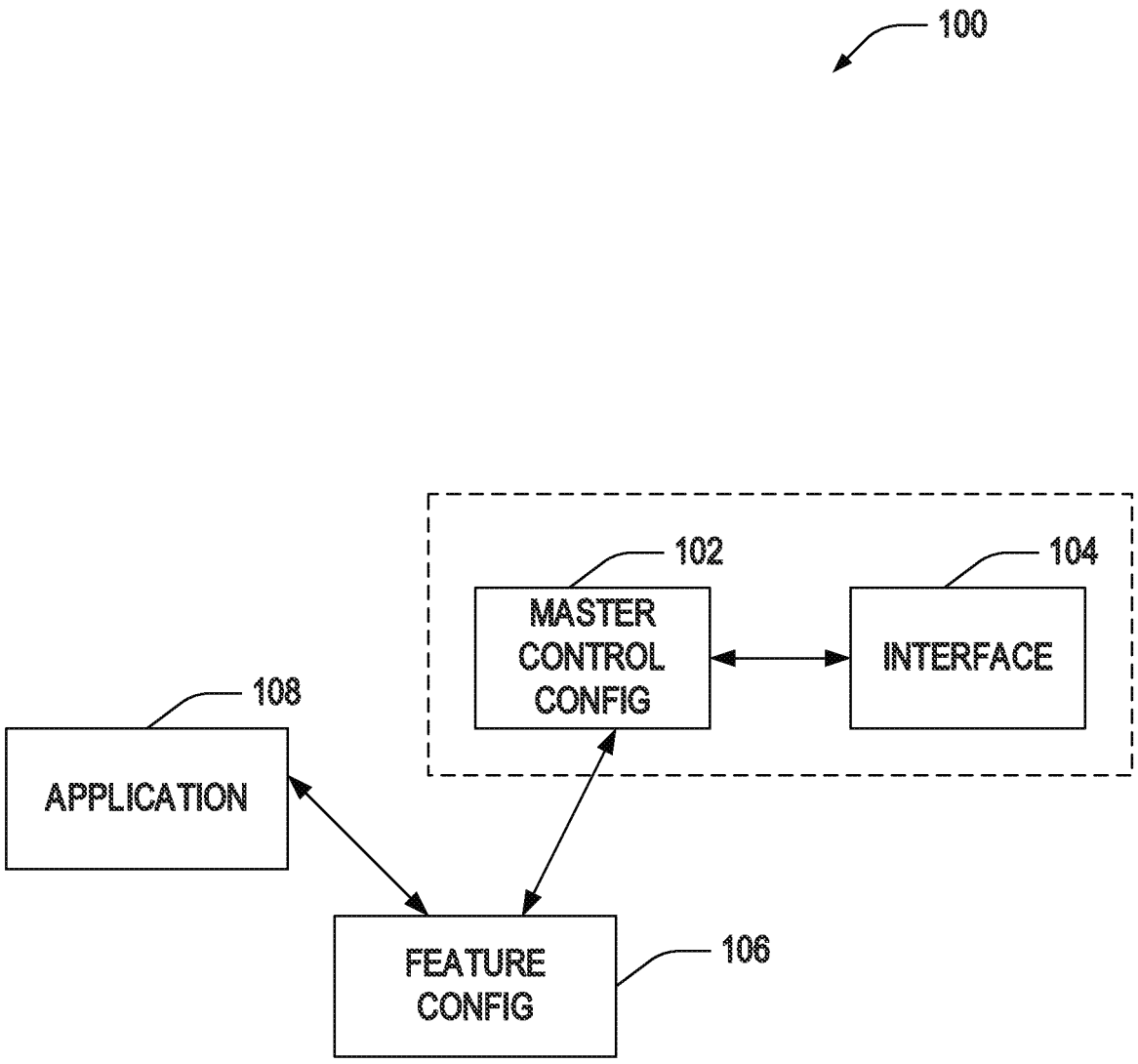

100
102
MASTER CONTROL CONFIG
104
INTERFACE
108
APPLICATION
FEATURE CONFIG
106

FIG. 1

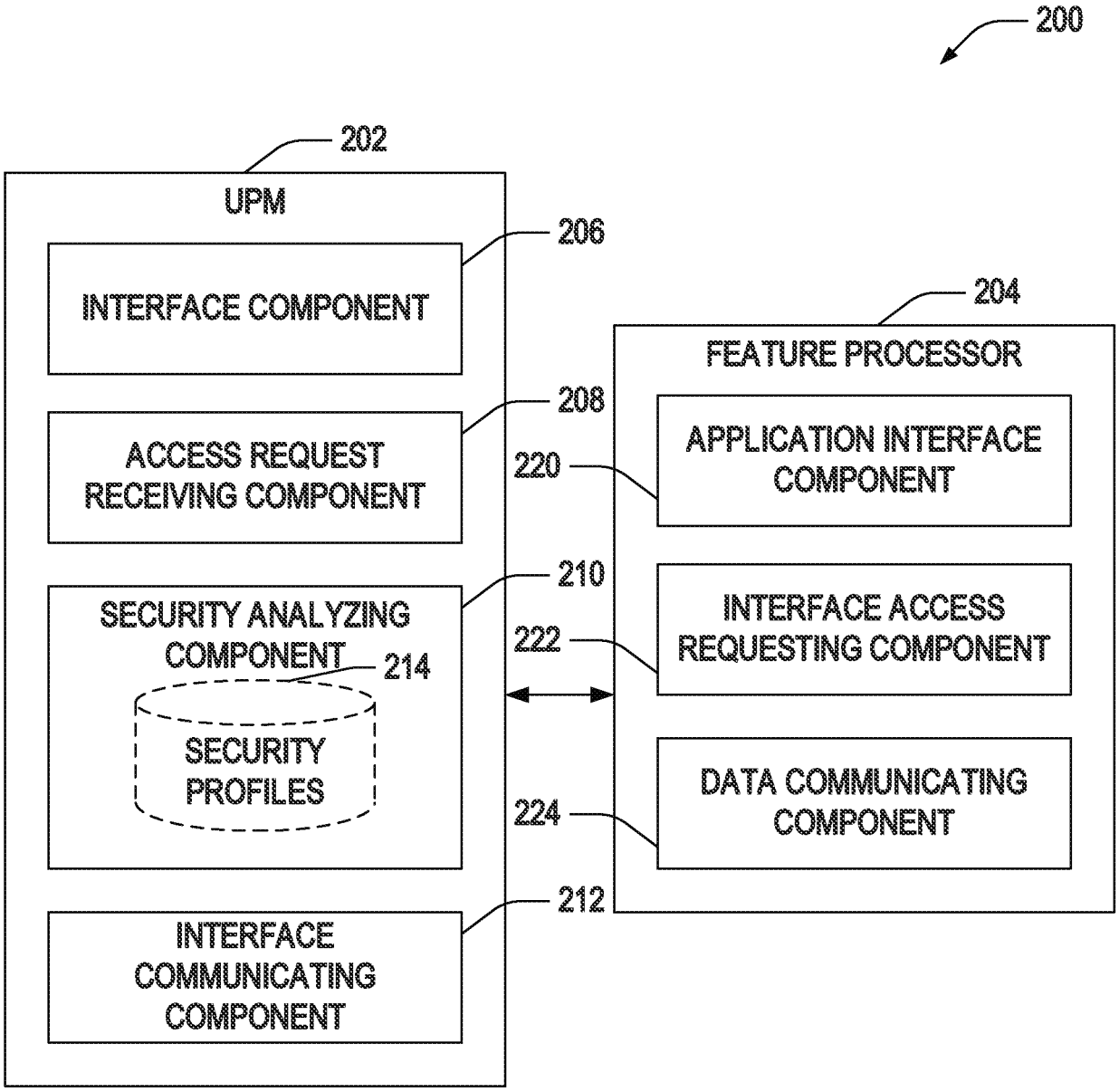

200
202
UPM
206
INTERFACE COMPONENT
204
FEATURE PROCESSOR
208
ACCESS REQUEST RECEIVING COMPONENT
220
APPLICATION INTERFACE COMPONENT
210
SECURITY ANALYZING COMPONENT
