

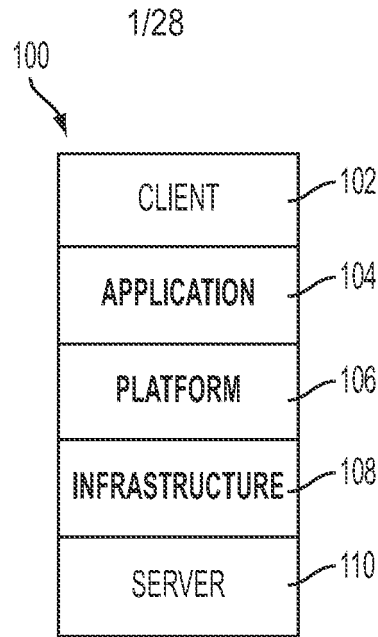


FIG. 1

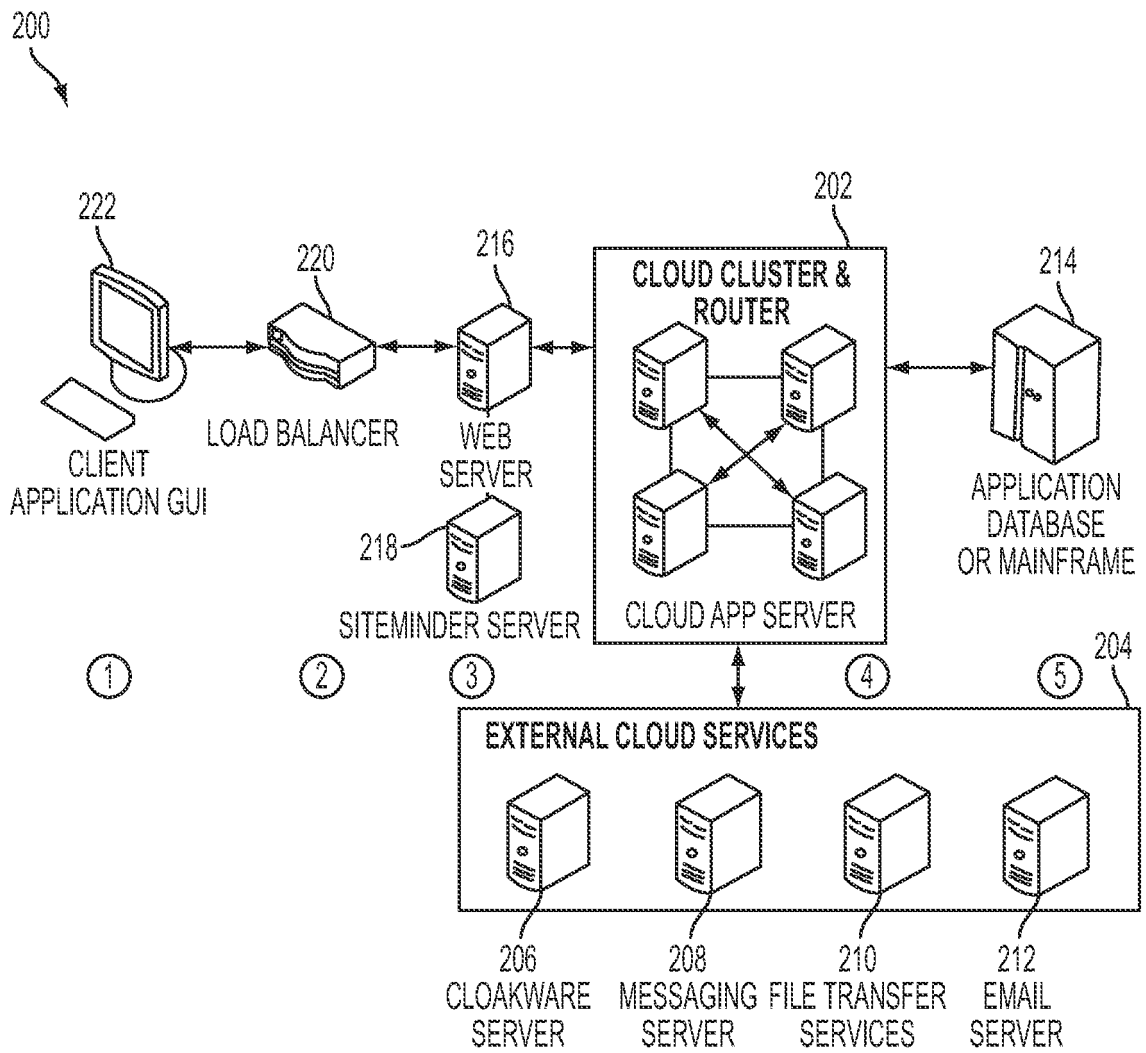


FIG. 2A

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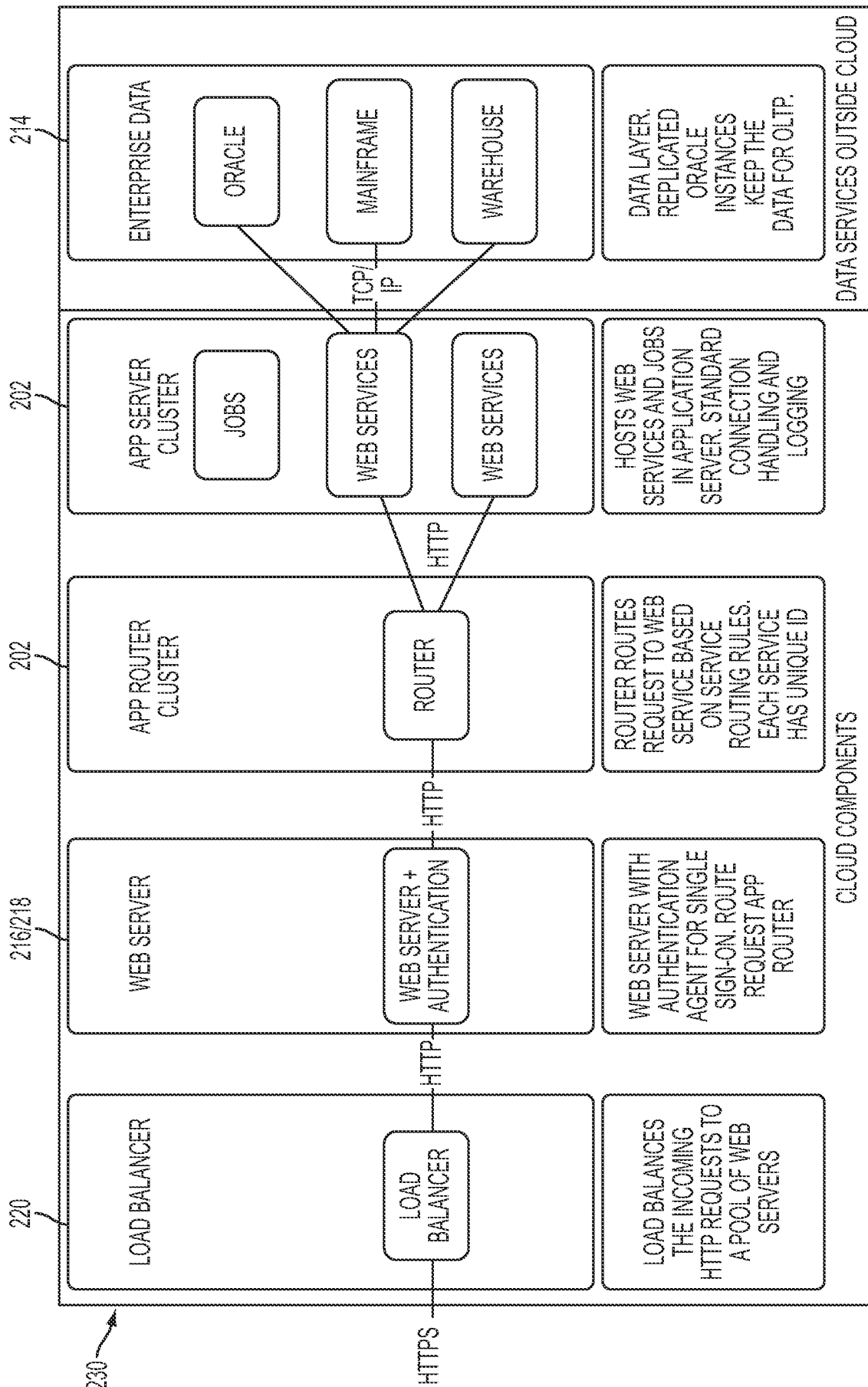


