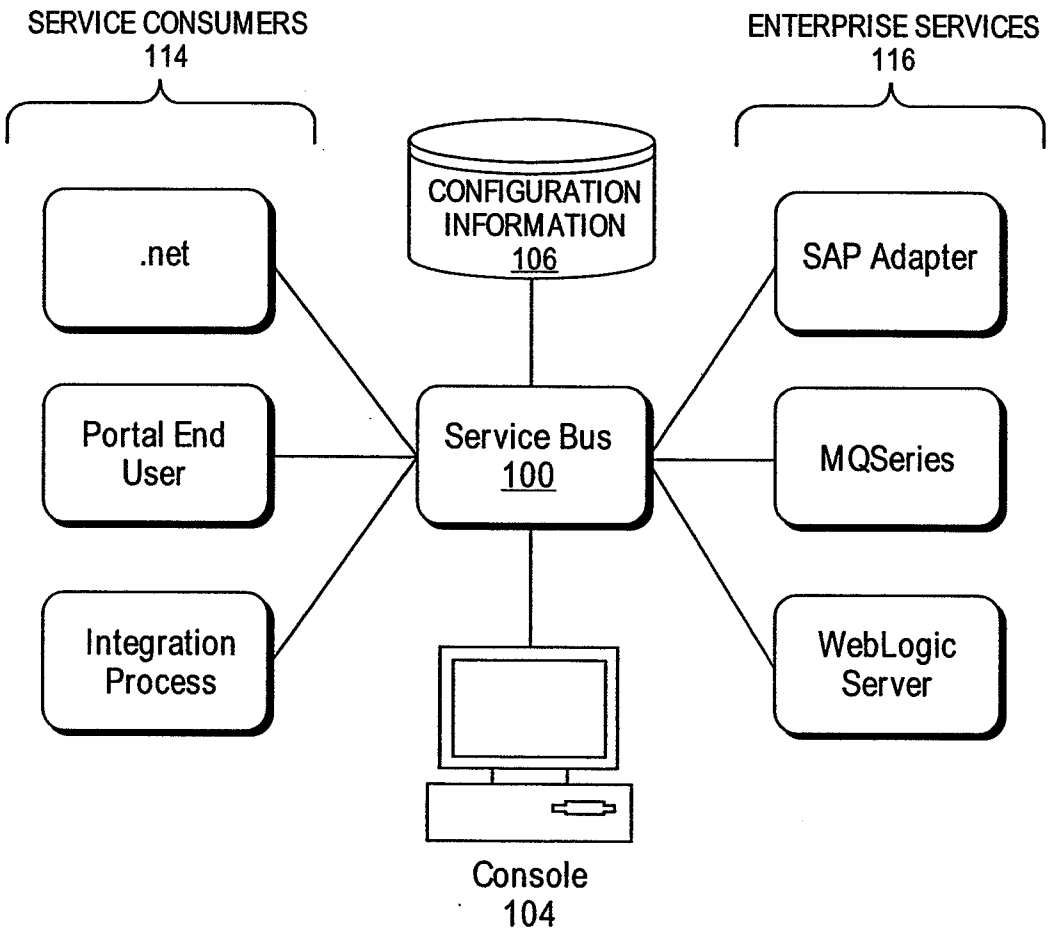

SERVICE CONSUMERS
114
ENTERPRISE SERVICES
116
CONFIGURATION
INFORMATION
106
.net
Portal End
User
Integration
Process
Service Bus
100
SAP Adapter
MQSeries
WebLogic
Server
Console
104

FIG. 1A

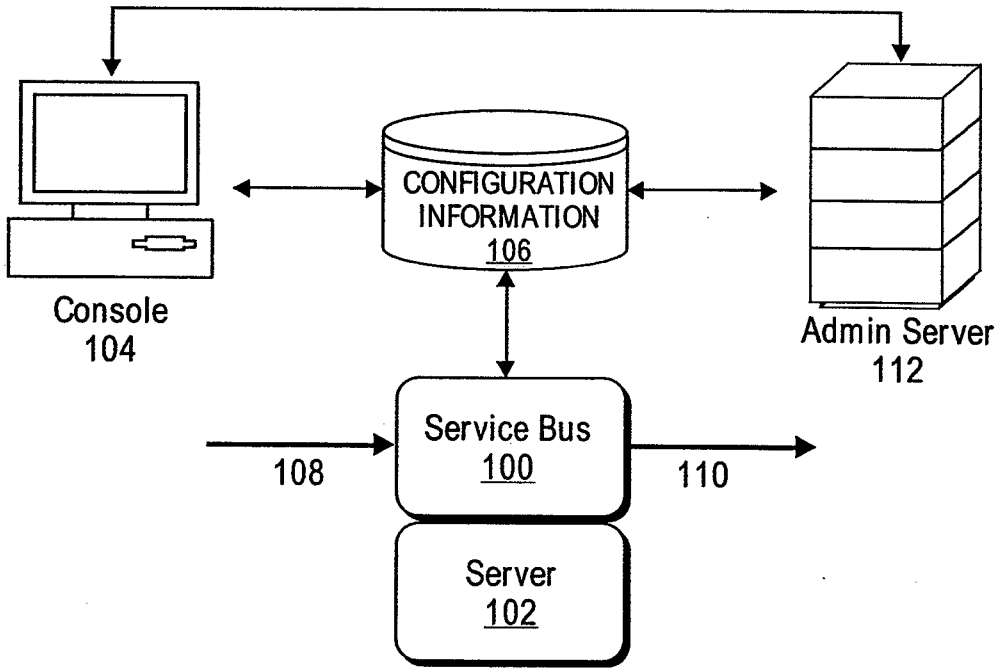

CONFIGURATION
INFORMATION
106
Console
104
Admin Server
112
Service Bus
100
108
110
Server
102