214
SECURITY PROFILES
222
INTERFACE ACCESS REQUESTING COMPONENT
224
DATA COMMUNICATING COMPONENT
212
INTERFACE COMMUNICATING COMPONENT

FIG. 2

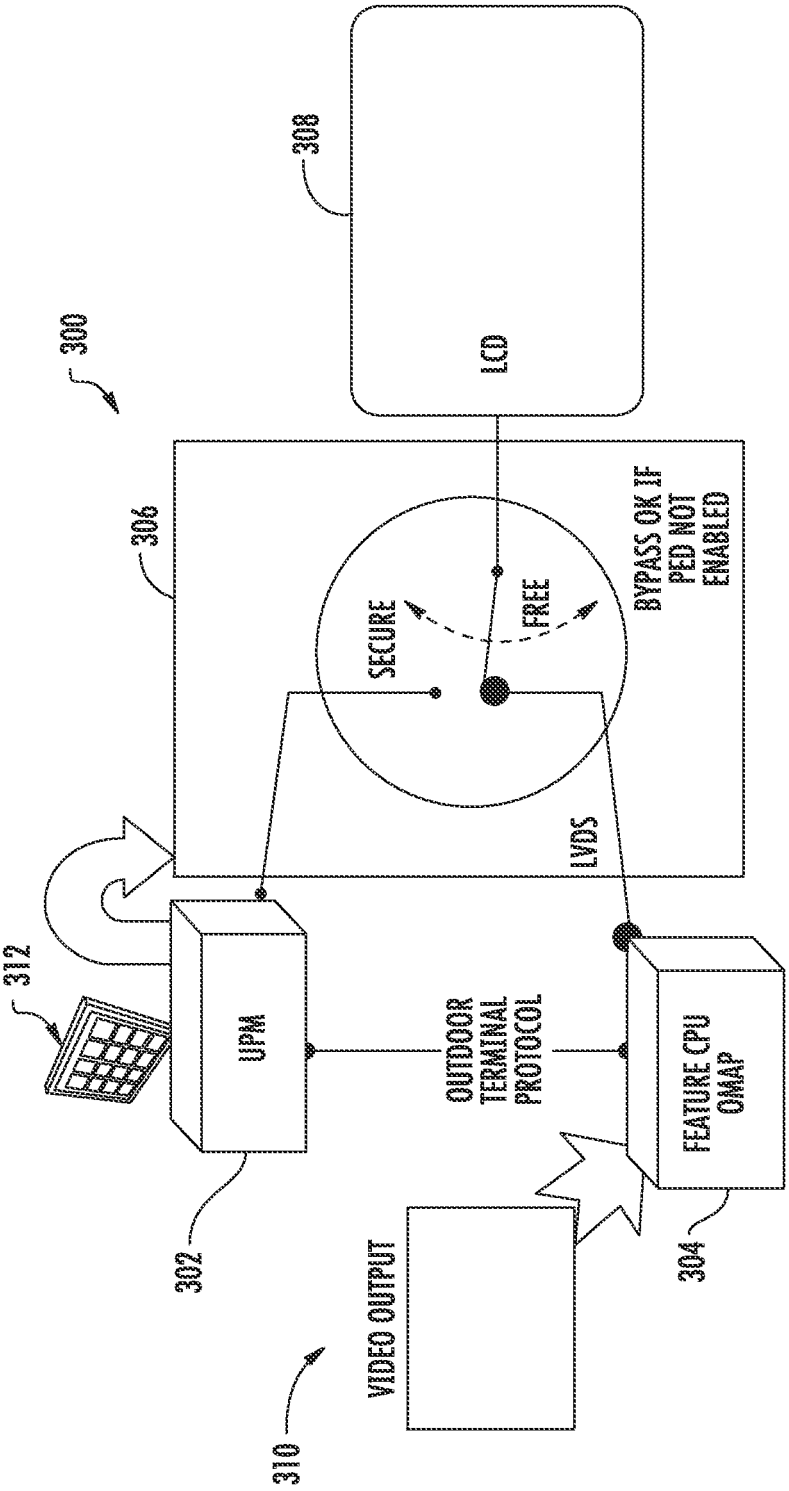

300
308
LCD
306
SECURE
FREE
BYPASS OK IF PED NOT ENABLED
LVDS
312
UPM
OUTDOOR TERMINAL PROTOCOL
FEATURE CPU OMAP
302
304
VIDEO OUTPUT
310