FIG. 2B

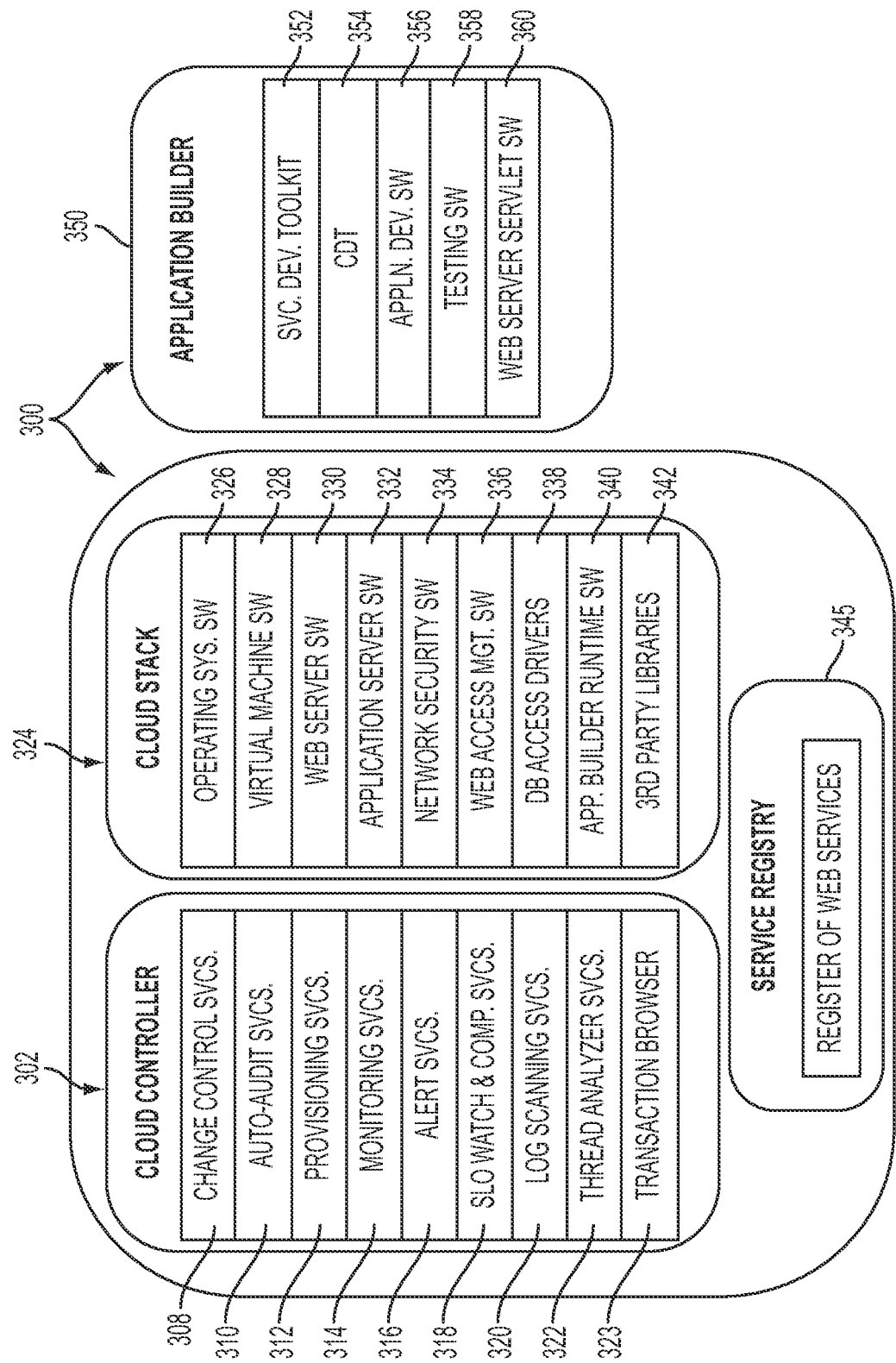


FIG. 3

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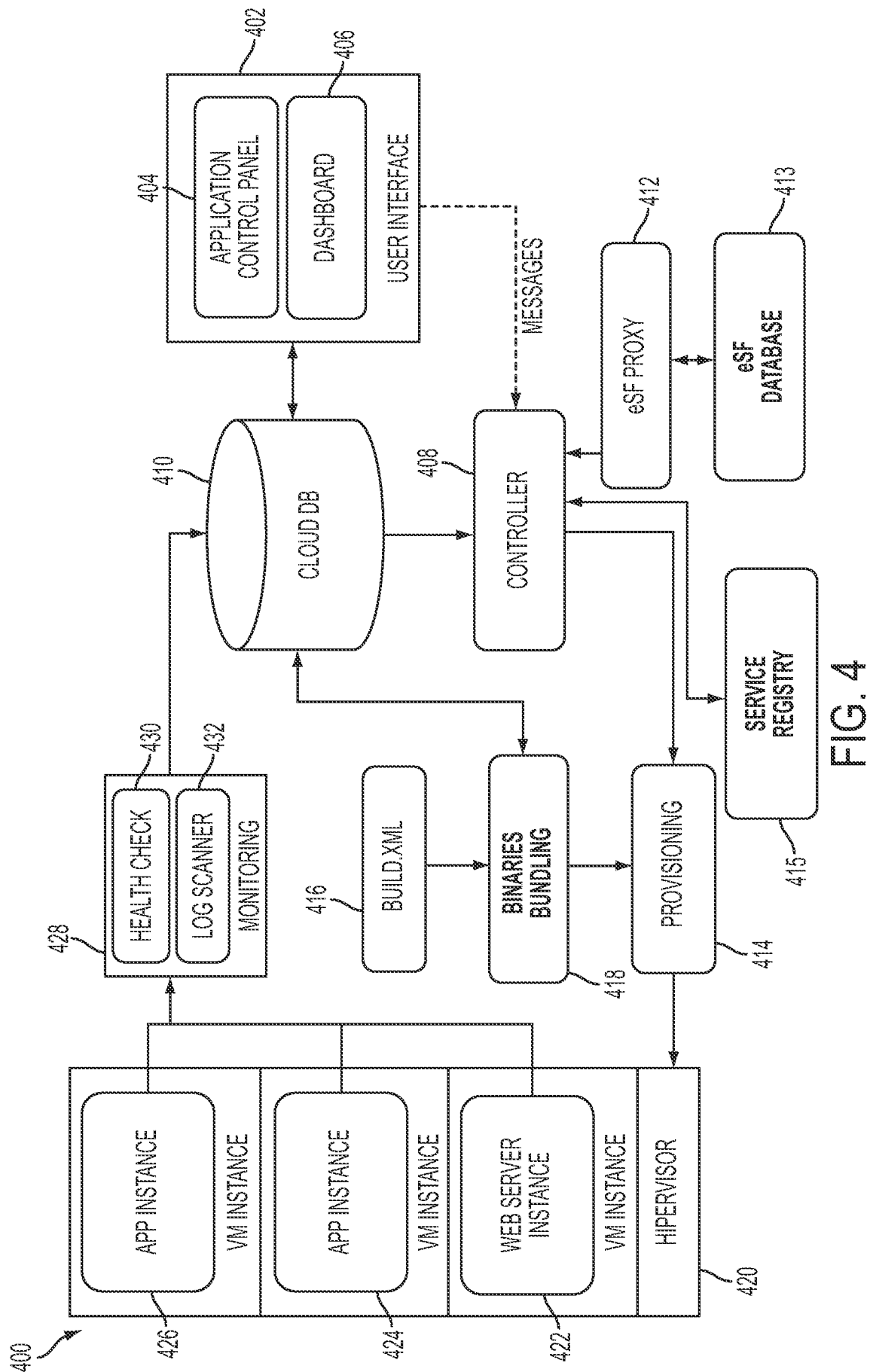
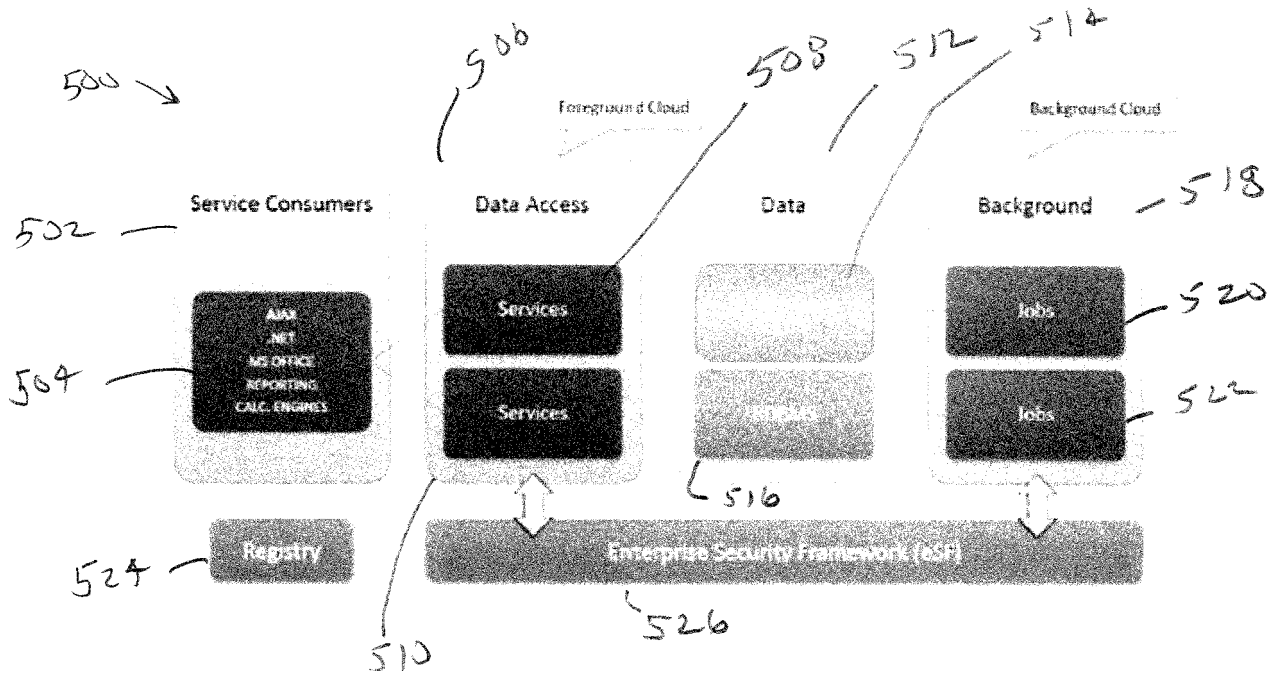
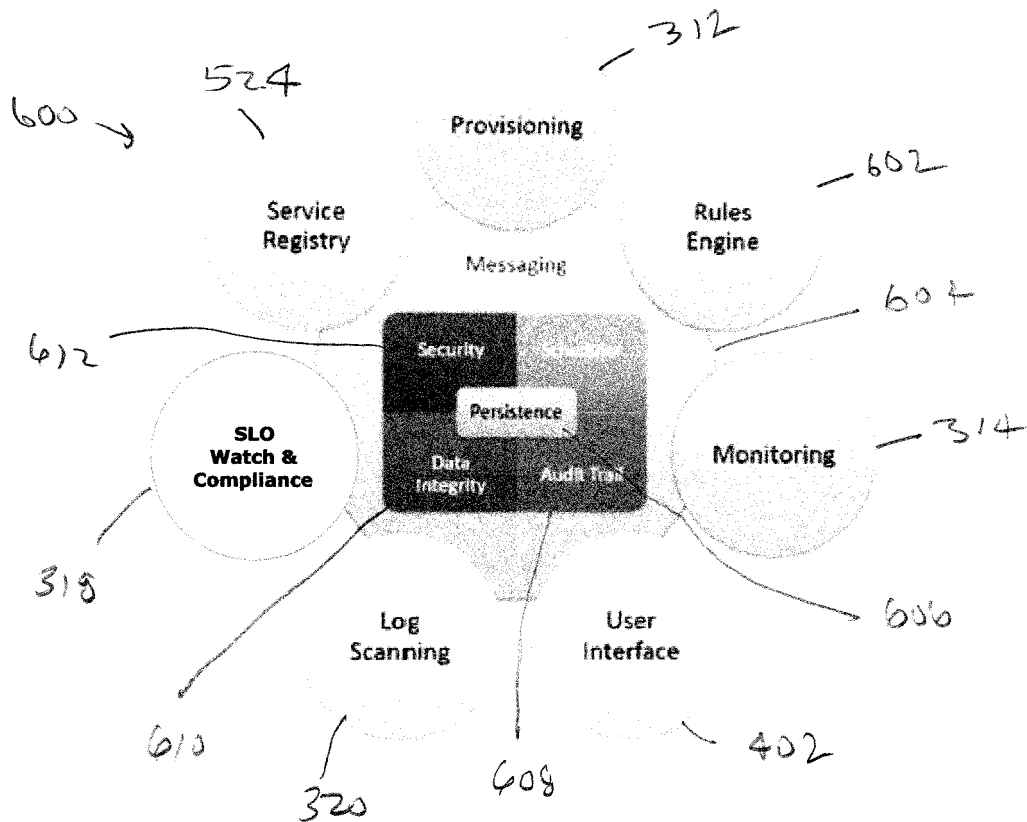