FIG. 1B

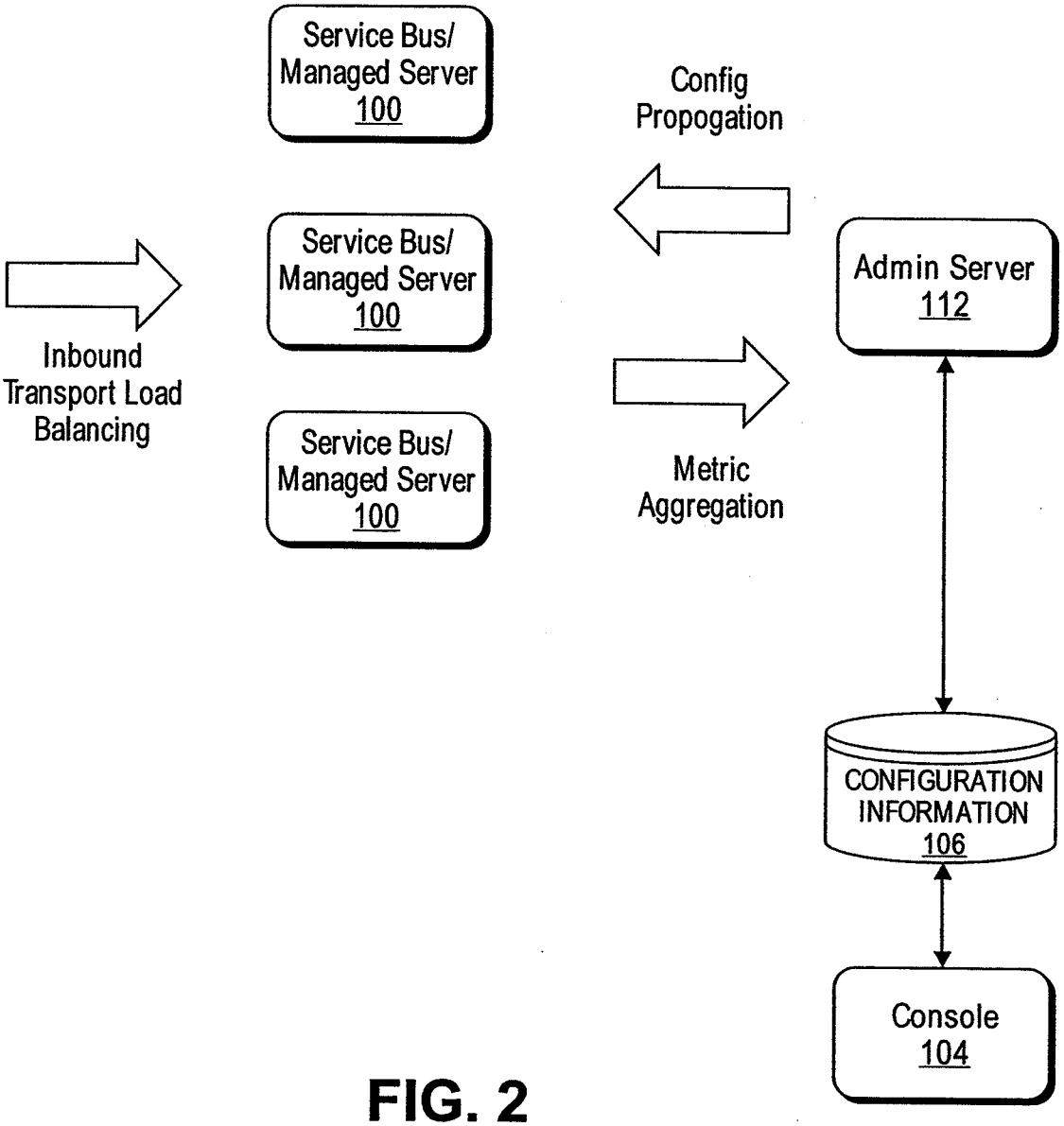

Service Bus/
Managed Server
100
Service Bus/
Managed Server
100
Service Bus/
Managed Server
100
Inbound
Transport Load
Balancing
Config
Propogation
Metric
Aggregation
Admin Server
112
CONFIGURATION
INFORMATION
106
Console
104

FIG. 2

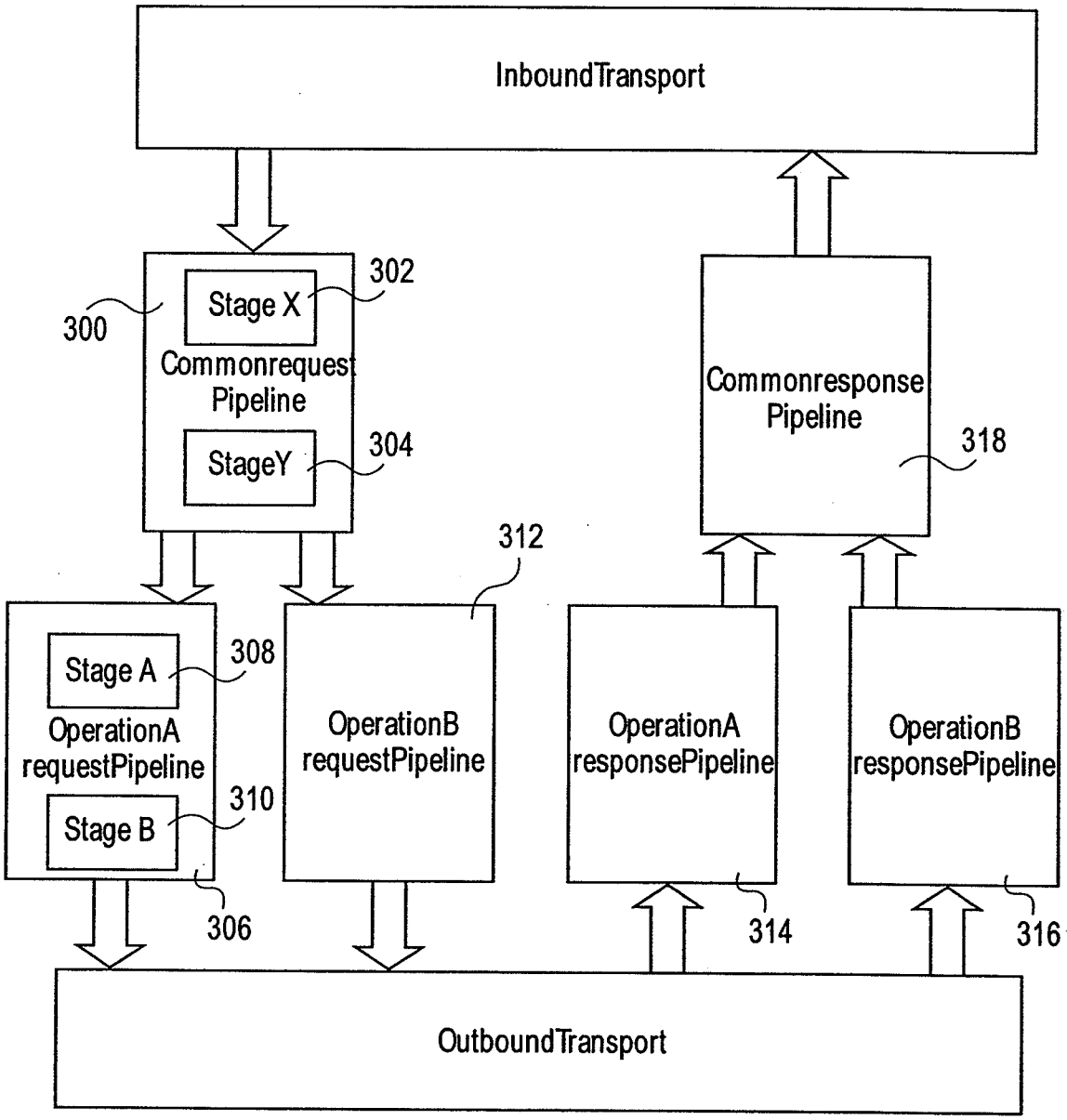

InboundTransport
Stage X
302
300
Commonrequest
Pipeline
StageY
304
Commonresponse
Pipeline
318
312
Stage A
308
OperationA
requestPipeline
Stage B
310
306
OperationB
requestPipeline
OperationA
responsePipeline
314
OperationB
responsePipeline
316
OutboundTransport

