

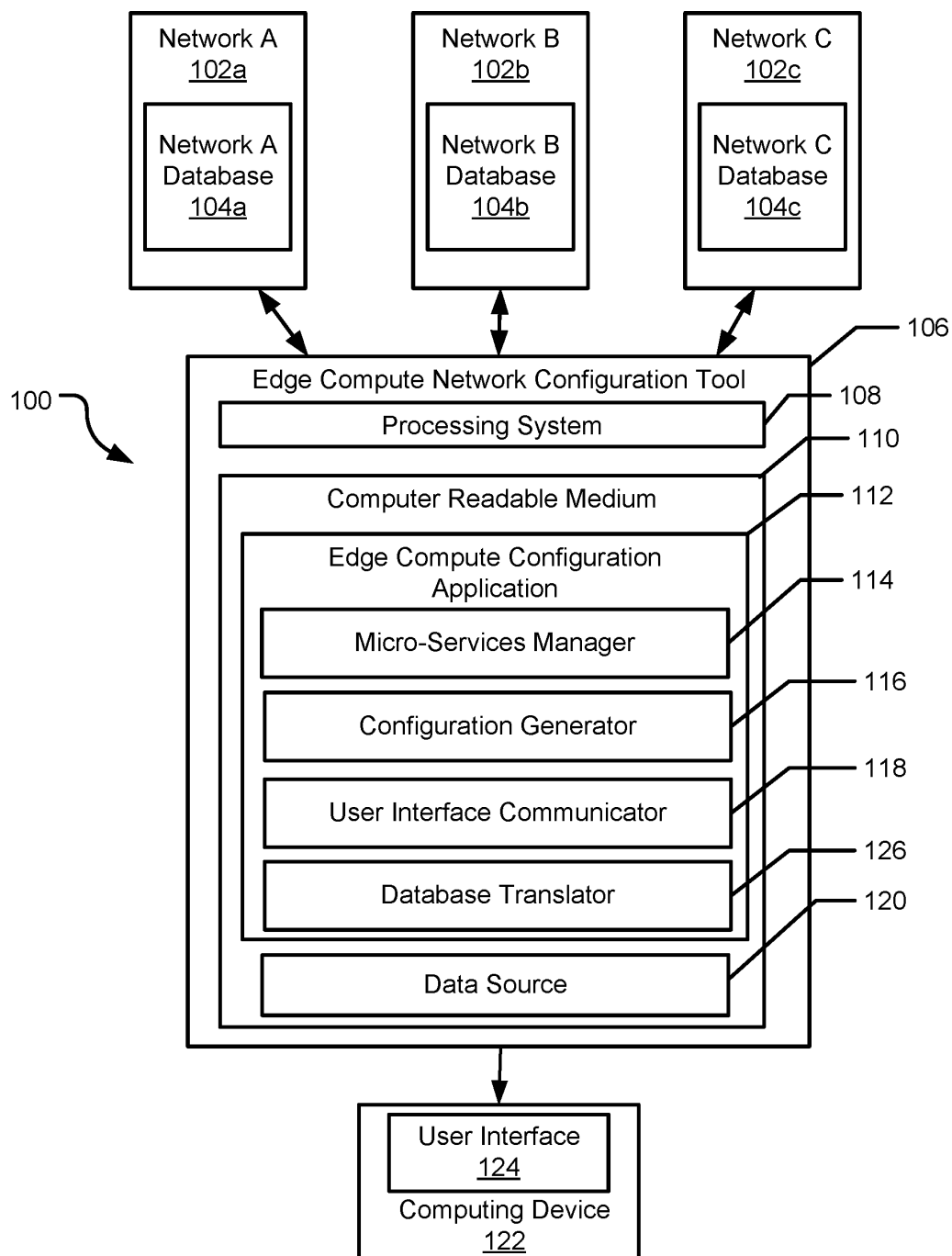