FIG. 4

Figure 5**Figure 6**

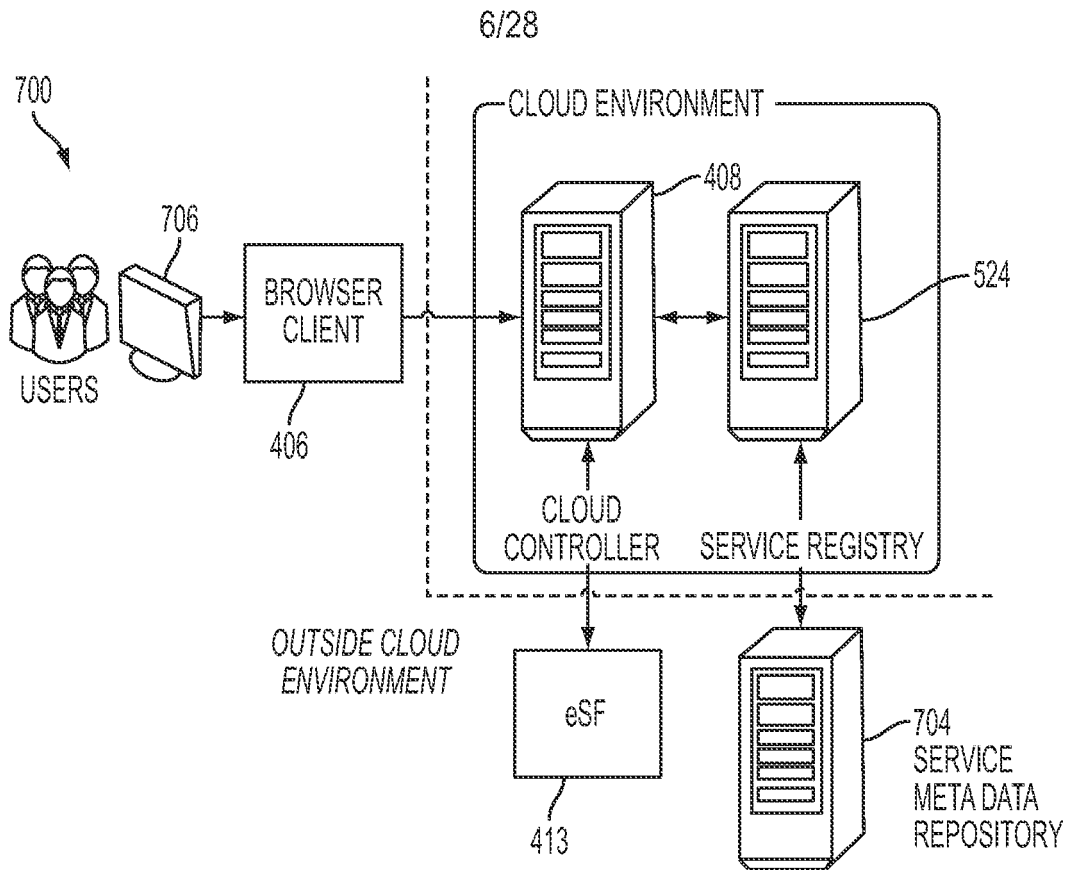


FIG. 7

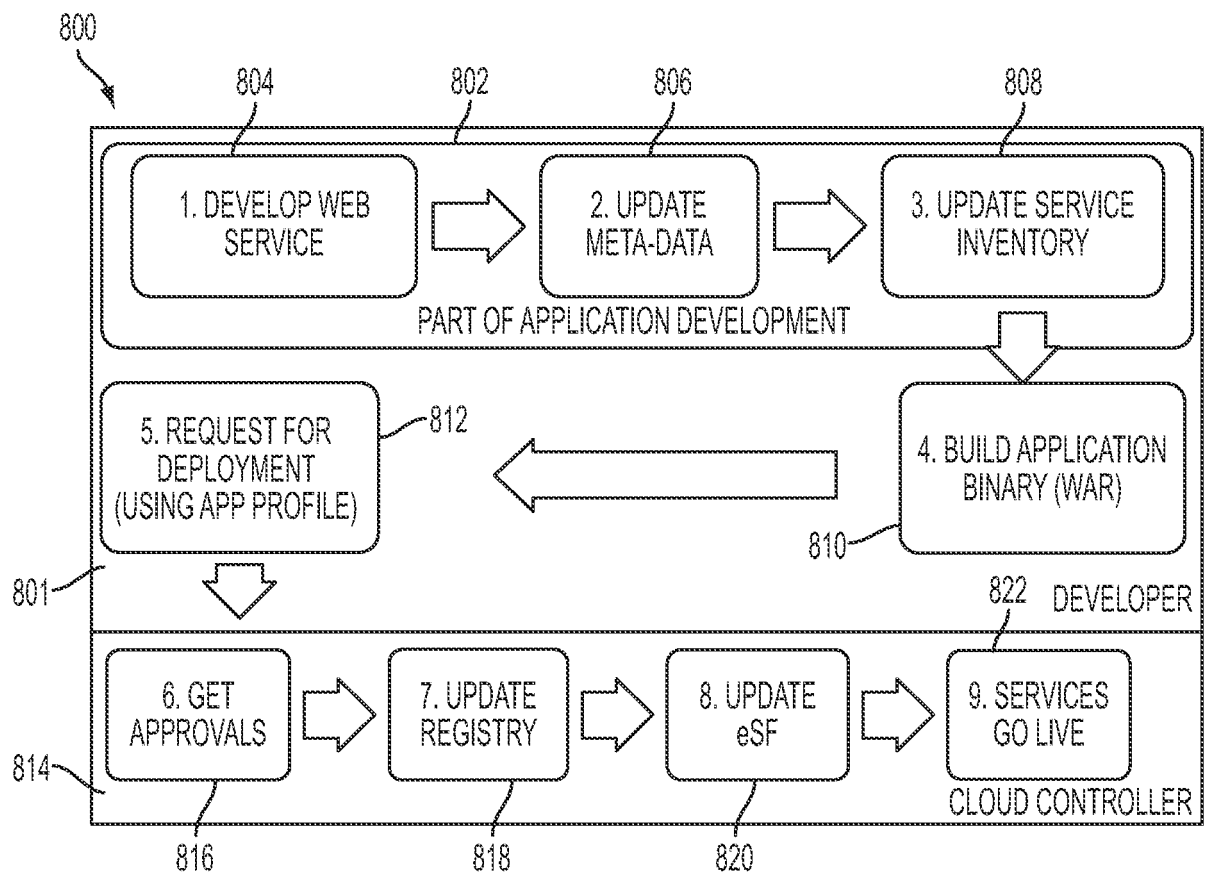


FIG. 8

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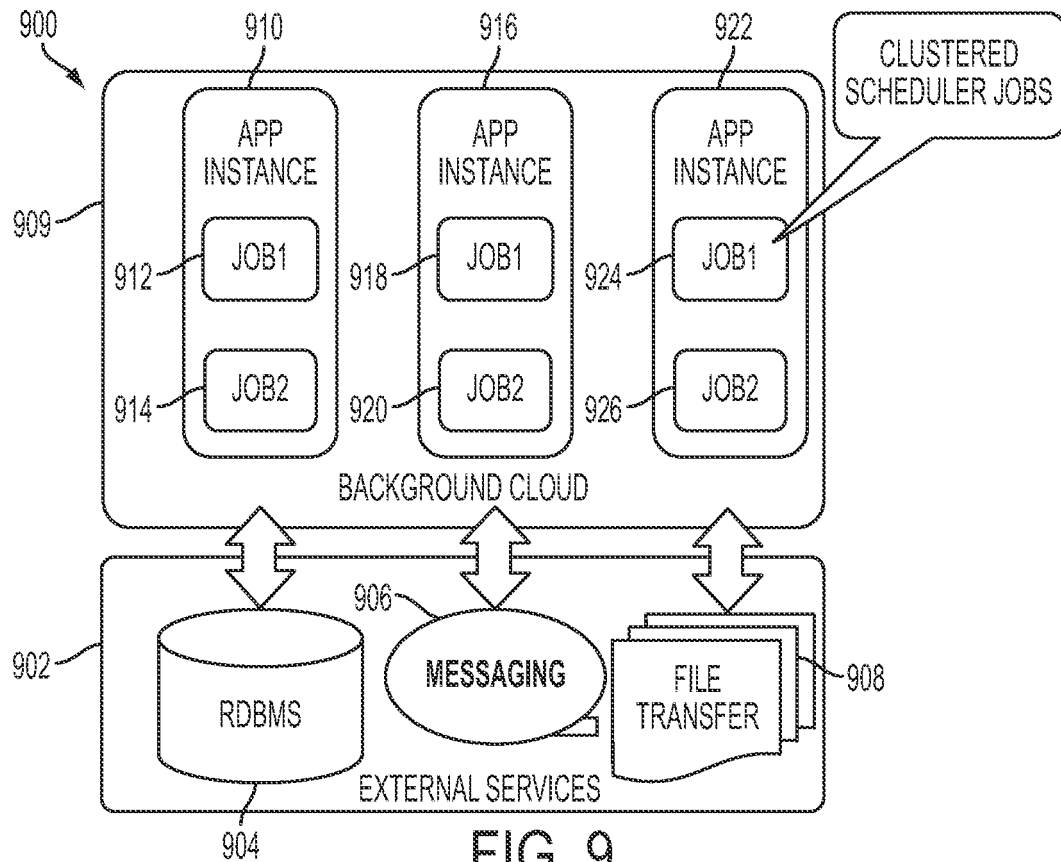