FIG. 3

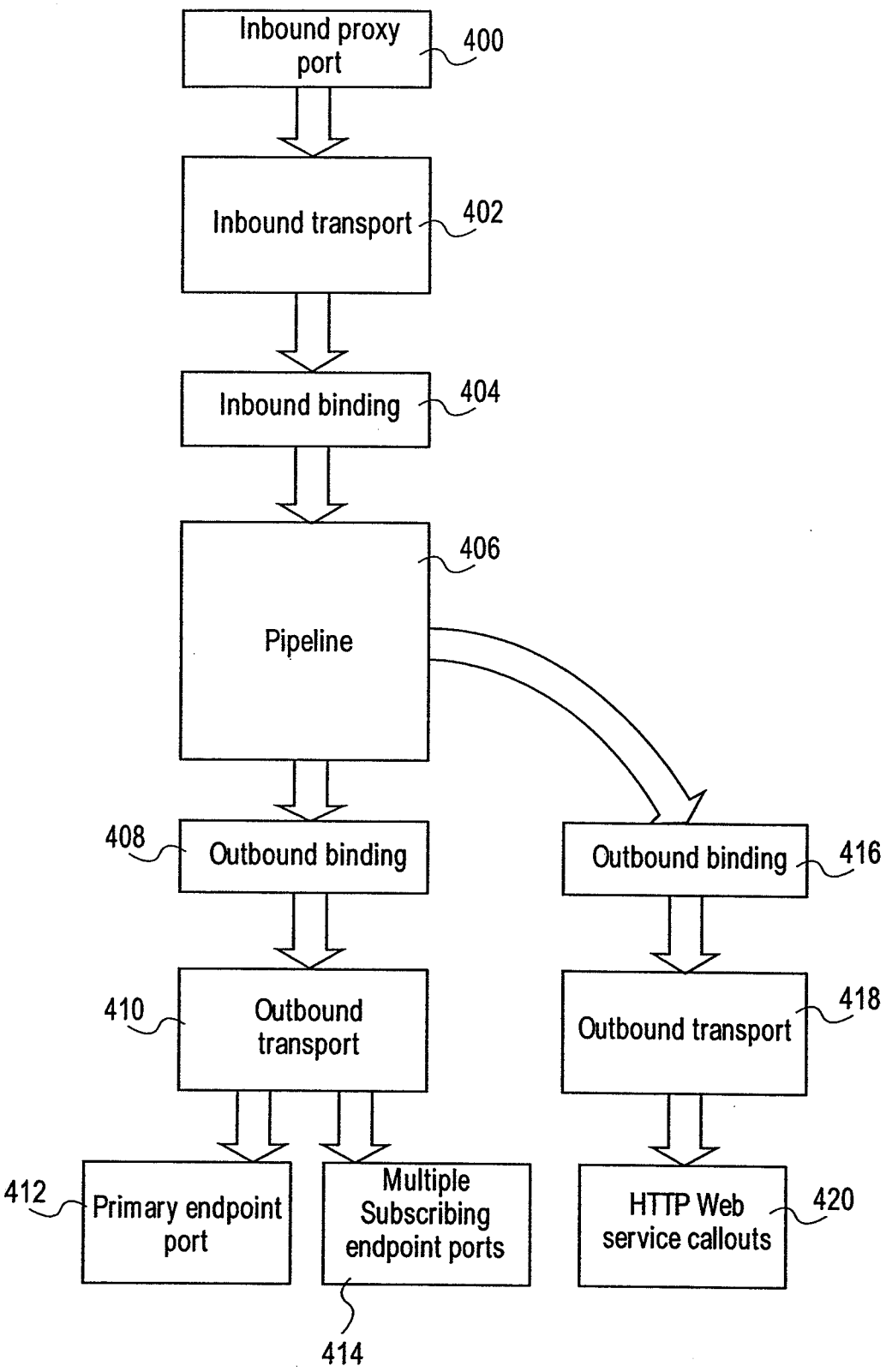

Inbound proxy port
400
Inbound transport
402
Inbound binding
404
Pipeline
406
408
Outbound binding
Outbound binding
416
410
Outbound transport
Outbound transport
418
412
Primary endpoint port
Multiple Subscribing endpoint ports
HTTP Web service callouts
420
414

FIG. 4

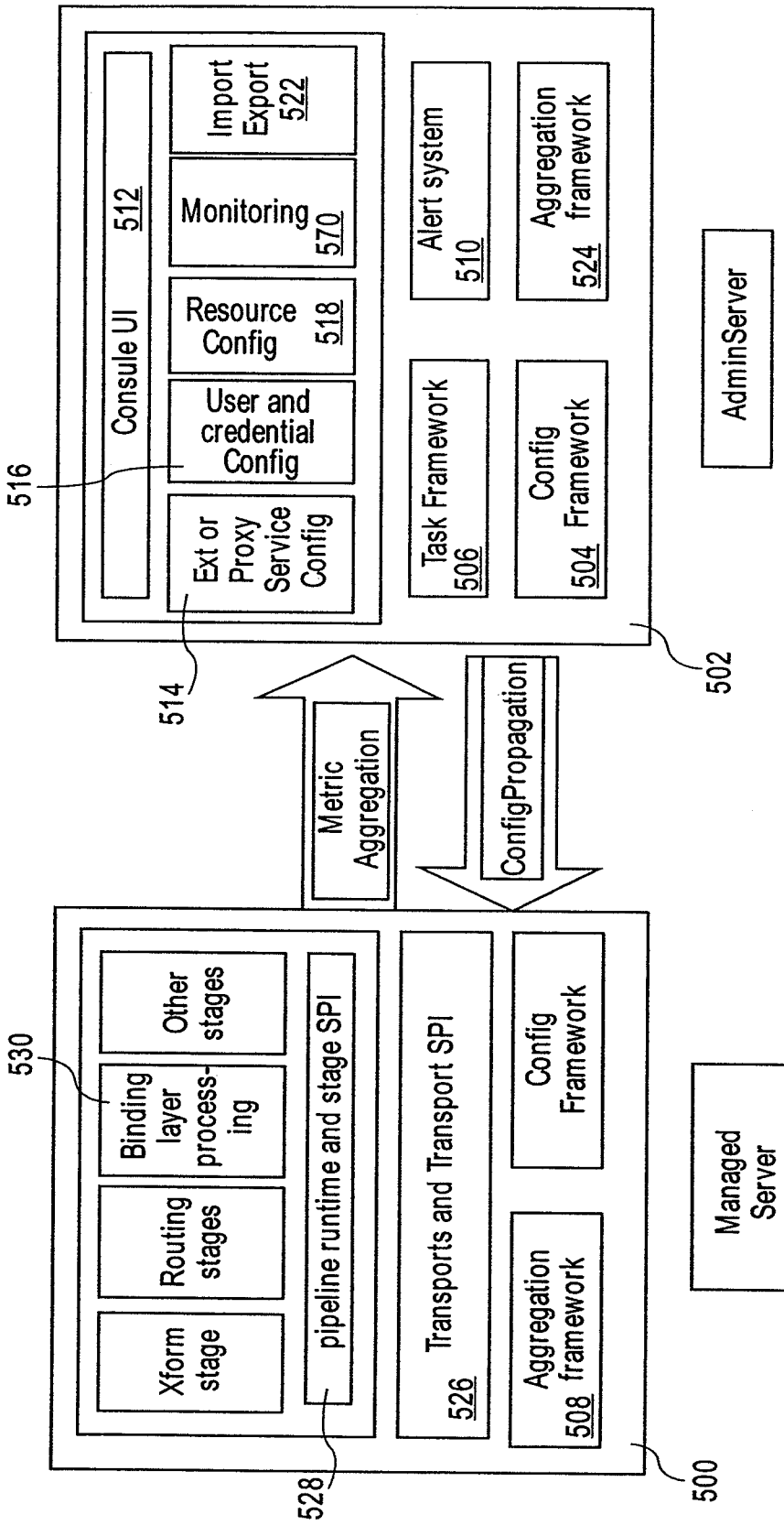

Consule UI 512
Import Export 522
Monitoring 570
Resource Config 518
User and credential Config
Ext or Proxy Service Config
Alert system 510
Aggregation framework 524
Task Framework 506
Config Framework 504
AdminServer
516
514
502
Metric Aggregation
ConfigPropagation
530
Other stages
Binding layer process-ing
Routing stages
Xform stage
pipeline runtime and stage SPI
Transports and Transport SPI 526
Config Framework
Aggregation framework 508
Managed Server
528
500