FIG. 3

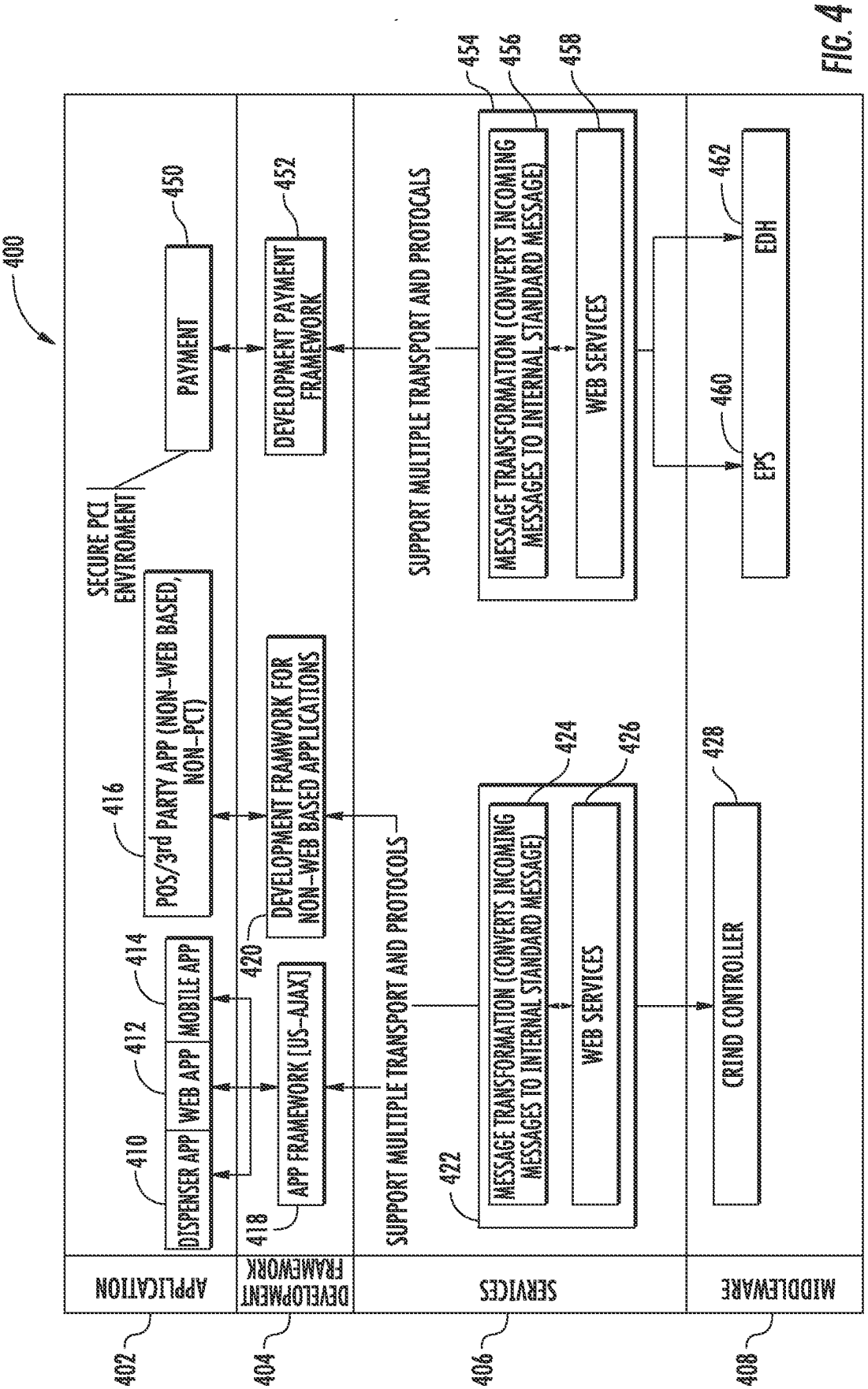

400
APPLICATION
DEVELOPMENT FRAMEWORK
SERVICES
MIDDLEWARE
402
404
406
408
SECURE PCI ENVIRONMENT
DISPENSER APP
WEB APP
MOBILE APP
410
412
414
POS/3rd PARTY APP (NON-WEB BASED, NON-PCI)
416
APP FRAMEWORK (UI5-AJAX)
418
DEVELOPMENT FRAMWORK FOR NON-WEB BASED APPLICATIONS
420
PAYMENT
450
DEVELOPMENT PAYMENT FRAMEWORK
452
SUPPORT MULTIPLE TRANSPORT AND PROTOCOLS
SUPPORT MULTIPLE TRANSPORT AND PROTOCOLS
422
MESSAGE TRANSFORMATION (CONVERTS INCOMING MESSAGES TO INTERNAL STANDARD MESSAGE)
424
WEB SERVICES
426
MESSAGE TRANSFORMATION (CONVERTS INCOMING MESSAGES TO INTERNAL STANDARD MESSAGE)
454
WEB SERVICES
456
458
CRIND CONTROLLER
428
EPS
460
EDH
462