FIG. 9

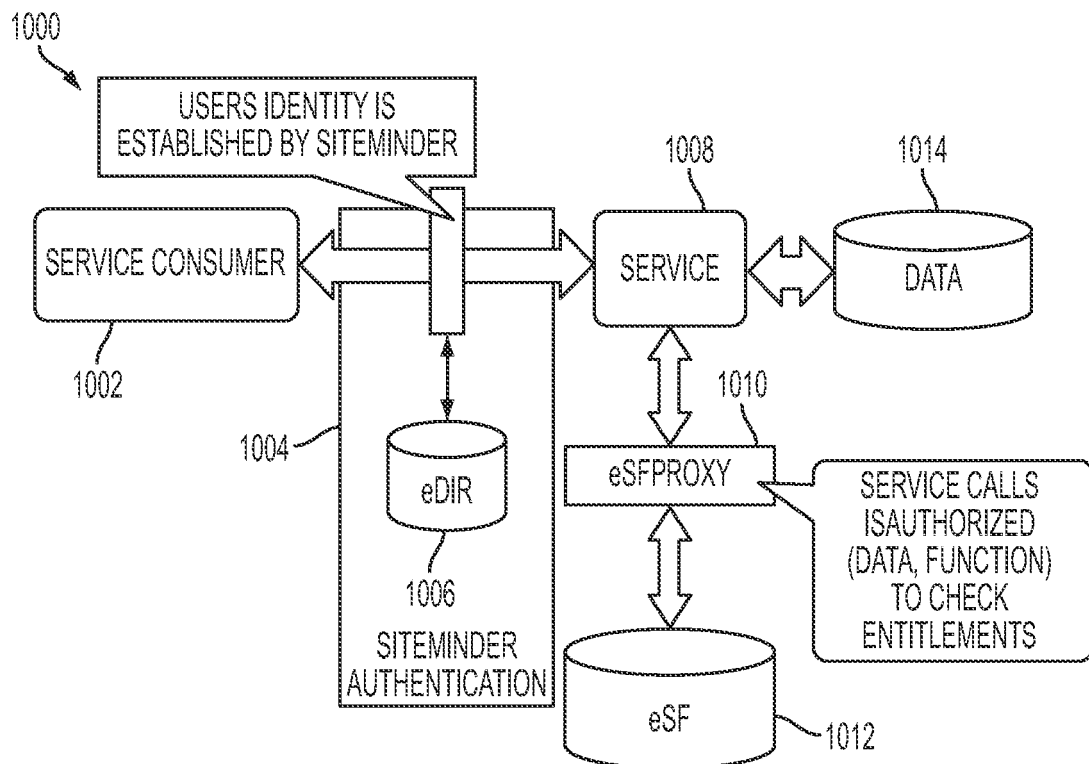


FIG. 10

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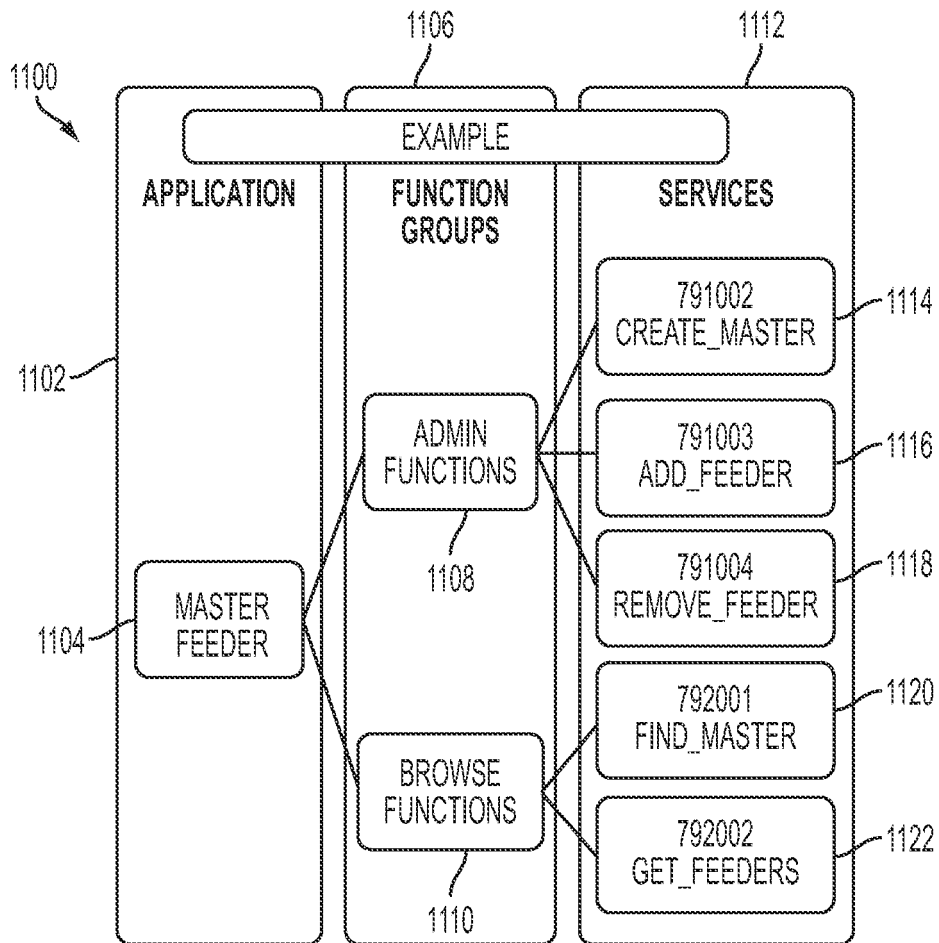


FIG. 11

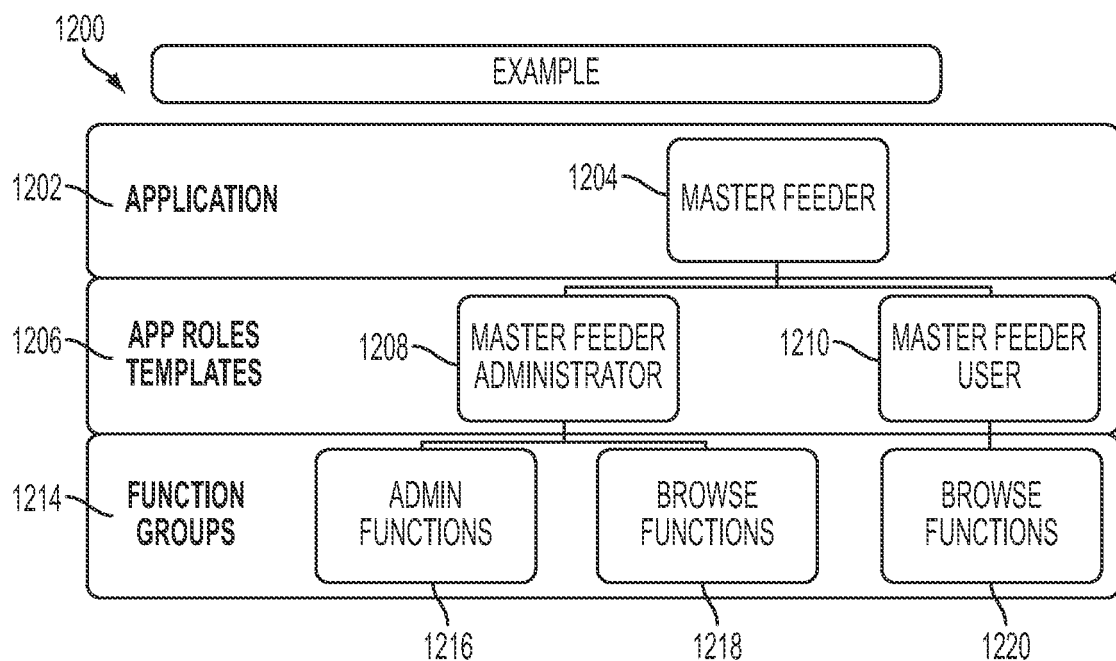


FIG. 12

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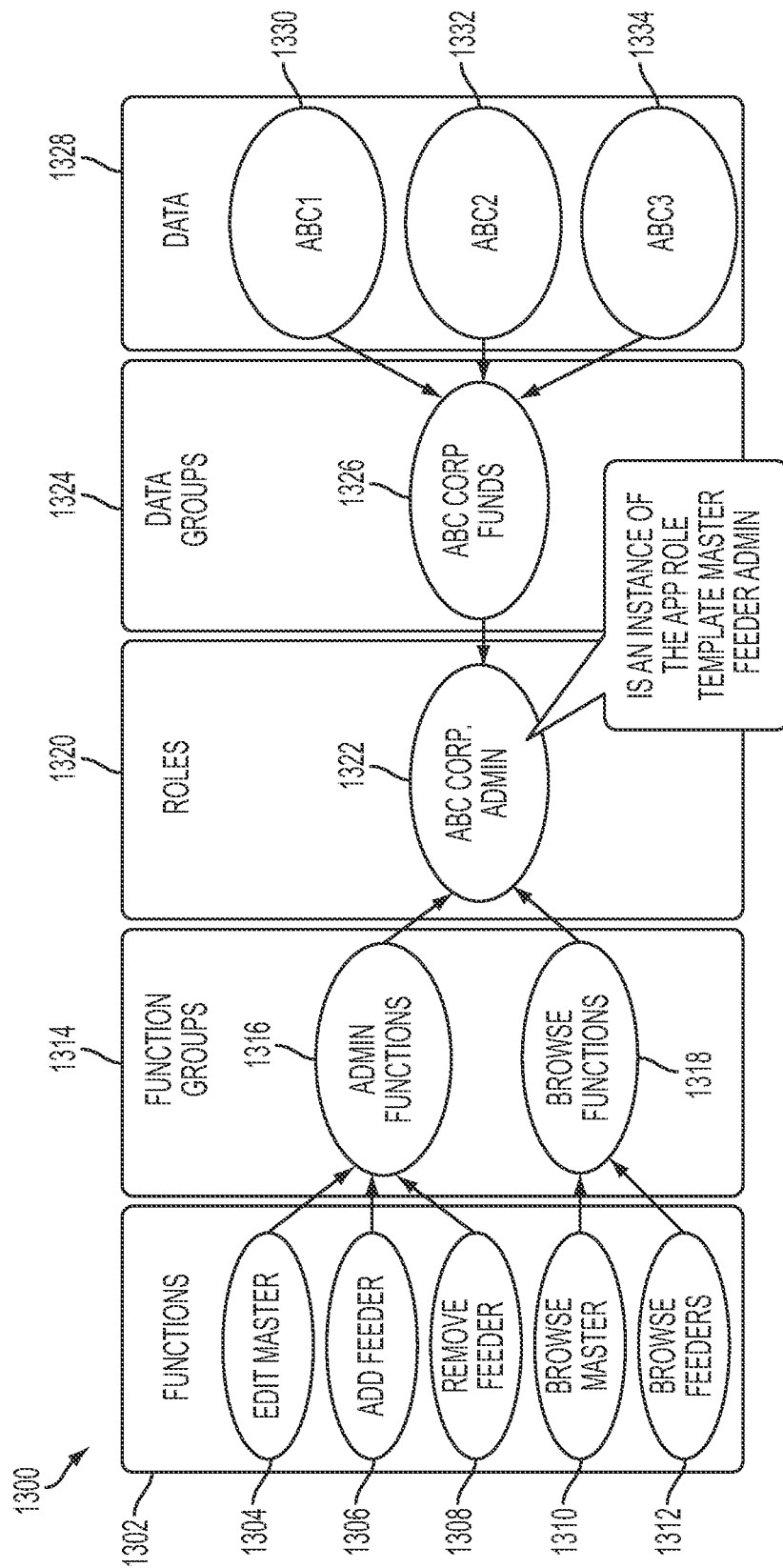


FIG. 13

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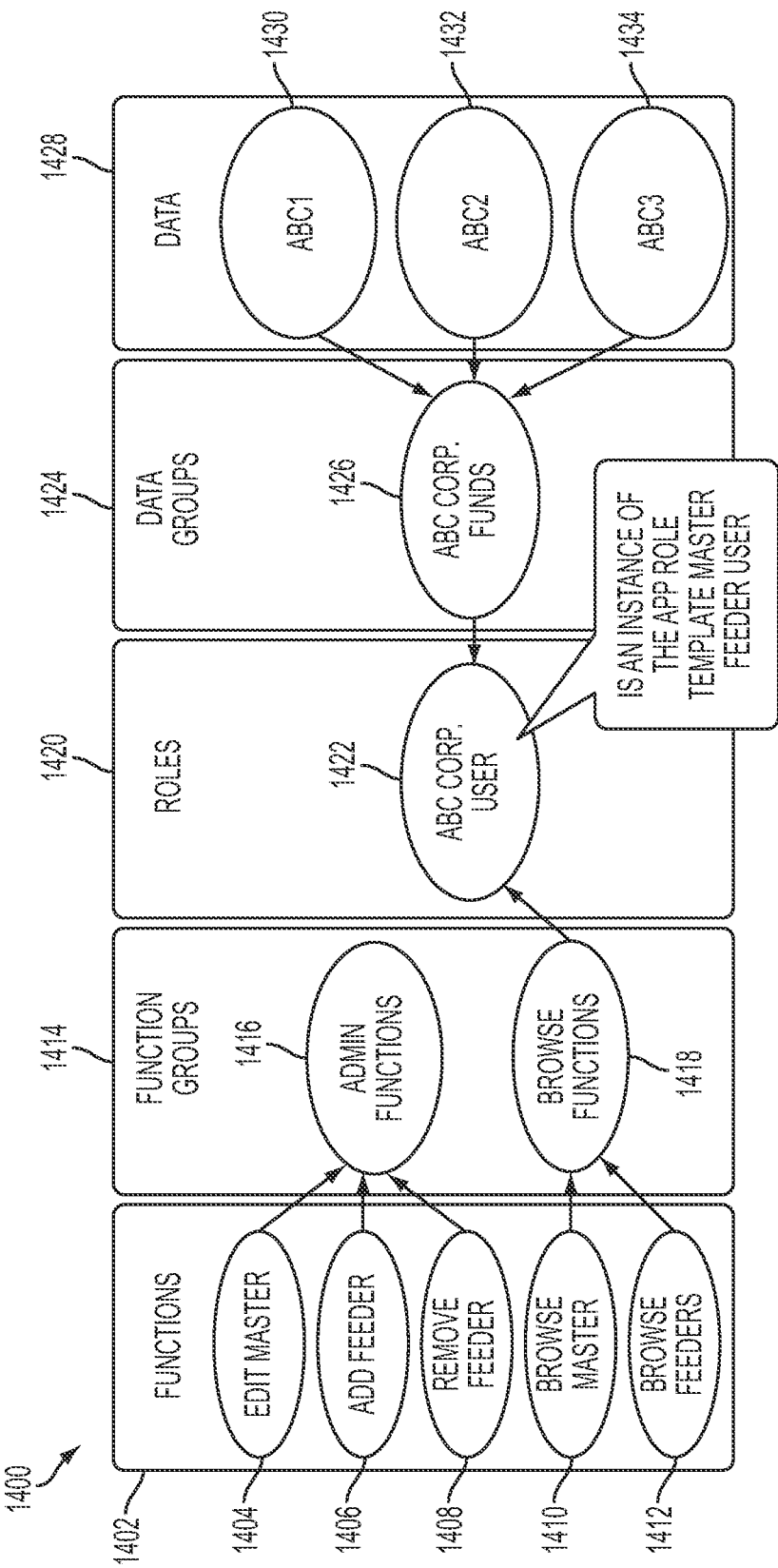