FIG. 5

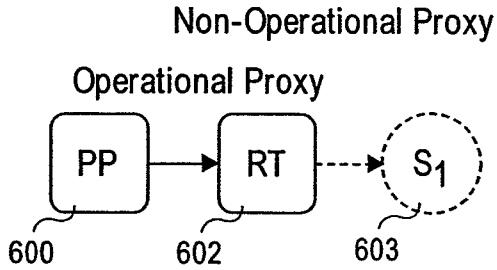

Non-Operational Proxy
Operational Proxy
PP
RT
S1
600
602
603

FIG. 6A

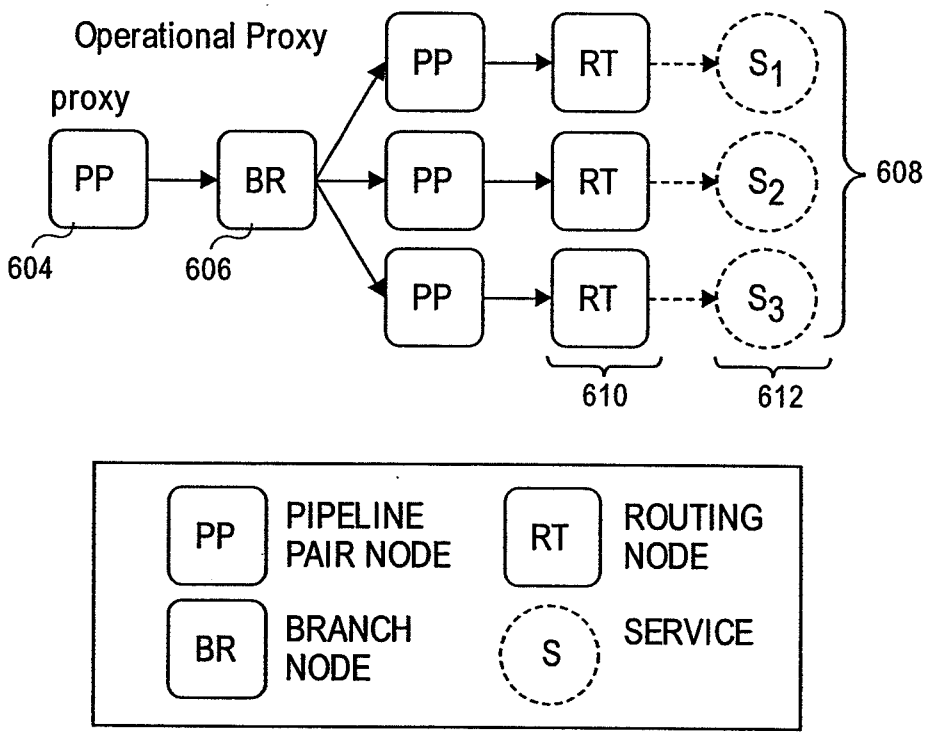

Operational Proxy
proxy
PP
BR
PP
RT
S1
PP
RT
S2
PP
RT
S3
608
604
606
610
612
PP
PIPELINE PAIR NODE
RT
ROUTING NODE
BR
BRANCH NODE
S
SERVICE