FIG. 4

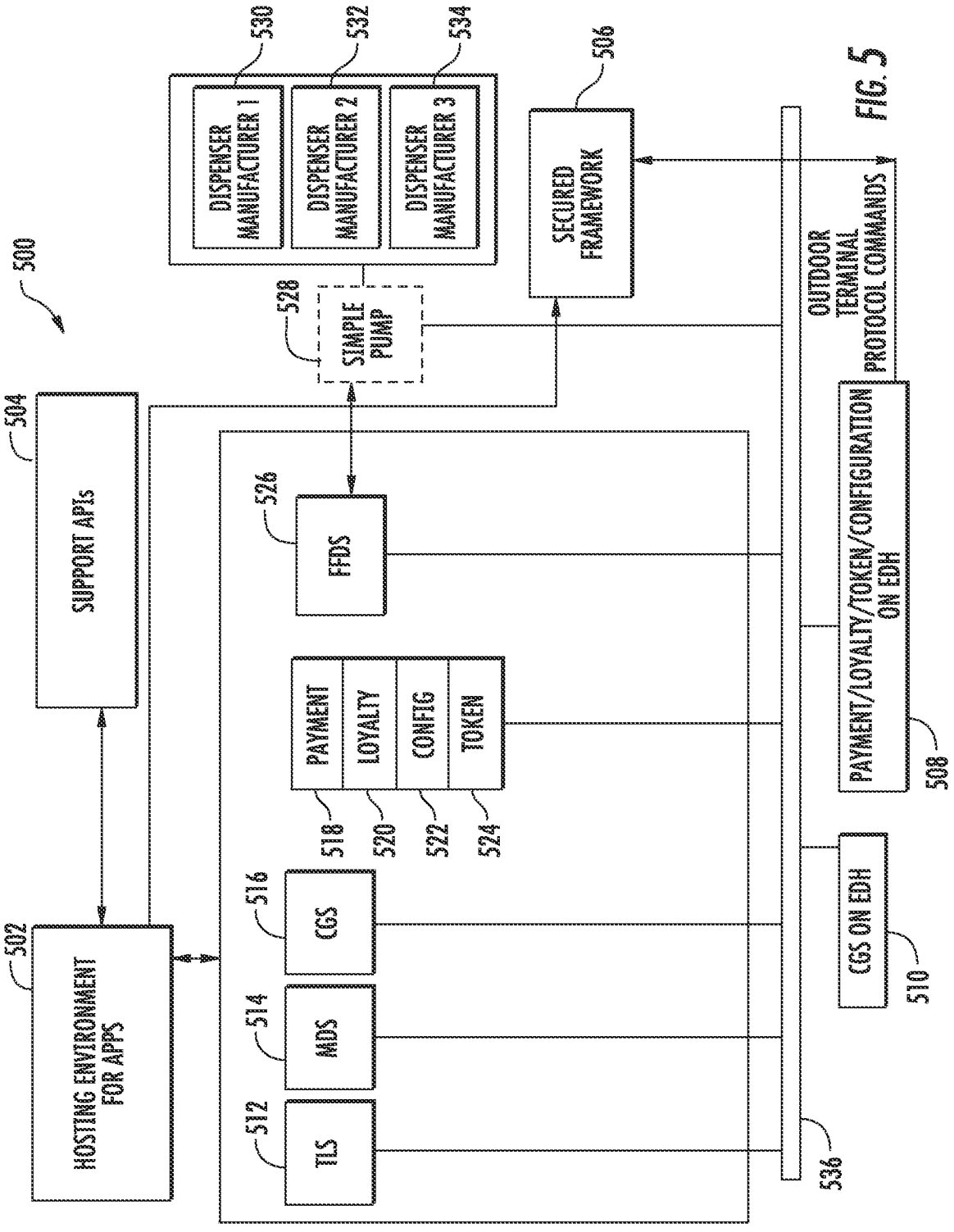

500
502
HOSTING ENVIRONMENT FOR APPS
504
SUPPORT APIs
506
SECURED FRAMEWORK
508
PAYMENT/LOYALTY/TOKEN/CONFIGURATION ON EDH
510
CGS ON EDH
512
TLS
514
MDS
516
CGS
518
PAYMENT
520
LOYALTY
522
CONFIG
524
TOKEN
526
FFDS
528
SIMPLE PUMP
530
DISPENSER MANUFACTURER 1
532
DISPENSER MANUFACTURER 2
534
DISPENSER MANUFACTURER 3
536
OUTDOOR TERMINAL PROTOCOL COMMANDS