FIG. 14

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1500

1502

App Control Panel

1504

Home

Cloud

Service Registry

Application Profiles

Transactions

SLA Violations

Log Browser

Thread Dump Analyzer

About

Page

Safety

Tools

A	U	App Code	Version	App Name	Status	Virtual Count	Effective Date	Zone Env	Zone Code	App Profile Status Log	
		CLOHLW00259	1.9.6	Test Hiwd	LEAD APP...	0	Jun 09, 2011 15:15:48	PROD	GDC-PROD	Status	Reason Co...
		CLOHLW00259	1.9.5	Test Hidw	LEAD APP...	0	Jun 09, 2011 15:07:17	PROD	GDC-PROD		
		CLOHLW00259	1.9.4	Test Hidw	PUBLISHED	0	Jun 09, 2011 12:33:48	PROD	GDC-PROD		
		CLOHLW00259	1.5.4	Demo App	RUNNING	2	Jun 09, 2011 09:24:25	DEV1	GDC-DC		
		CLOHLW00259	0.0.0b	Test	PUBLISHED	0	May 26, 2011 09:02:33	UA1	GDC-DC		
		CLOHLW00259	1.5.1	Test Hello World	PUBLISHED	0	May 19, 2011 10:54:01	DEV1	GDC-DC		
		CLOHLW00259	1.1.5	Hello world may 19	DRAFT	0	May 19, 2011 10:45:57	DEV1	GDC-DC		

1506

1508

Page 1 of 2

Displaying 1 - 25 of 32

Configuration

INFO

Action

Effective Date:

Expire Date:

Cluster Name:

Context:

Request Pattern:

Workflow:

App Image:

Status:

Name:

App Code:

Version:

Zone Env:

Zone Code:

Is Backout:

Add New

FIG. 15

1510

SUBSTITUTE SHEET (RULE 26)

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1600

1628

Add New Application Profile

Configuration ▾ | Info ▾ | Action ▾

Status:	DRAFT	Effective Date:	06/10/2011	1612
Name:	...	Expire Date:	10:51	1614
App Code:	▾	Cluster Name:		
Version:	0.0.0	Context:		1616
Zone Env.:	▾	Request Pattern:		1618
Zone Code:	▾	Workflow:	Normal	
Is Backout:	No	App Image:	...	1622

1620

Add New

Close

Save

1624

FIG. 16

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1700

CLD-NA
GDC-DC
GDC-DEV
GDC-PROD
GDC-SYS
GDC-UAT
IGB-DC
IGB-DEV
IGB-PROD
IGB-SYS
IGB-UAT
GDC-DC

FIG. 17

1800

1802

Image Browser

Name	Version	Description	Type	Checksum	File Name	App Code	Build Date
MyHelloWorld.war	10.56...	MyHelloWorld 01	WAR	136	MyHelloWorld.war	OSA_ABC	Nov 30, 2010 06:52:59
MyHelloWorld.war	10.56...	MyHelloWorld 01	WAR	136	MyHelloWorld.war	OSA_ABC	Nov 30, 2010 05:09:48

Page 1 of 1 | 2/2 | Displaying 1 - 2 of 2

Select Image Cancel

1804

FIG. 18

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1900

1902

App Control Panel

Home Cloud Service Registry

My Dashboard A U App Code CLOHLW002 CLOHLW002 CLOHLW002 CLOHLW002 CLOHLW002 CLOHLW002

Page 1

Add New Application

Status:

Name:

App Code:

Version:

Zone Env.:

Zone Code:

Is Backout:

Image Browser

Name: TestHLWwar v. 1.0.4 (ID: 1003644277)

Version: 1.0.4

Description: TestHLW 0.1

Type: WAR

App Code: CLOHLW00259

Checksum: aa8fa77ad624cec1ef0947b5325ea

File Name: TestHLW.war

Build Timestamp: 06/08/2011 15:26

Baseline Name:

ClearQuest Headline:

Image Details

Application Profiles

Deployed Instances

Related Images

Name: TestHLW.war

Version: 1.0.4

Description: TestHLW 0.1

Type: WAR

App Code: CLOHLW00259

Checksum: aa8fa77ad624cec1ef0947b5325ea

File Name: TestHLW.war

Build Timestamp: 06/08/2011 15:26

Baseline Name:

ClearQuest Headline:

Repository ID: 1003644277

PRTL Number: gdc:pl3213

Build Machine Name: gdc:pl3213

Created: 06/08/2011 15:26

Created By: 06/08/2011 15:26

Last Updated: 06/08/2011 15:26

Last Updated By:

Close

Select Image Cancel

Add New Stop Save

Add Delete

FIG. 19

2000

OWTHelloWorld.WAR v. 1.0.4d(ID:1008495561)

Image Details

Application Profiles

Deployed Instances

Related Images

Name	Version	Description	Type	Checksum	File Name	App Code	Build Date
OWTHelloWorldSQL WAR	1.0.3d	Test	SQL	100	OWTHelloWorld5	OWT_HLD	Dec 09, 2010 09:37:59

Page 1 of 1

Navigation icons

Displaying 1-1 of 1

Close

FIG. 20

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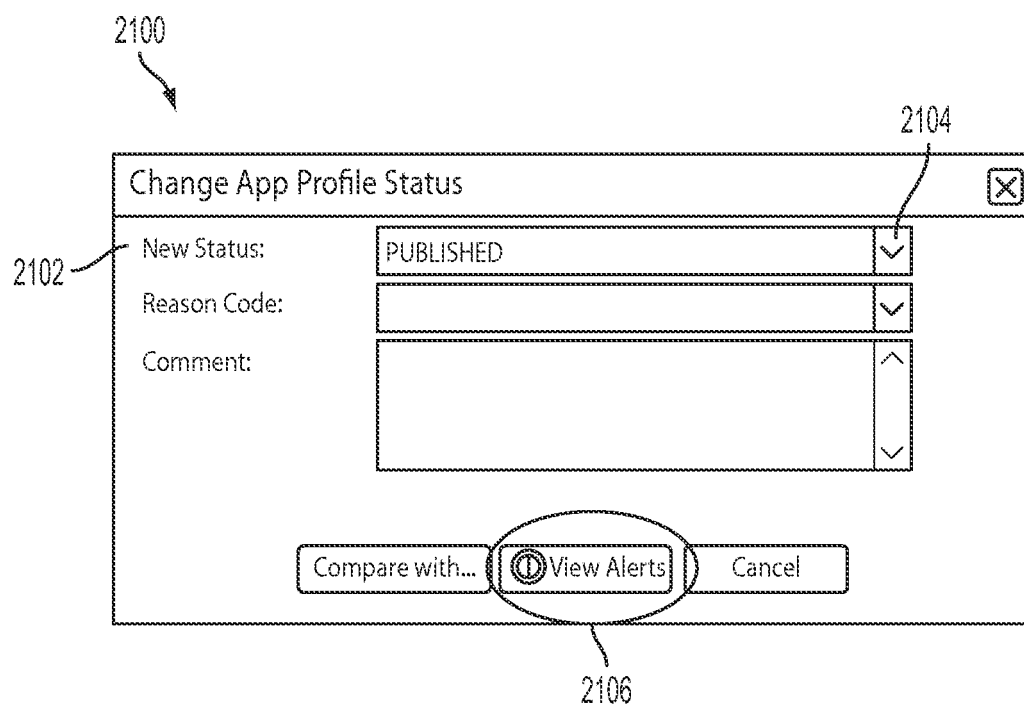


FIG. 21

Alerts for SYS1 OSA_SUP v.5.8.987 (ID 1008289903)			
Alert Level:	WARN.ERROR.FATAL	Date: 11/30/10	Go
	Text	Additional Info	
☒ [!]	WARN App will be deployed immediately after all approvals are in	Rule : EffectiveDate is in the pa	
☒	FATAL App is being deployed with NO testing in UA environment	Rule : App image was never de	
☒ [!]	WARN App will be deployed immediately after all approvals are in	Rule : EffectiveDate is in the pa	
☒	FATAL App is being deployed with NO testing in UA environment	Rule : App image was never de	