FIG. 6B

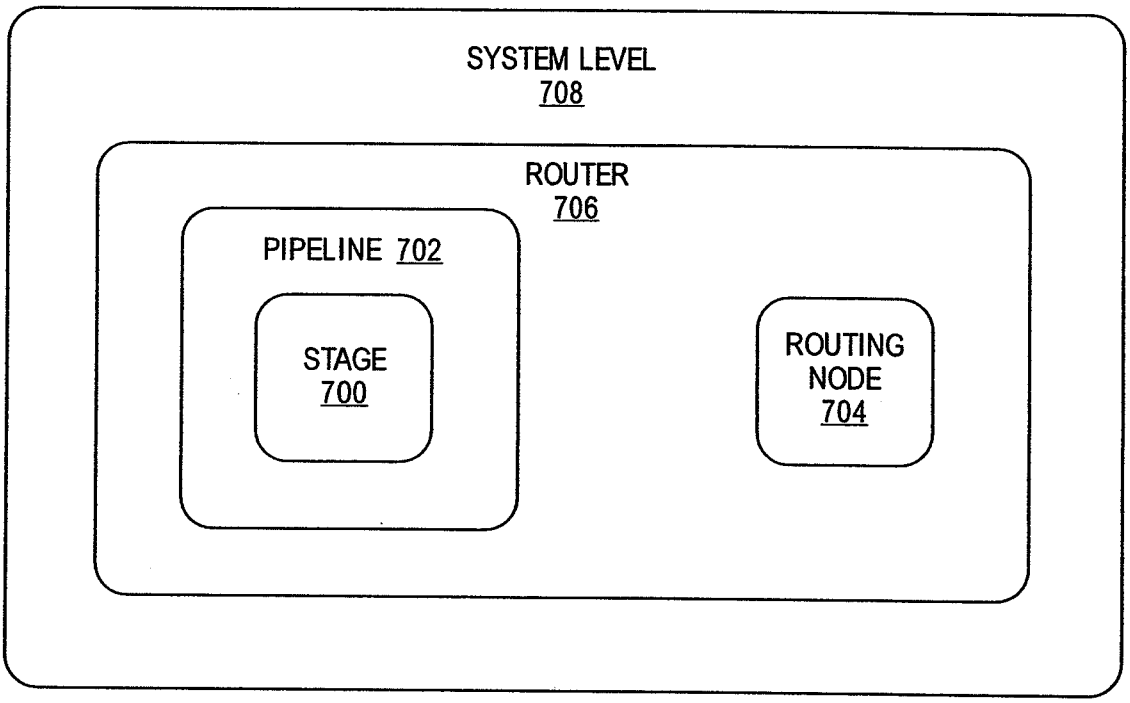

SYSTEM LEVEL
708
ROUTER
706
PIPELINE 702
STAGE
700
ROUTING
NODE
704

FIG. 7

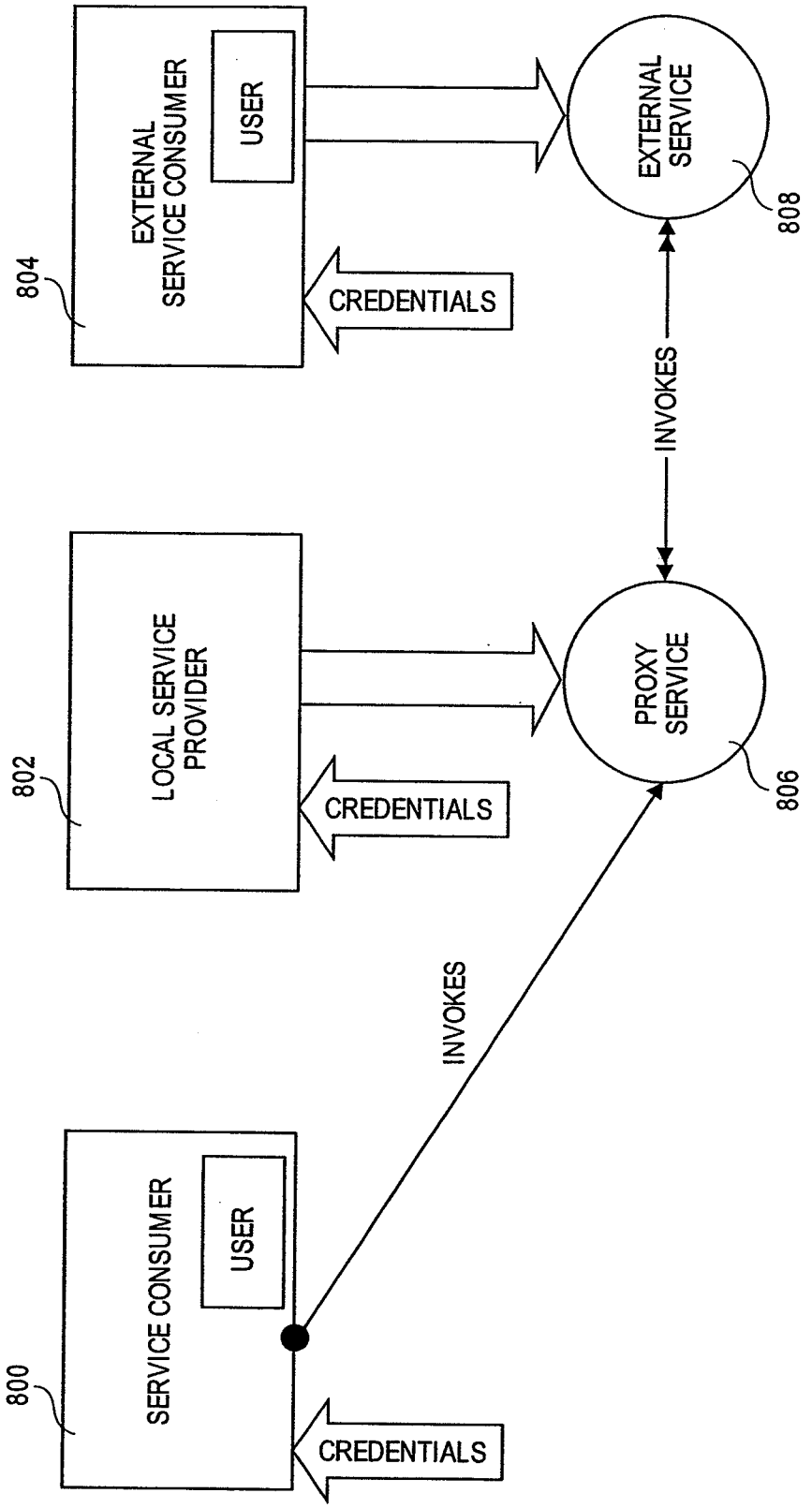

EXTERNAL SERVICE CONSUMER
USER
804
CREDENTIALS
EXTERNAL SERVICE
808
INVOKES
LOCAL SERVICE PROVIDER
802
CREDENTIALS
PROXY SERVICE
806
INVOKES
SERVICE CONSUMER
USER
800
CREDENTIALS

FIG. 8

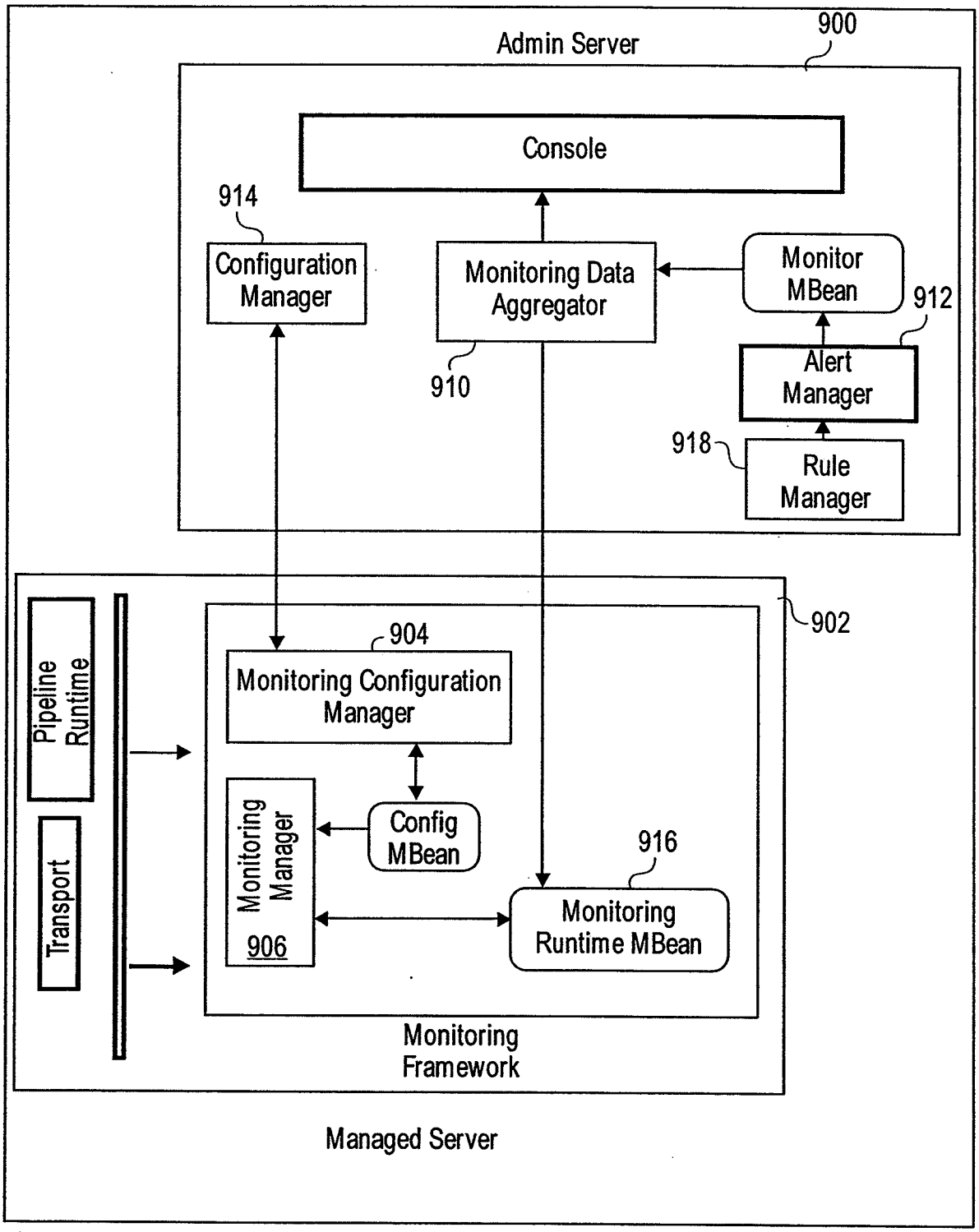

Admin Server
900
Console
914
Configuration Manager
Monitoring Data Aggregator
Monitor MBean
912
910
Alert Manager
918
Rule Manager
902
904
Monitoring Configuration Manager
Pipeline Runtime
Transport
Monitoring Manager
906
Config MBean
916
Monitoring Runtime MBean
Monitoring Framework
Managed Server