FIG. 5

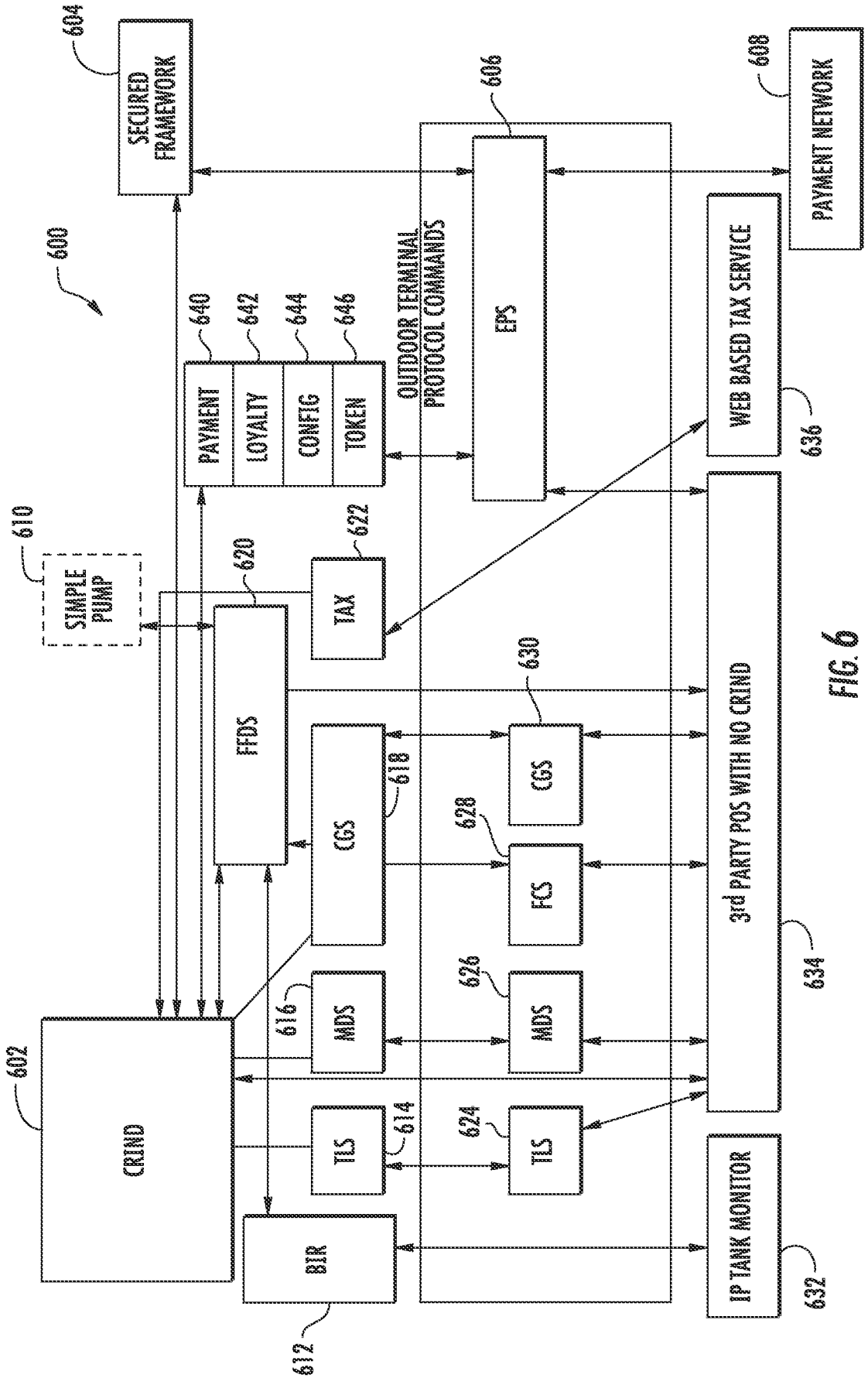

604
SECURED FRAMEWORK
606
EPS
608
PAYMENT NETWORK
600
640
642
644
646
PAYMENT
LOYALTY
CONFIG
TOKEN
OUTDOOR TERMINAL PROTOCOL COMMANDS
WEB BASED TAX SERVICE
636
610
SIMPLE PUMP
620
622
TAX
FFDS
630
CGS
618
CGS
628
FCS
626
MDS
MDS
616
602
CRIND
614
TLS
624
TLS
3rd PARTY POS WITH NO CRIND
634
BIR
612
IP TANK MONITOR
632

FIG. 6

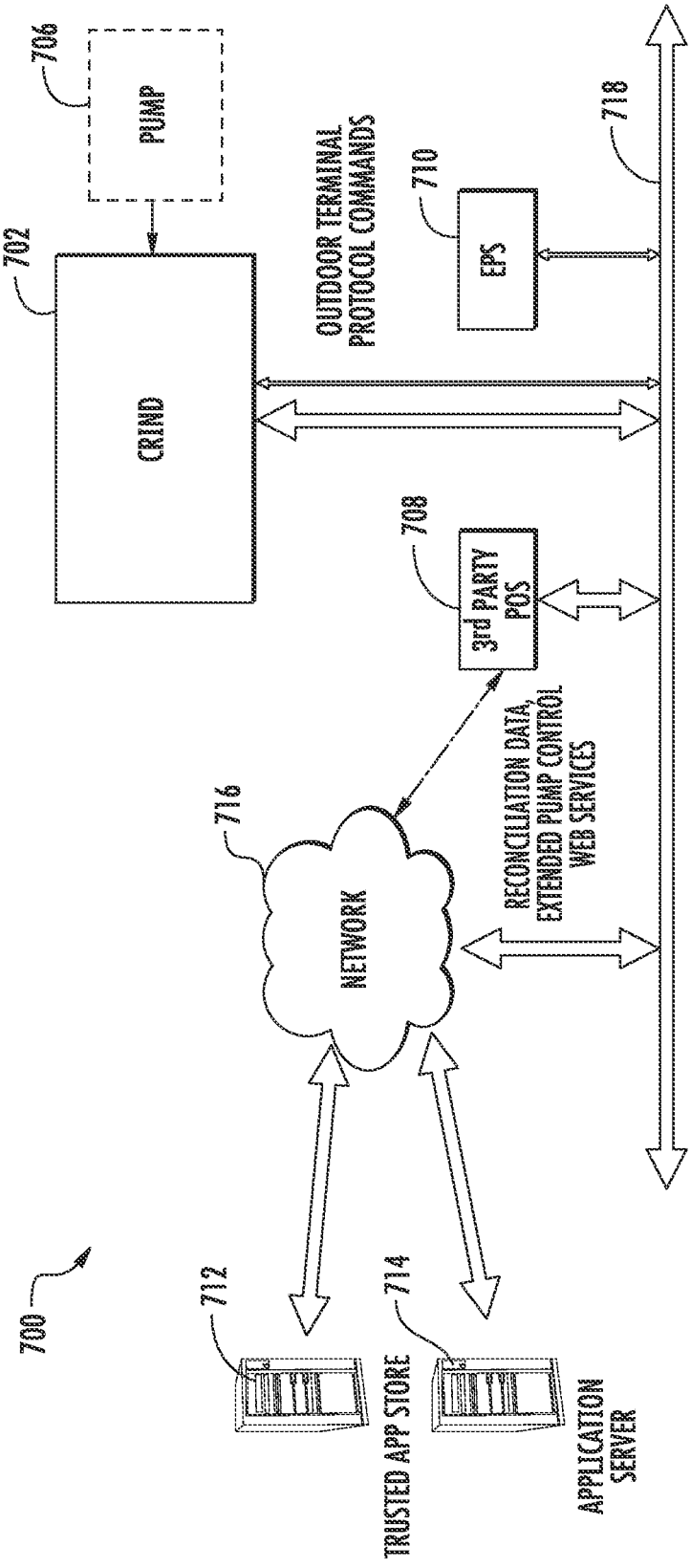

706
PUMP
702
CRIND
OUTDOOR TERMINAL PROTOCOL COMMANDS
710
EPS
718
708
3rd PARTY POS
RECONCILIATION DATA, EXTENDED PUMP CONTROL WEB SERVICES
716
NETWORK
700
712
TRUSTED APP STORE
714
APPLICATION SERVER