Page 1 of 1 Displaying 1 - 4 of 4

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Accept Decline

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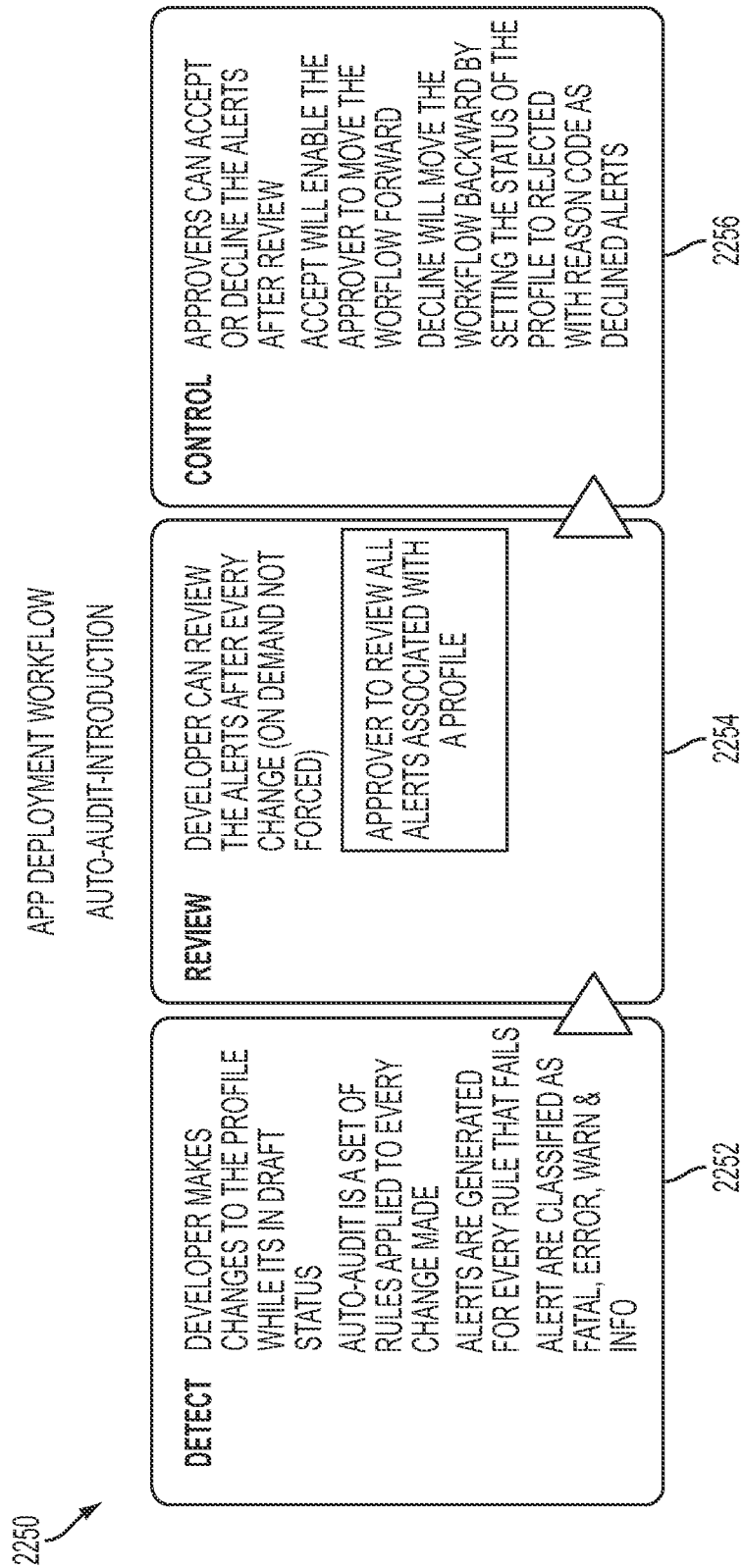


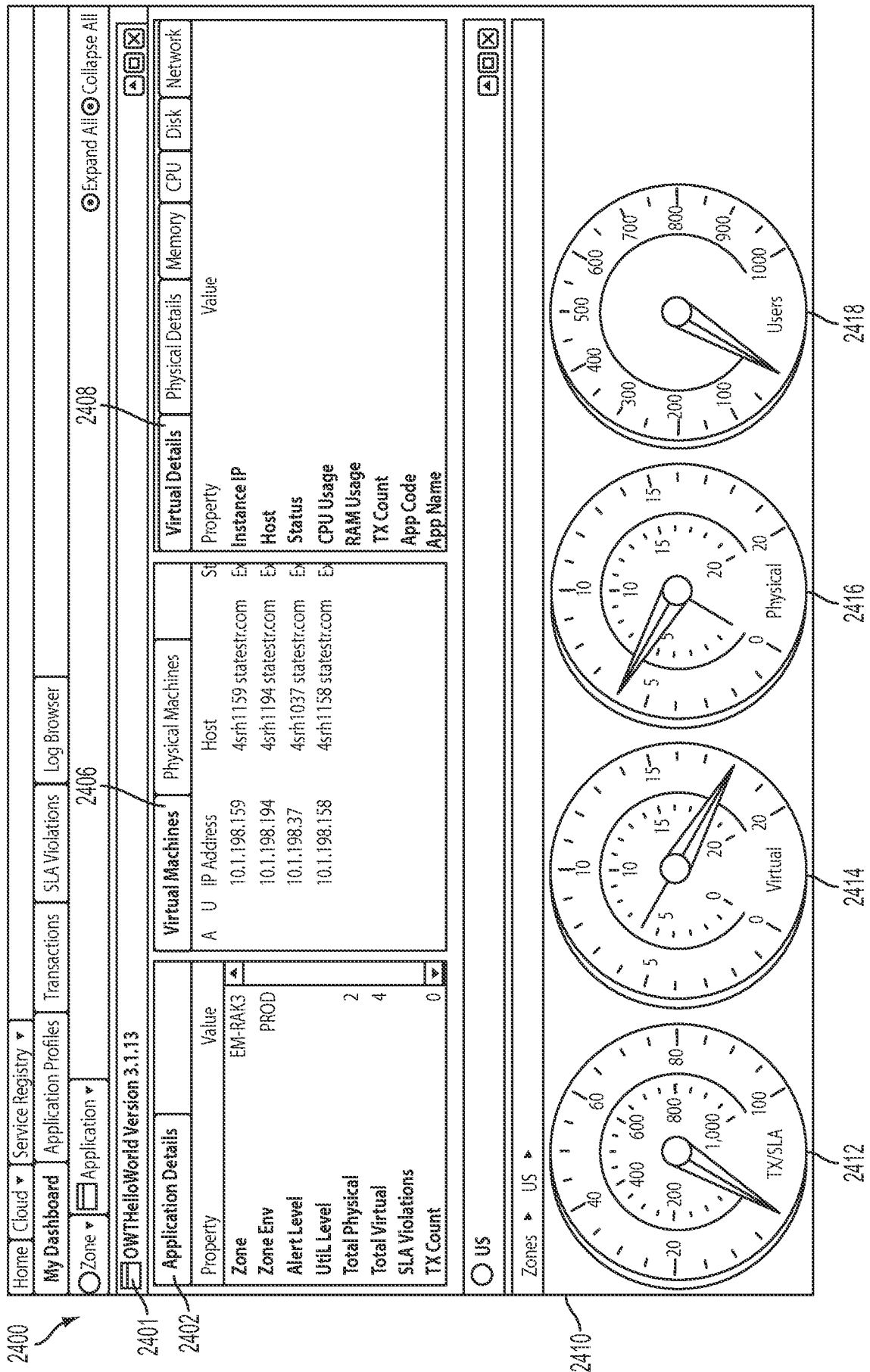
FIG. 23A

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#	RULE	SEVERITY	ALERT
1	EFFECTIVE DATE IS IN THE PAST	WARN	APP WILL BE DEPLOYED IMMEDIATELY AFTER ALL APPROVALS ARE IN PLACE WHICH COULD RESULT IN APP BEING DOWN DURING BUSINESS HOURS
2	EFFECTIVE DATE DURING BUSINESS HOURS	FATAL	APP WILL BE DEPLOYED DURING BUSINESS HOURS RESULTING IN DOWNTIME DURING BUSINESS
3	EFFECTIVE DATE DURING MORATORIUM	FATAL	APP WILL BE DEPLOYED DURING MORATORIUM AND HENCE REQUIRE ADDITIONAL APPROVALS
4	EFFECTIVE DATE IS TWO WEEKS AWAY	WARN	APP WILL NOT BE DEPLOYED WITHIN TWO WEEKS
5	APP IMAGE WAS DECLINED BEFORE DUE TO BUGS	WARN	APP IMAGE MIGHT HAVE BUGS. THE IMAGE ASSOCIATED WITH THE APP WAS DECLINED IN THE PAST DUE TO BUGS
6	APP IMAGE WAS NEVER DEPLOYED IN UA	FATAL	APP IS BEING DEPLOYED WITH NO TESTING IN UA ENVIRONMENT
7	APP IMAGE WAS ONLY DEPLOYED IN UA FOR N HOURS (WHERE $N < 24$)	WARN	APP IS BEING DEPLOYED WITHOUT SUFFICIENT TESTING
8	APP IMAGE SHOULD CONTAIN ONLY AUTHORIZED THIRD-PARTY LIBRARIES	FATAL	UNAUTHORIZED THIRD-PARTY LIBRARY FOUND IN IMAGE ASSOCIATED WITH THE APP
9	APP IMAGE SHOULD NOT CONTAIN ANY LIBRARIES THAT ARE PART OF THE STACK	FATAL	DUPLICATE LIBRARY FOUND IN IMAGE ASSOCIATED WITH THE APP
10	APP IMAGE BUILD SHOULD NOT HAVE SECURITY VIOLATIONS DURING STATIC ANALYSIS	FATAL	SECURITY VIOLATIONS FOUND IN IMAGE ASSOCIATED WITH THE APP