FIG. 9

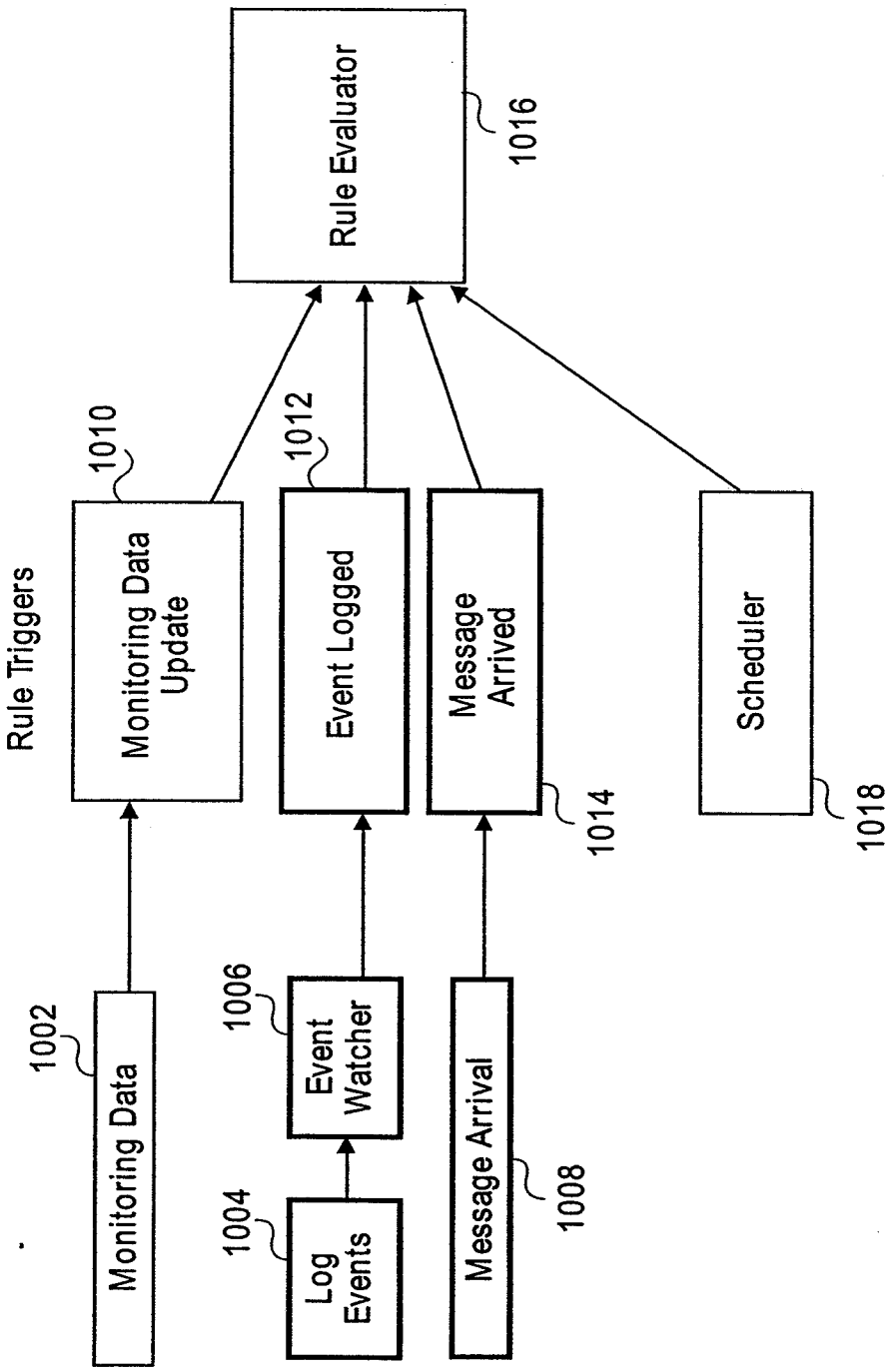

Rule Evaluator
1016
Rule Triggers
1010
Monitoring Data Update
1012
Event Logged
Message Arrived
1014
Scheduler
1018
1002
Monitoring Data
1006
Event Watcher
1004
Log Events
Message Arrival
1008