FIG. 7

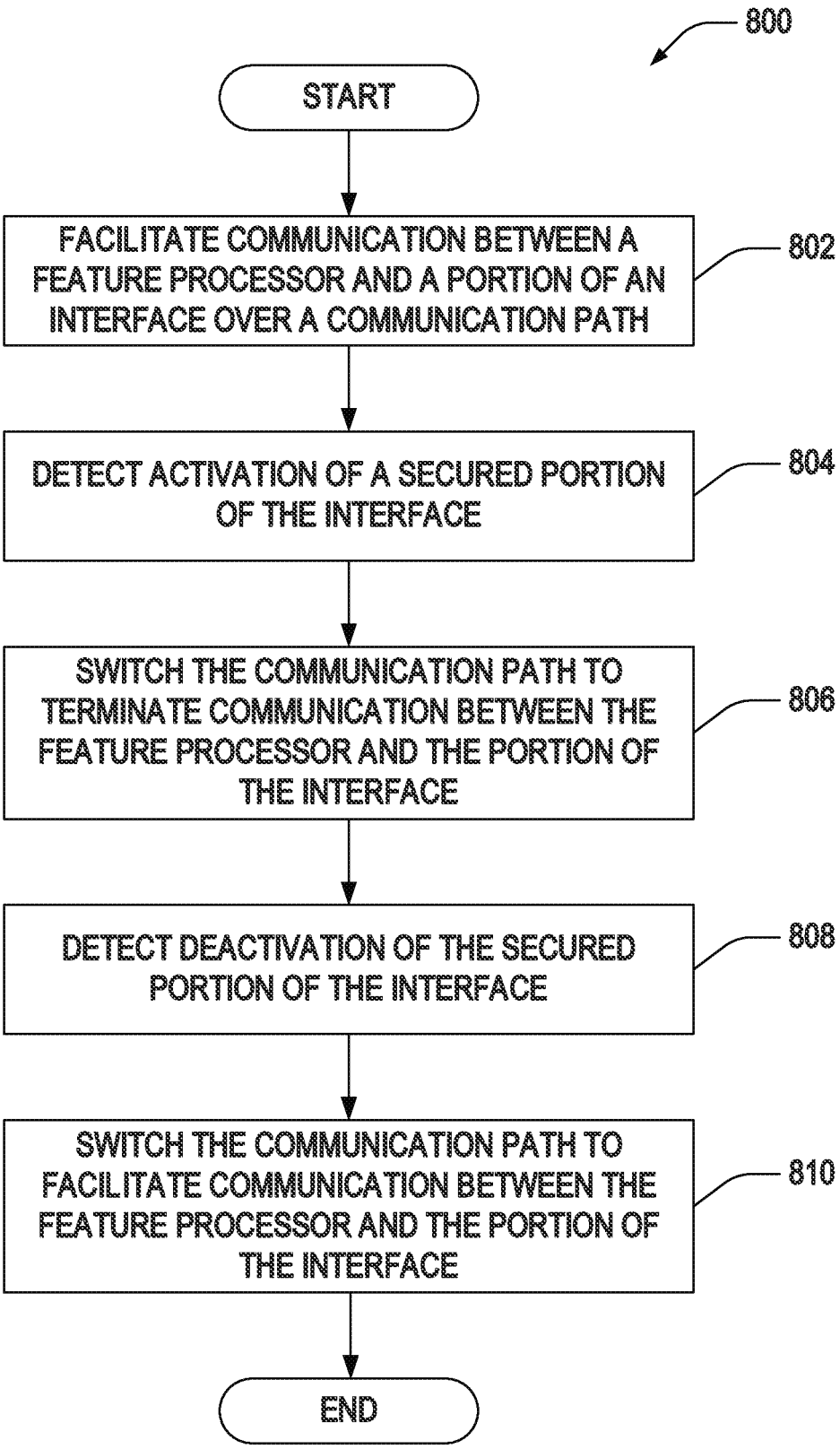

800
START
FACILITATE COMMUNICATION BETWEEN A FEATURE PROCESSOR AND A PORTION OF AN INTERFACE OVER A COMMUNICATION PATH
802
DETECT ACTIVATION OF A SECURED PORTION OF THE INTERFACE
804
SWITCH THE COMMUNICATION PATH TO TERMINATE COMMUNICATION BETWEEN THE FEATURE PROCESSOR AND THE PORTION OF THE INTERFACE
806
DETECT DEACTIVATION OF THE SECURED PORTION OF THE INTERFACE
808
SWITCH THE COMMUNICATION PATH TO FACILITATE COMMUNICATION BETWEEN THE FEATURE PROCESSOR AND THE PORTION OF THE INTERFACE
810
END