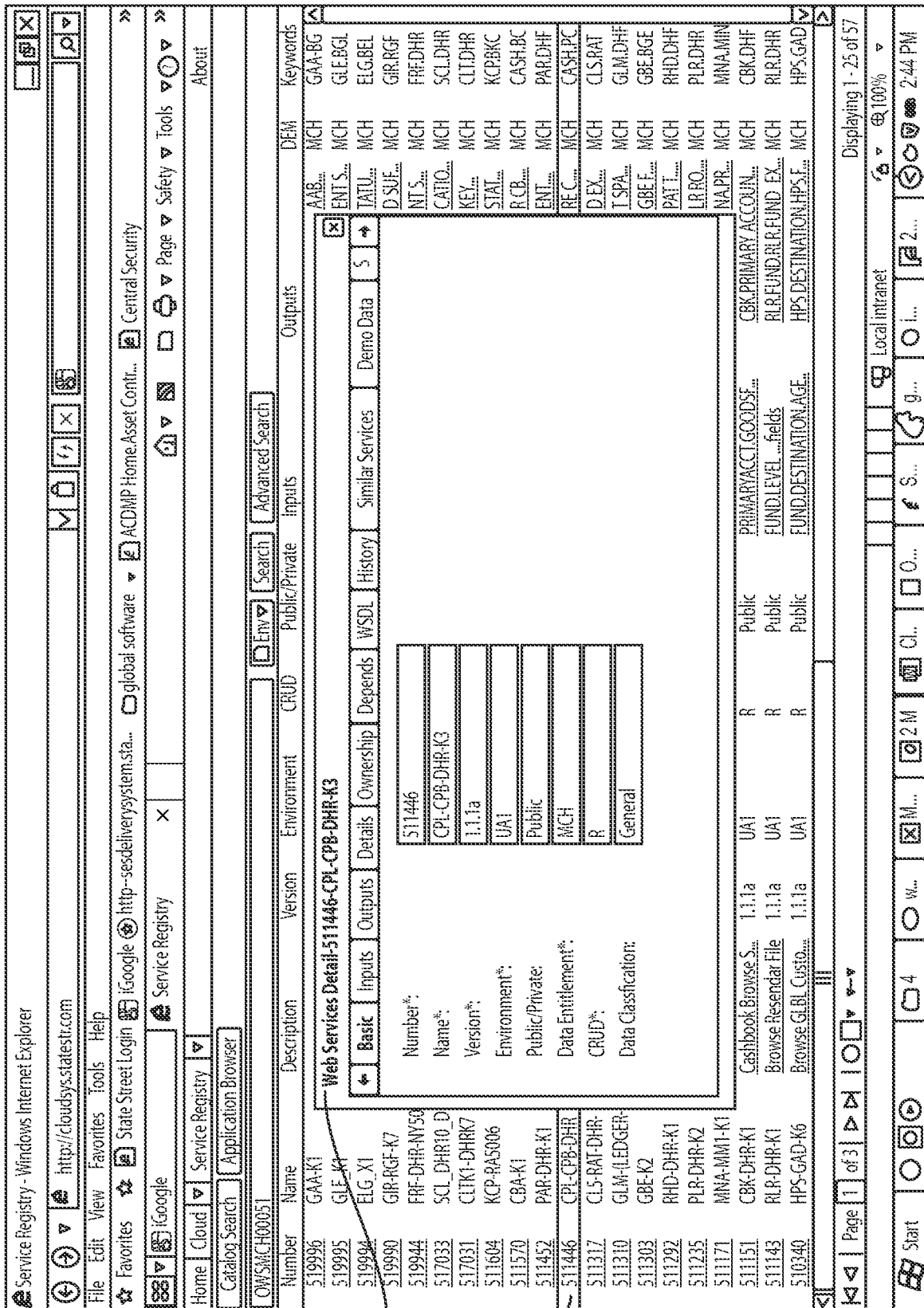
FIG. 23B

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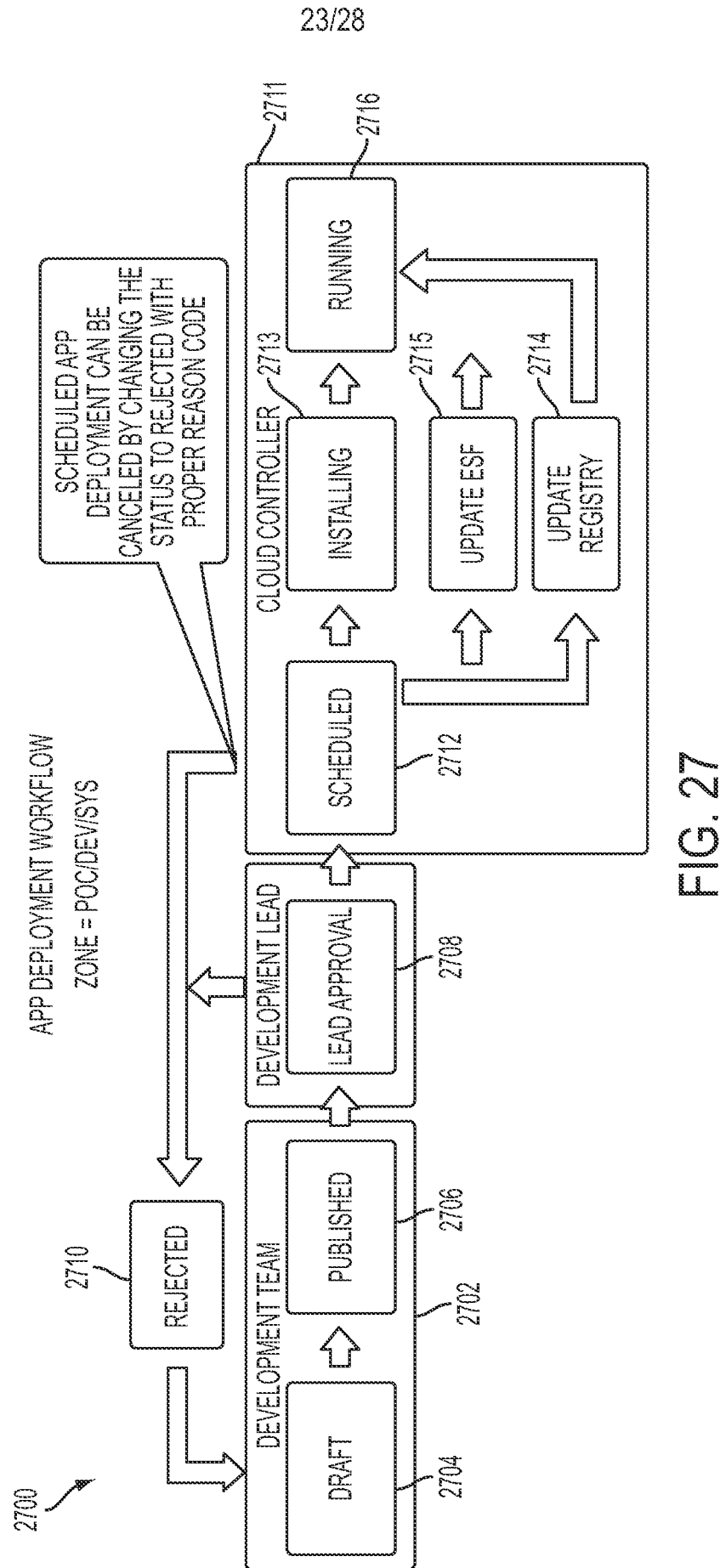


2500

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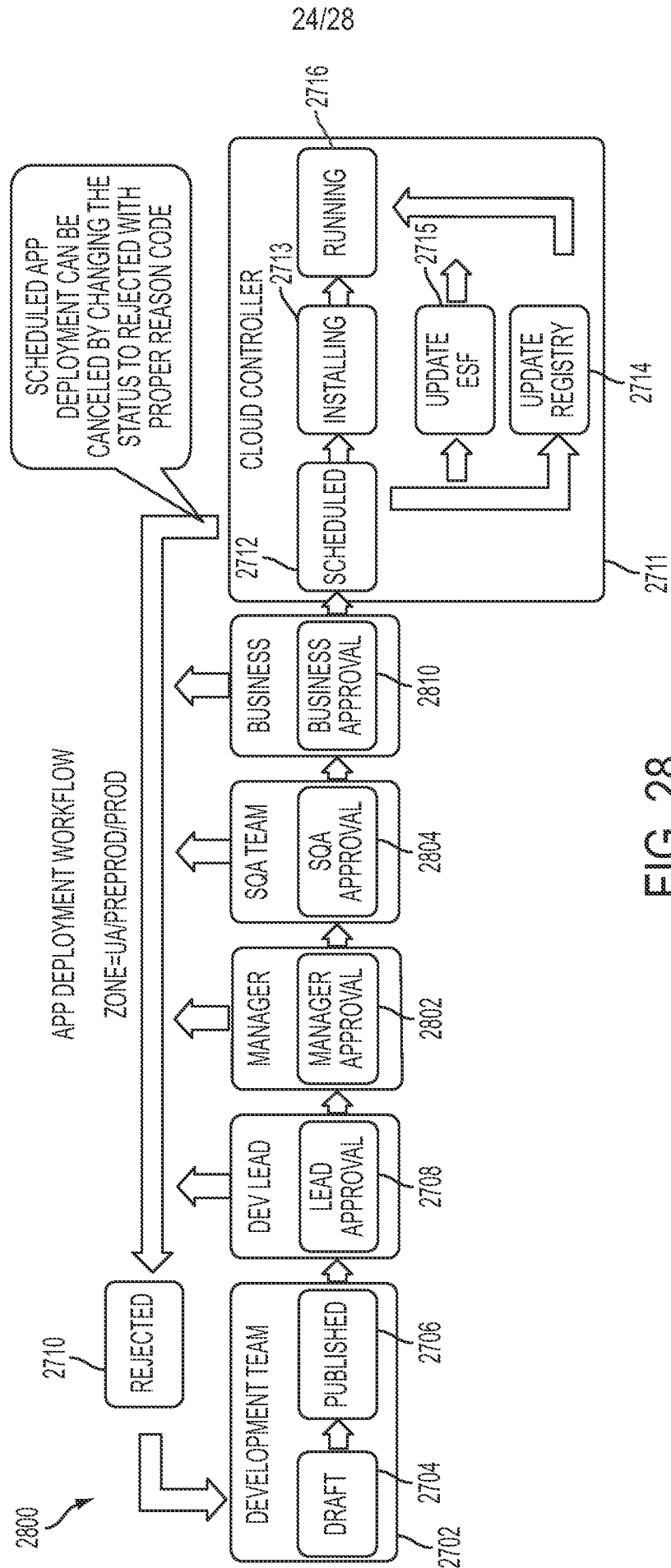