FIG. 10

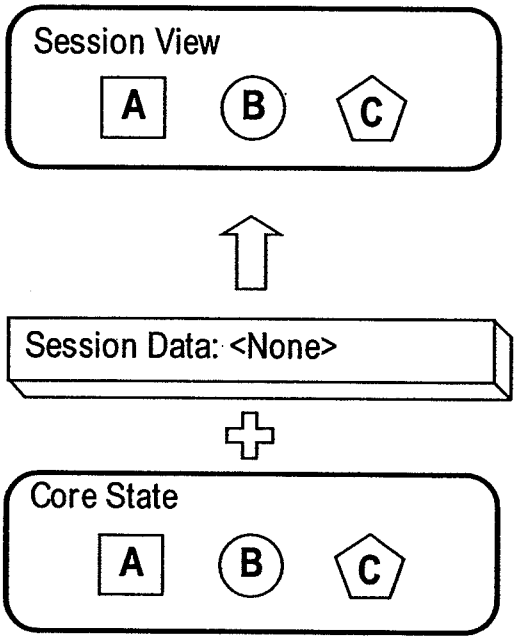


FIG. 11A

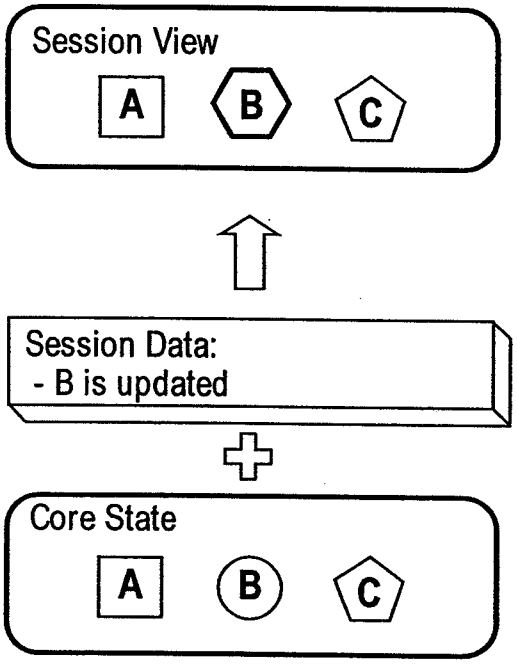


FIG. 11B

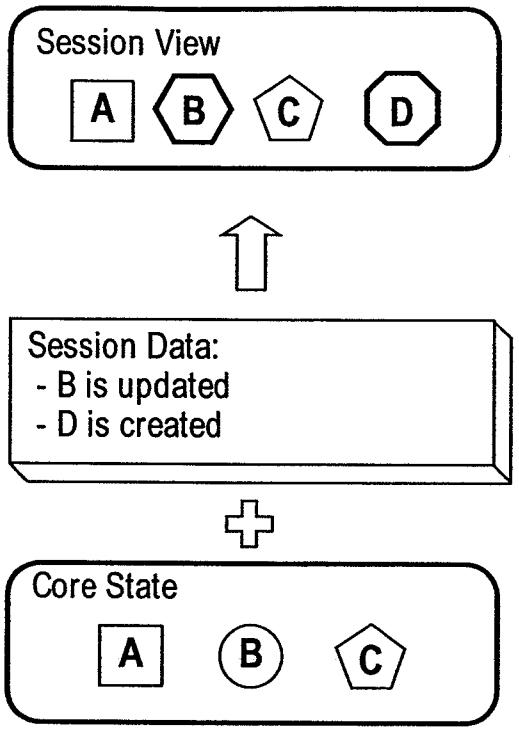


FIG. 12A

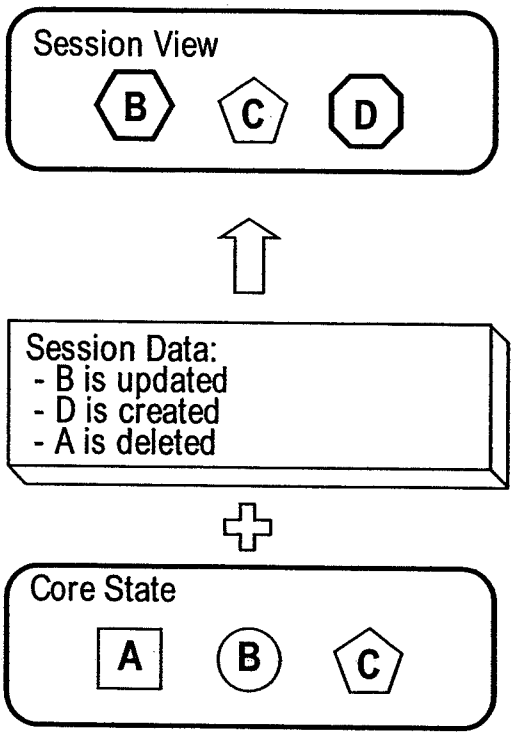


FIG. 12B

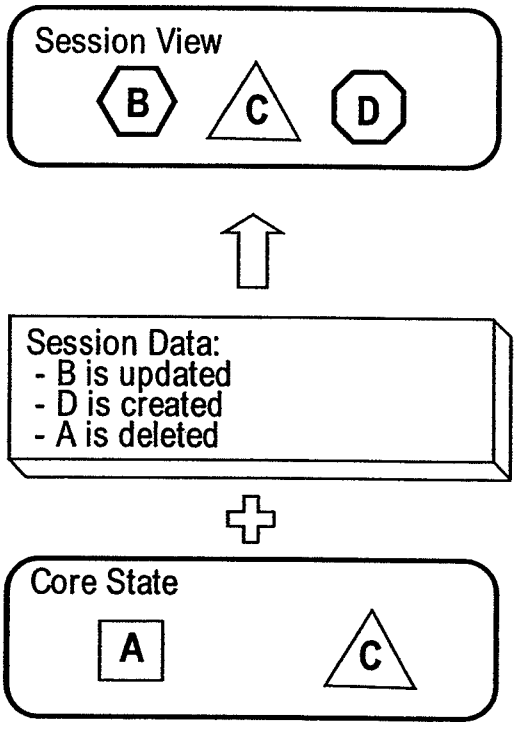


FIG. 12C

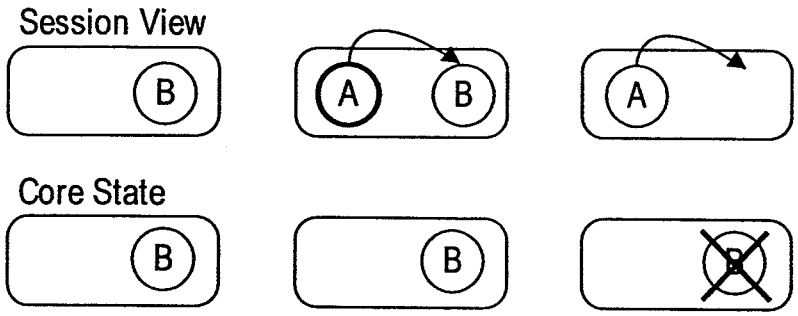


FIG. 13A

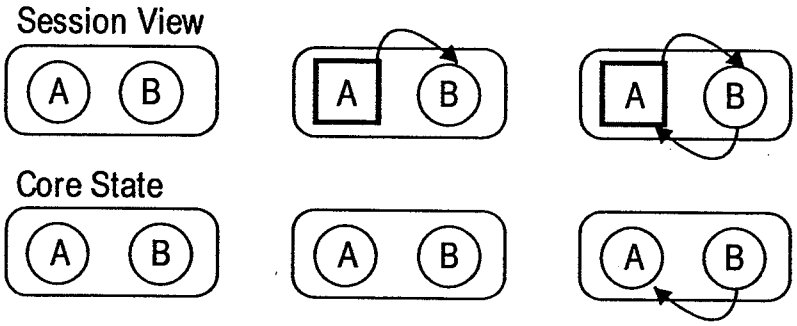


FIG. 13B

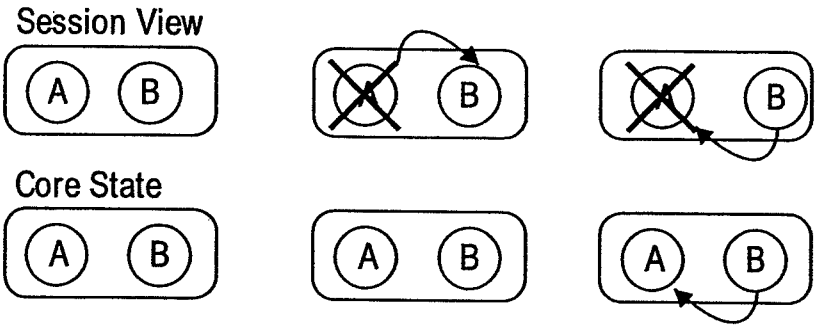


FIG. 13C

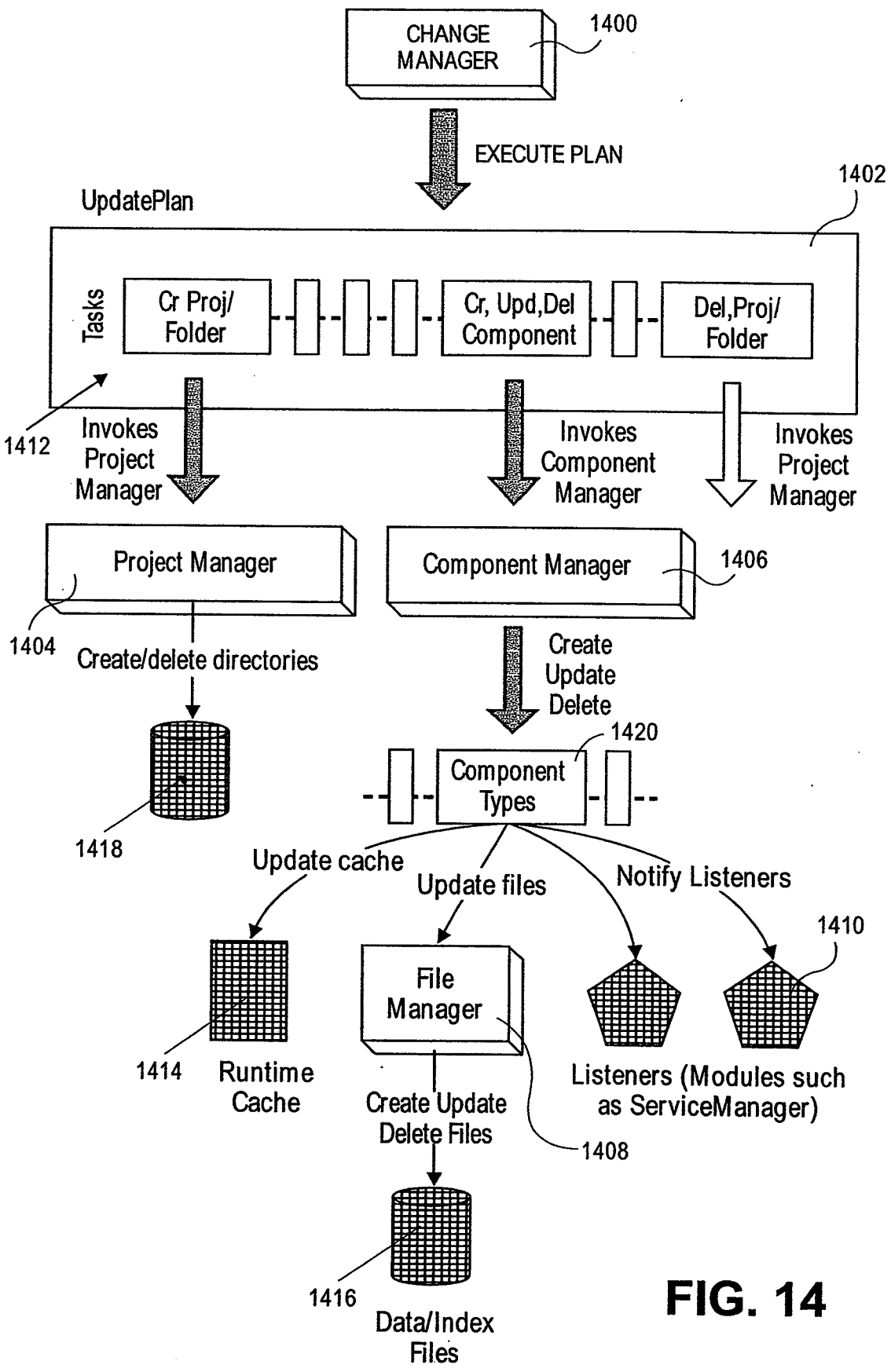

CHANGE MANAGER
1400
EXECUTE PLAN
1402
UpdatePlan
Tasks
Cr Proj/ Folder
Cr, Upd,Del Component