FIG. 8

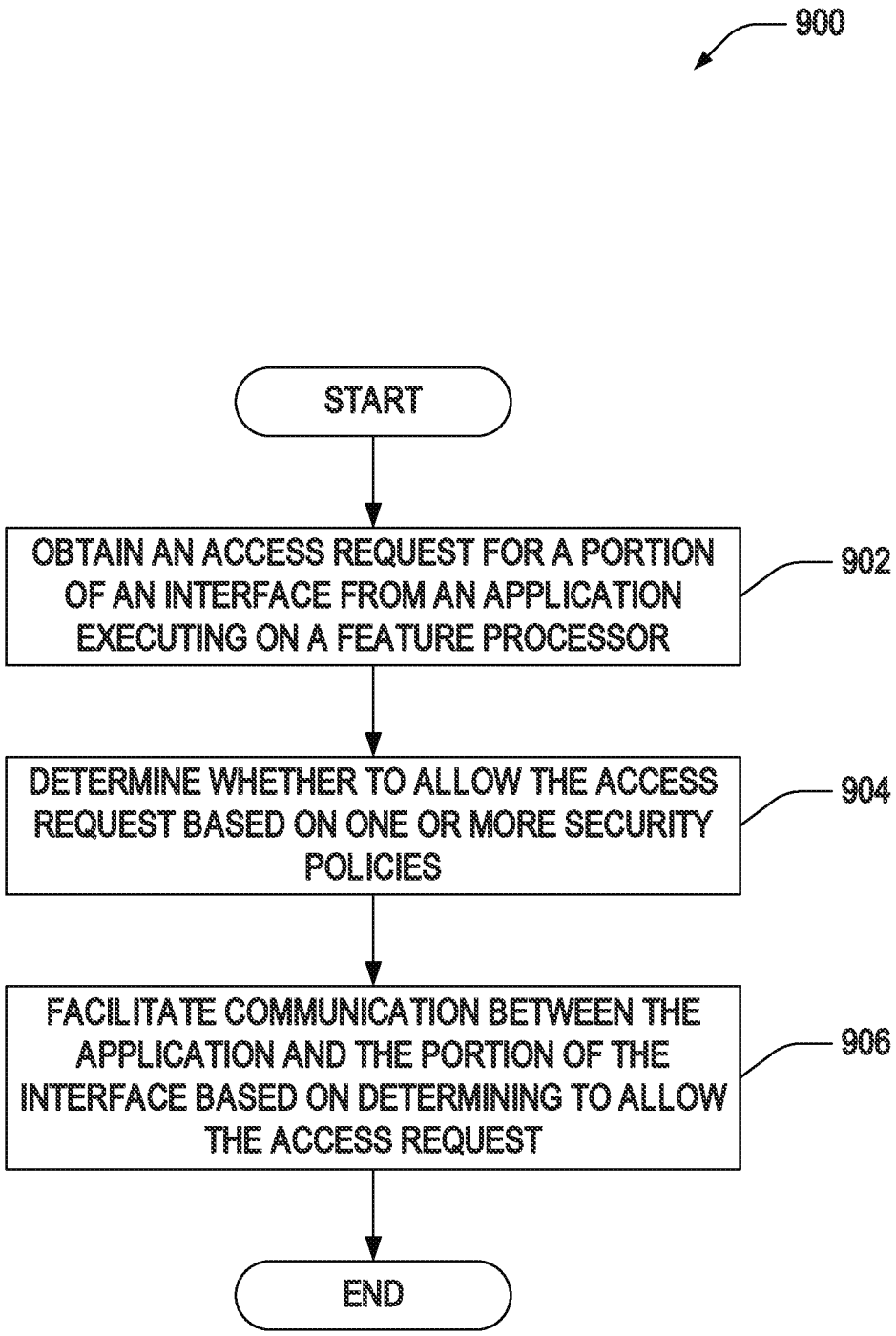

900
START
OBTAIN AN ACCESS REQUEST FOR A PORTION OF AN INTERFACE FROM AN APPLICATION EXECUTING ON A FEATURE PROCESSOR
902
DETERMINE WHETHER TO ALLOW THE ACCESS REQUEST BASED ON ONE OR MORE SECURITY POLICIES
904
FACILITATE COMMUNICATION BETWEEN THE APPLICATION AND THE PORTION OF THE INTERFACE BASED ON DETERMINING TO ALLOW THE ACCESS REQUEST
906
END