FIG. 28

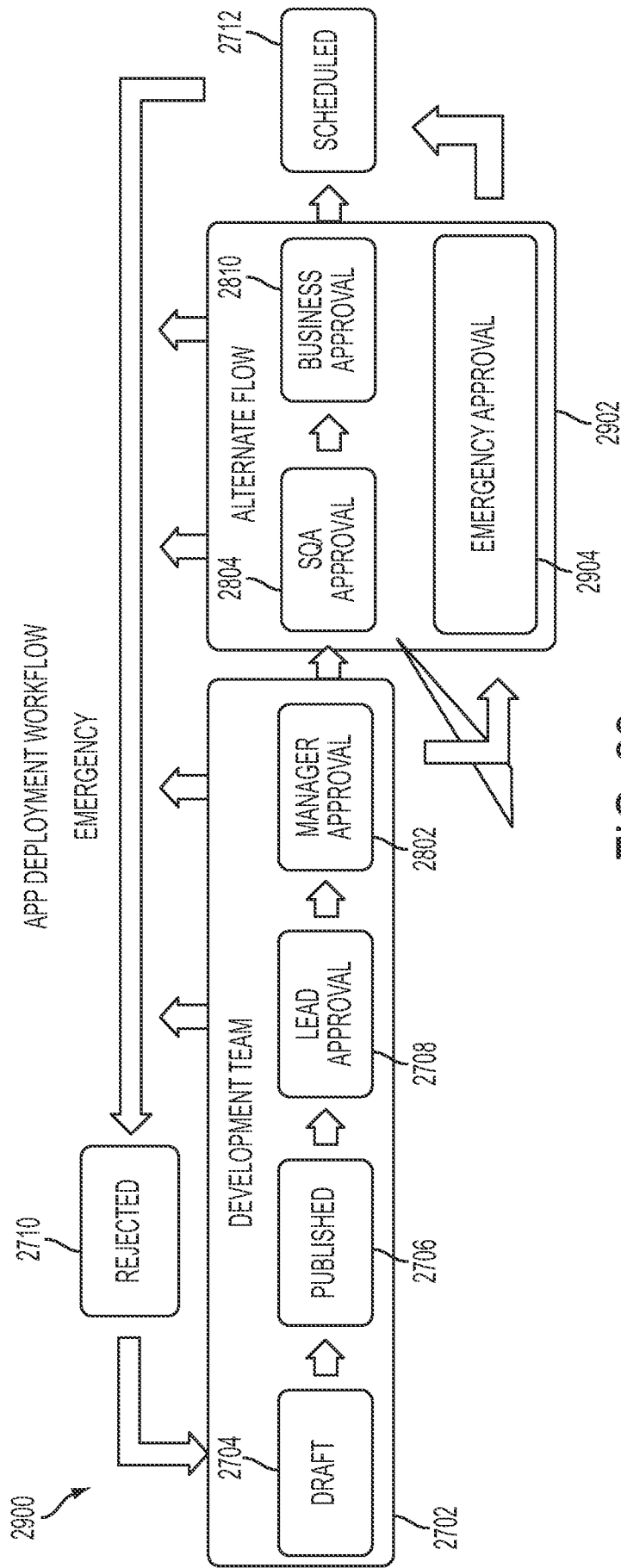


FIG. 29

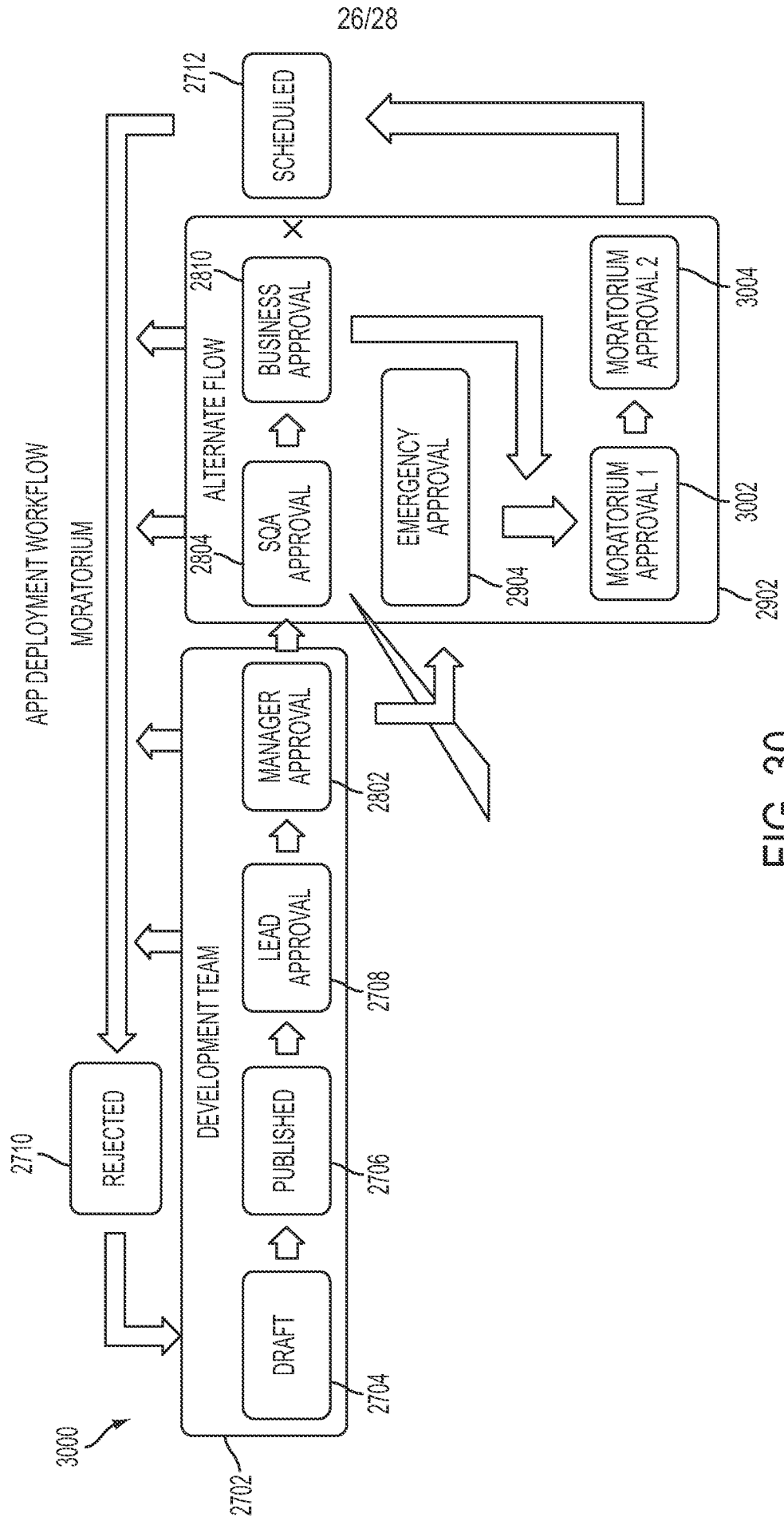


FIG. 30

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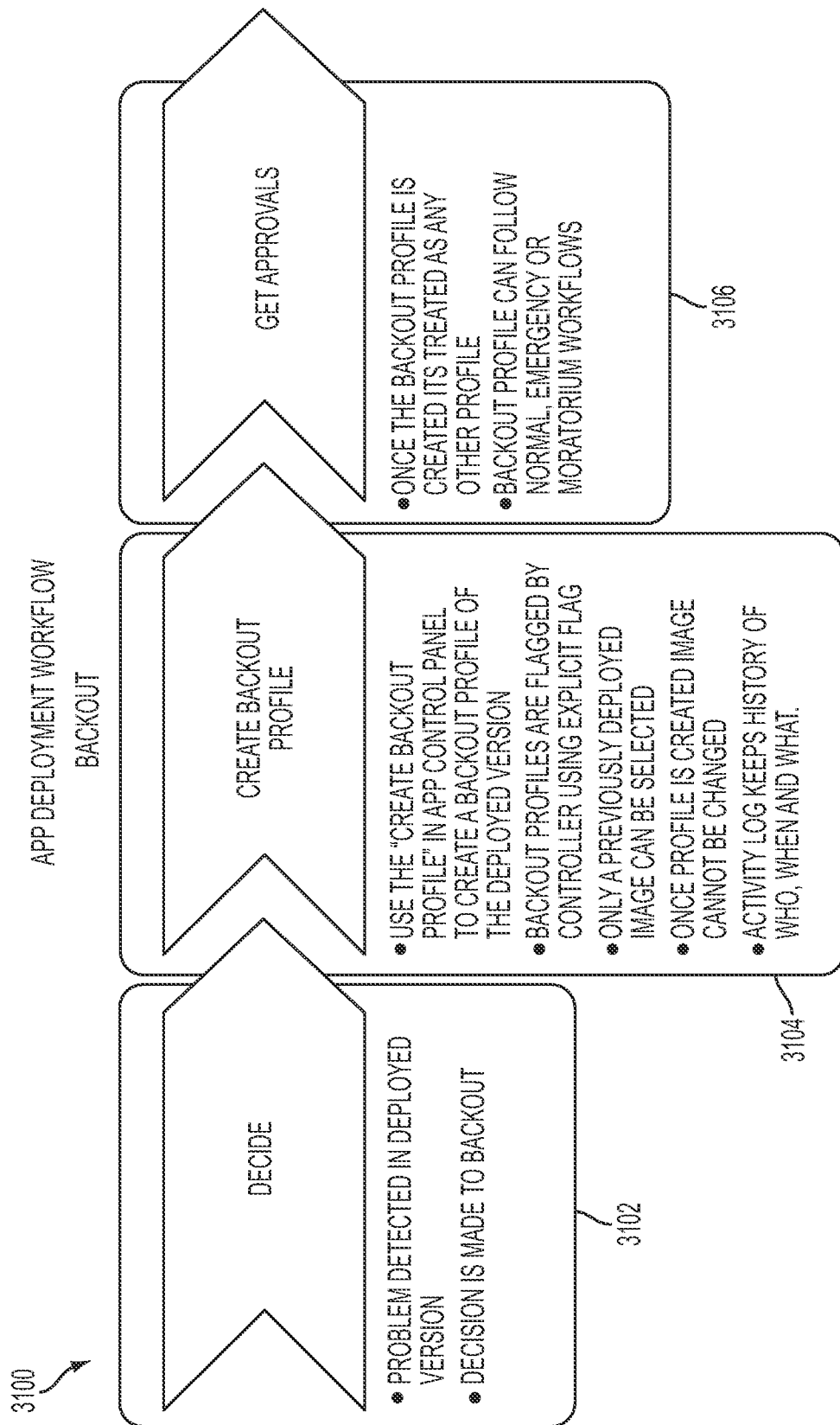


FIG. 31

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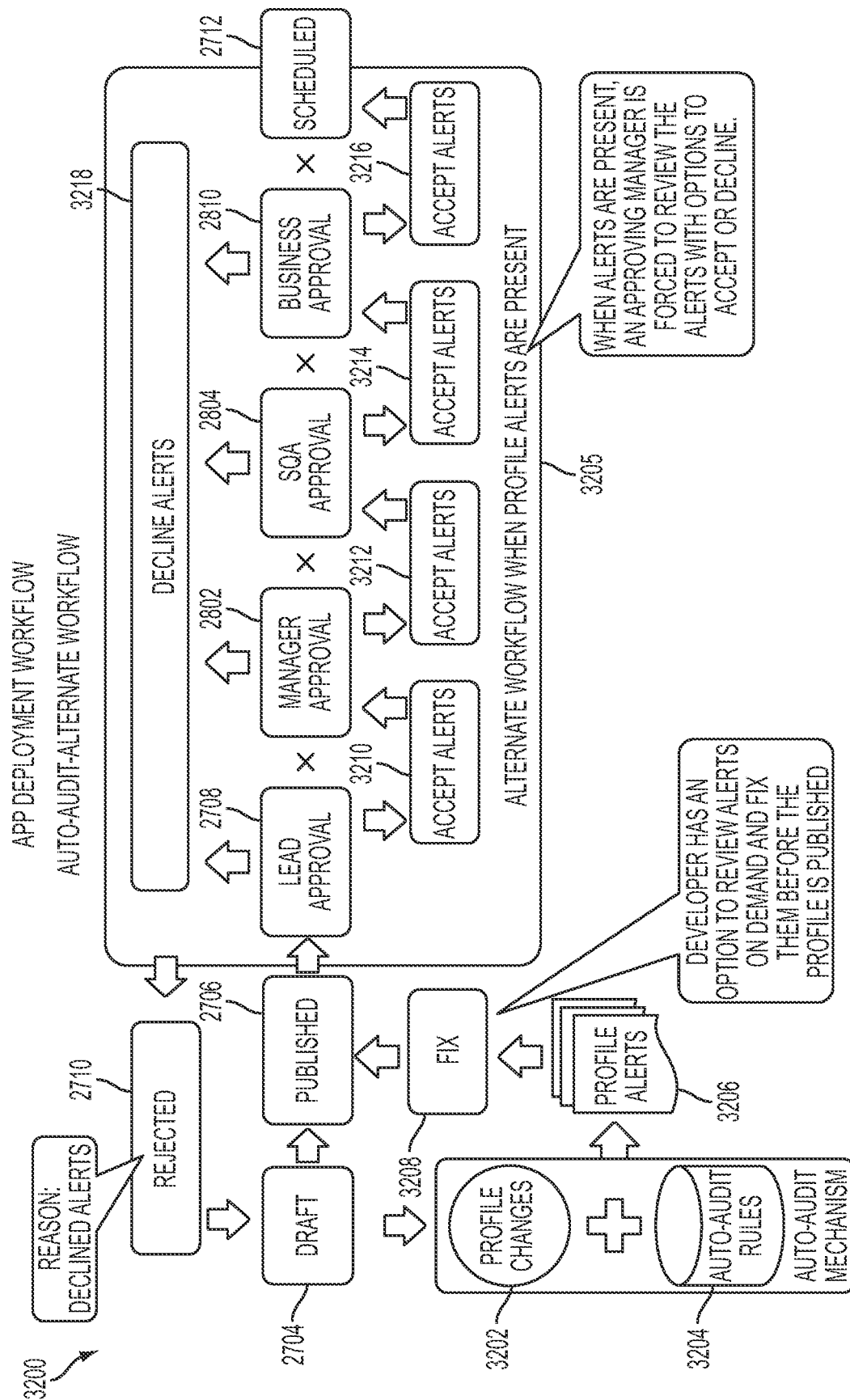


FIG. 32