Del,Proj/ Folder
1412
Invokes Project Manager
Invokes Component Manager
Invokes Project Manager
Project Manager
Component Manager
1406
1404
Create/delete directories
Create Update Delete
1420
Component Types
1418
Update cache
Update files
Notify Listeners
1410
File Manager
1414
Runtime Cache
Listeners (Modules such as ServiceManager)
Create Update Delete Files
1408
1416
Data/Index Files

FIG. 14

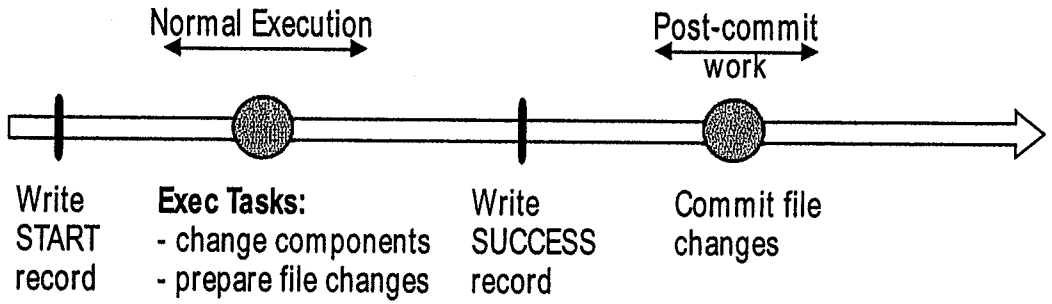


FIG. 15A

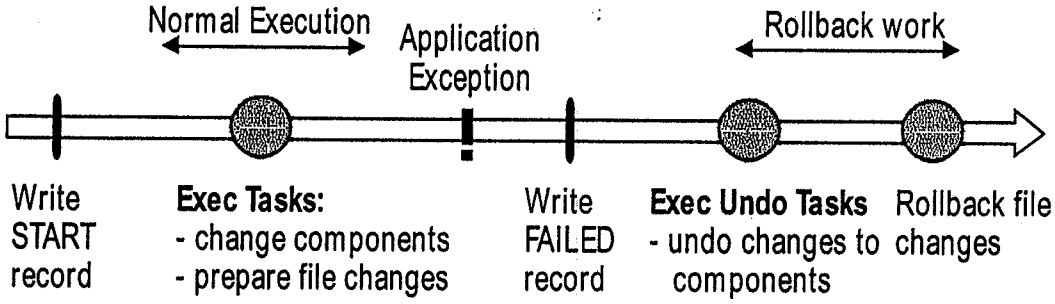


FIG. 15B

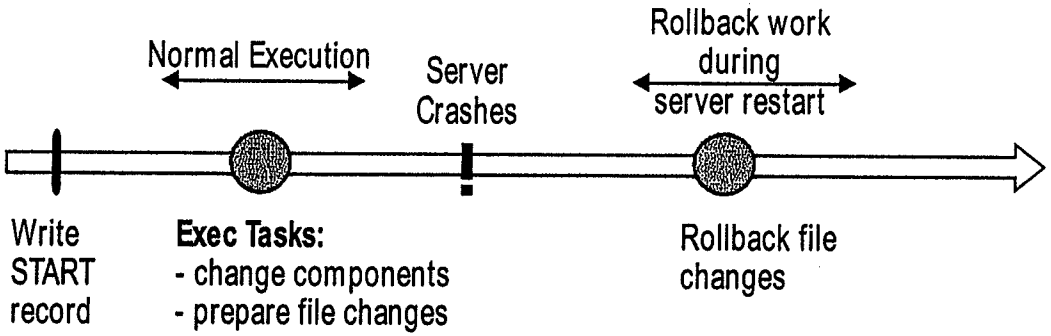


FIG. 15C