FIG. 9

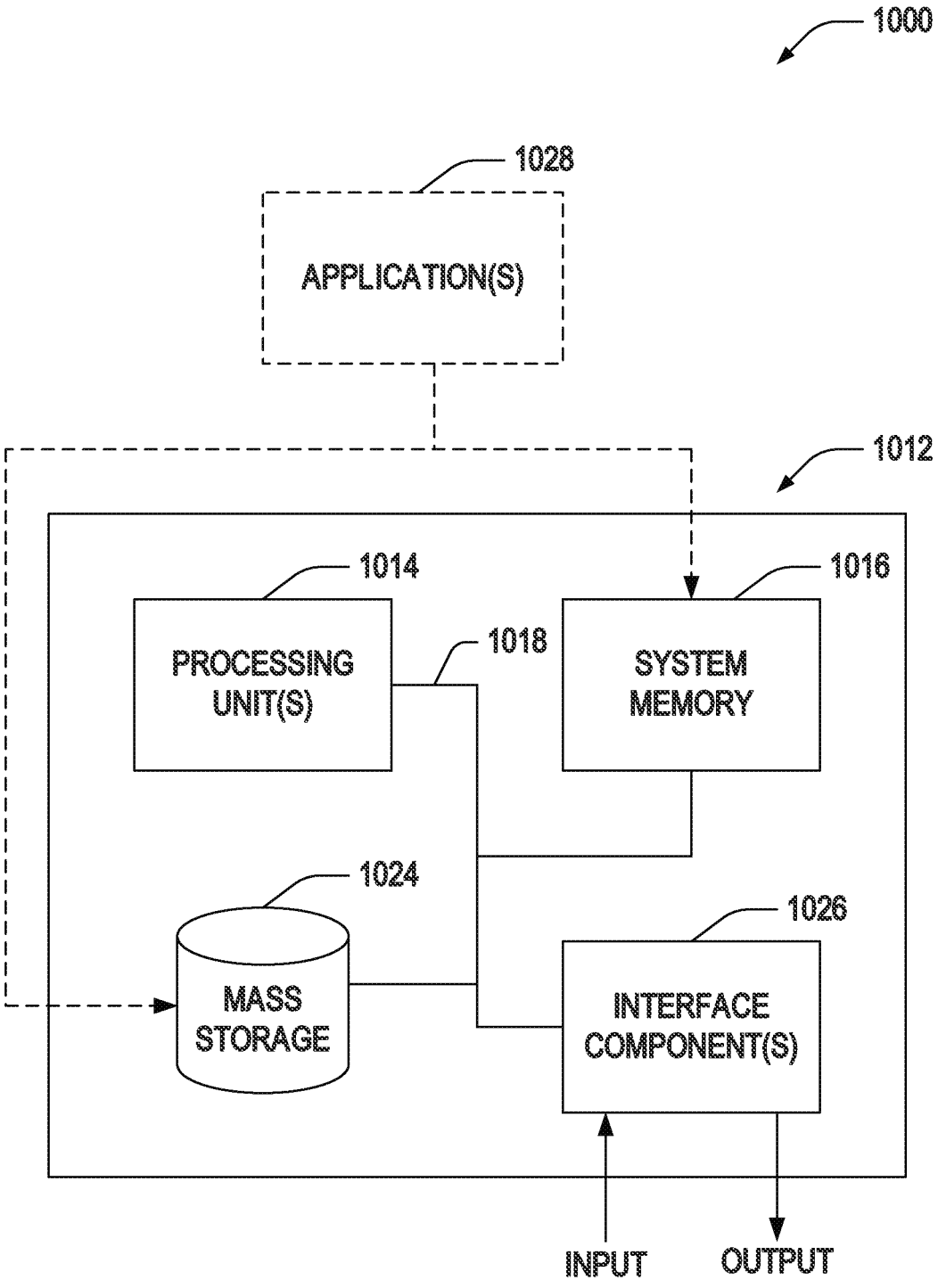

1000
1028
APPLICATION(S)
1012
1014
1016
PROCESSING UNIT(S)
1018
SYSTEM MEMORY
1024
1026
MASS STORAGE
INTERFACE COMPONENT(S)
INPUT
OUTPUT

FIG. 10

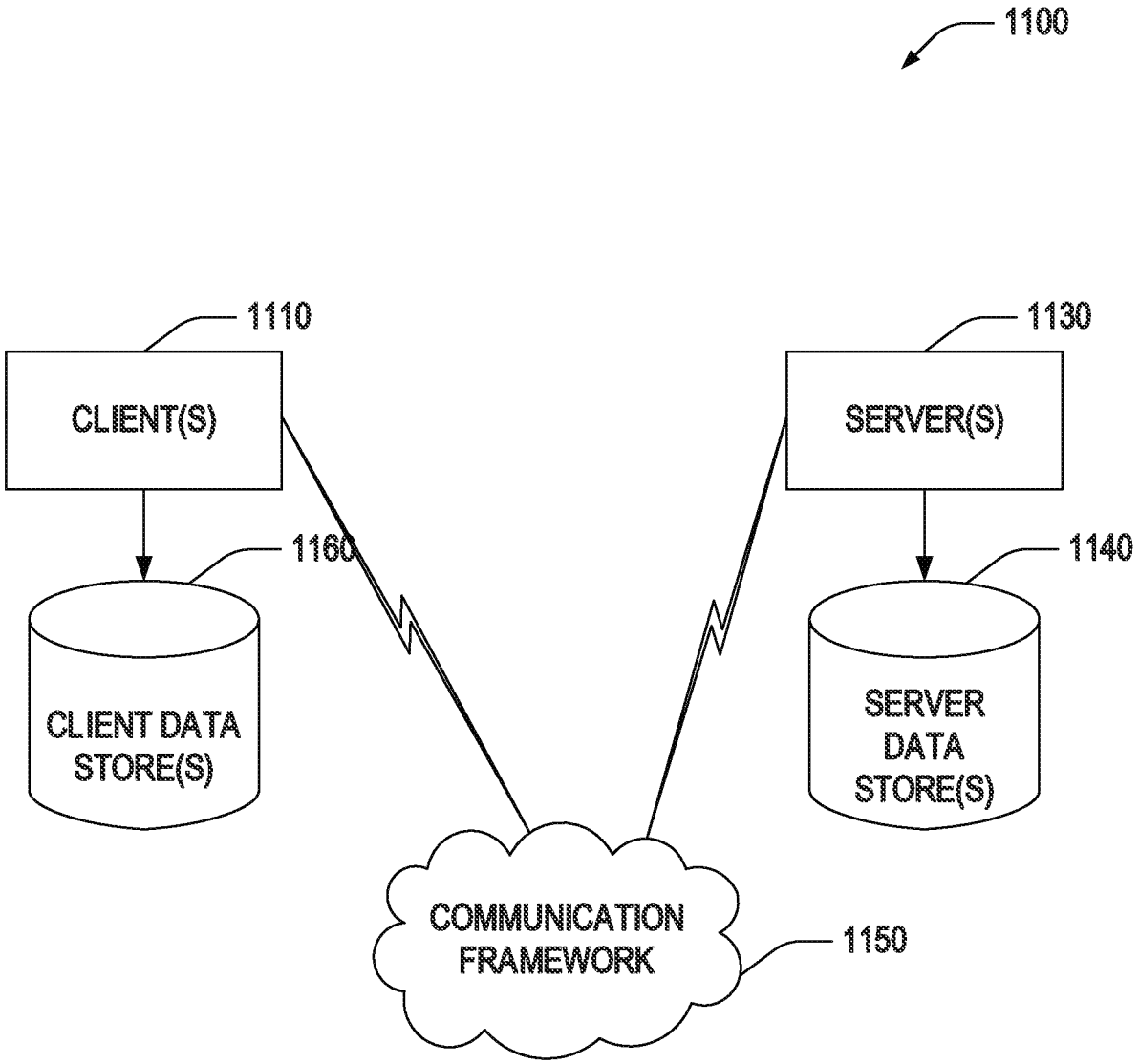

1100
1110
CLIENT(S)
1130
SERVER(S)
1160
CLIENT DATA STORE(S)
1140
SERVER DATA STORE(S)
COMMUNICATION FRAMEWORK
1150

FIG. 11