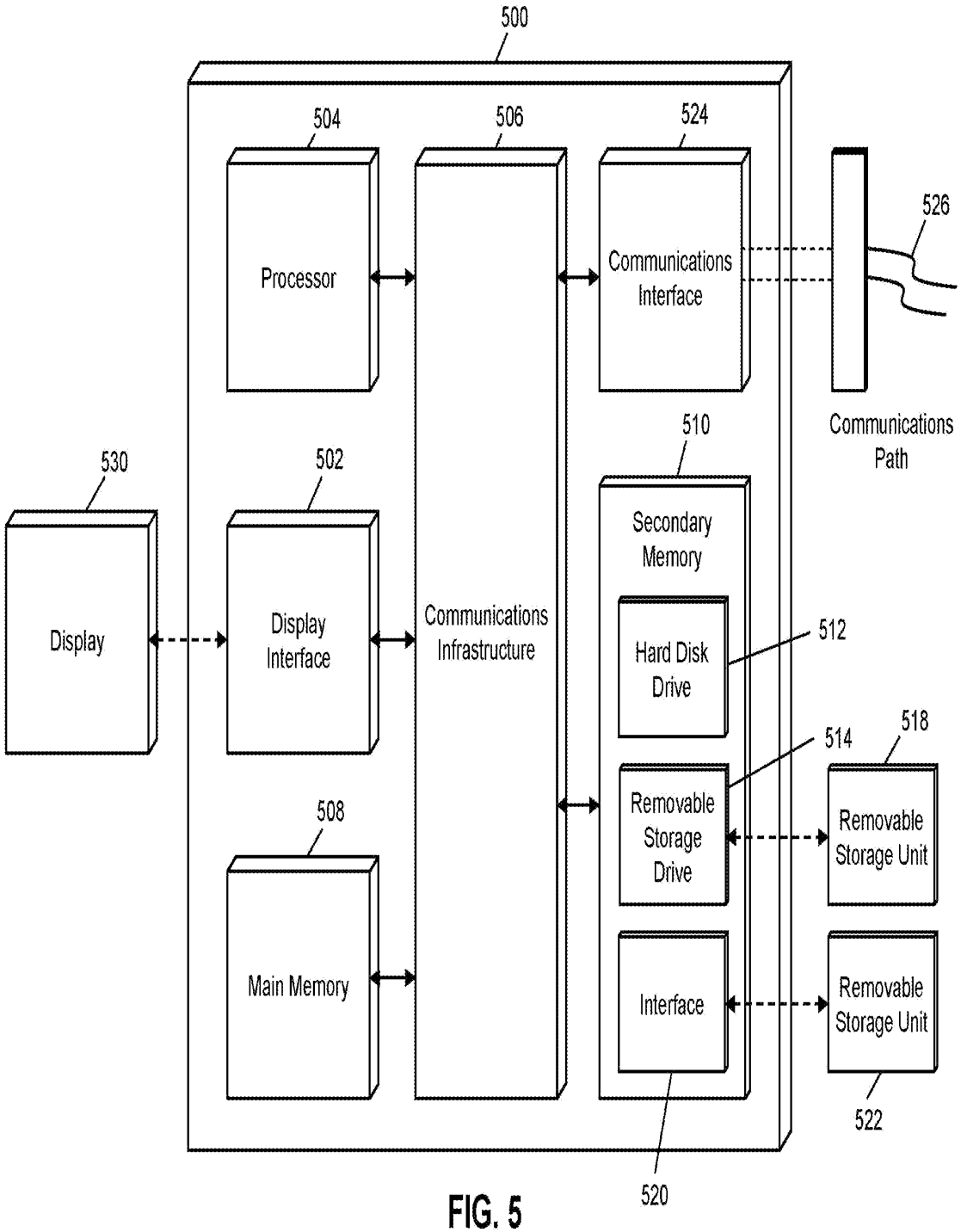

500
504
506
524
526
Processor
Communications Interface
Communications Path
510
530
502
Secondary Memory
Display
Display Interface
Communications Infrastructure
Hard Disk Drive
512
514
518
Removable Storage Drive
Removable Storage Unit
508
Main Memory
Interface
Removable Storage Unit
522
520

FIG. 5