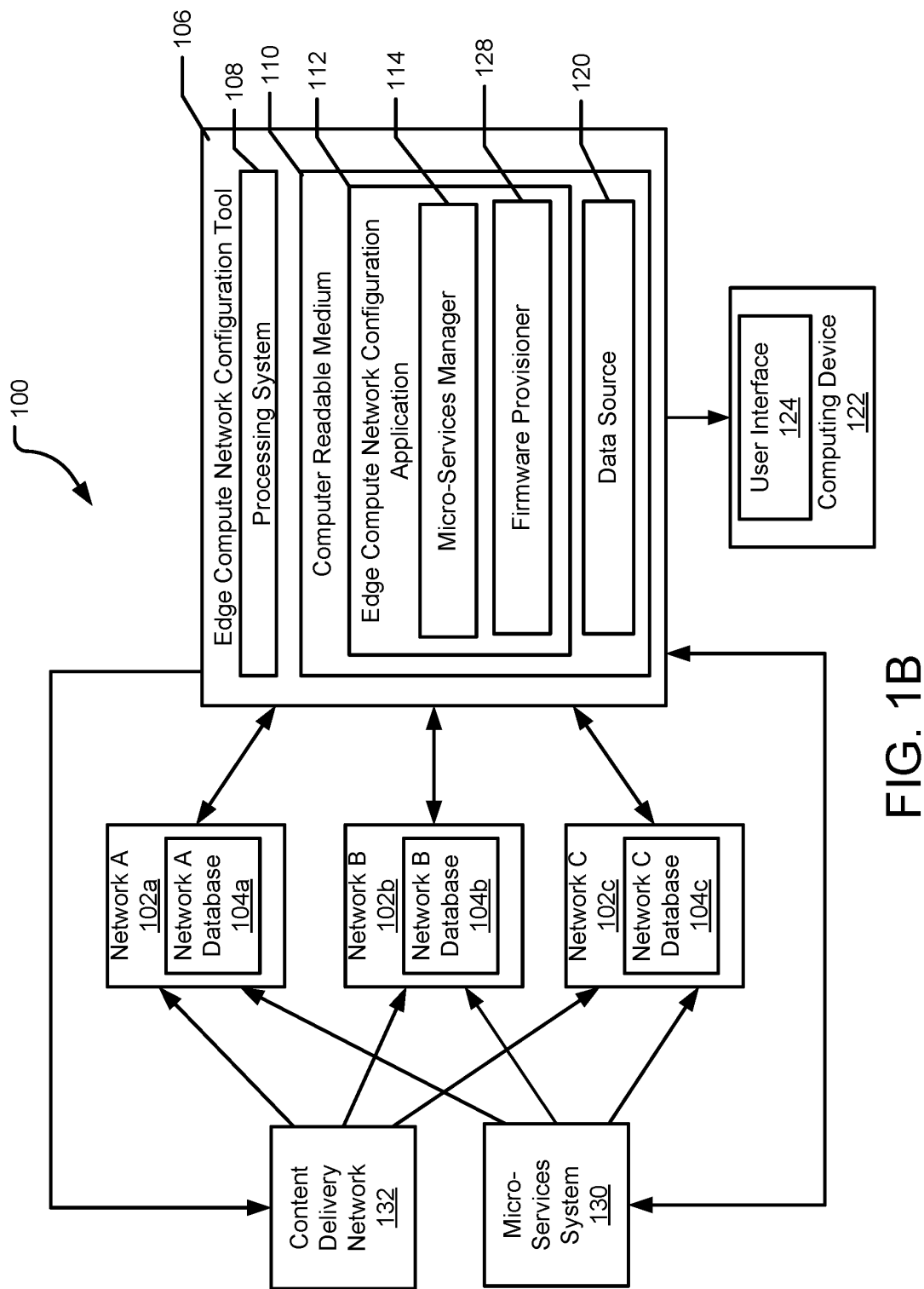


FIG. 1A



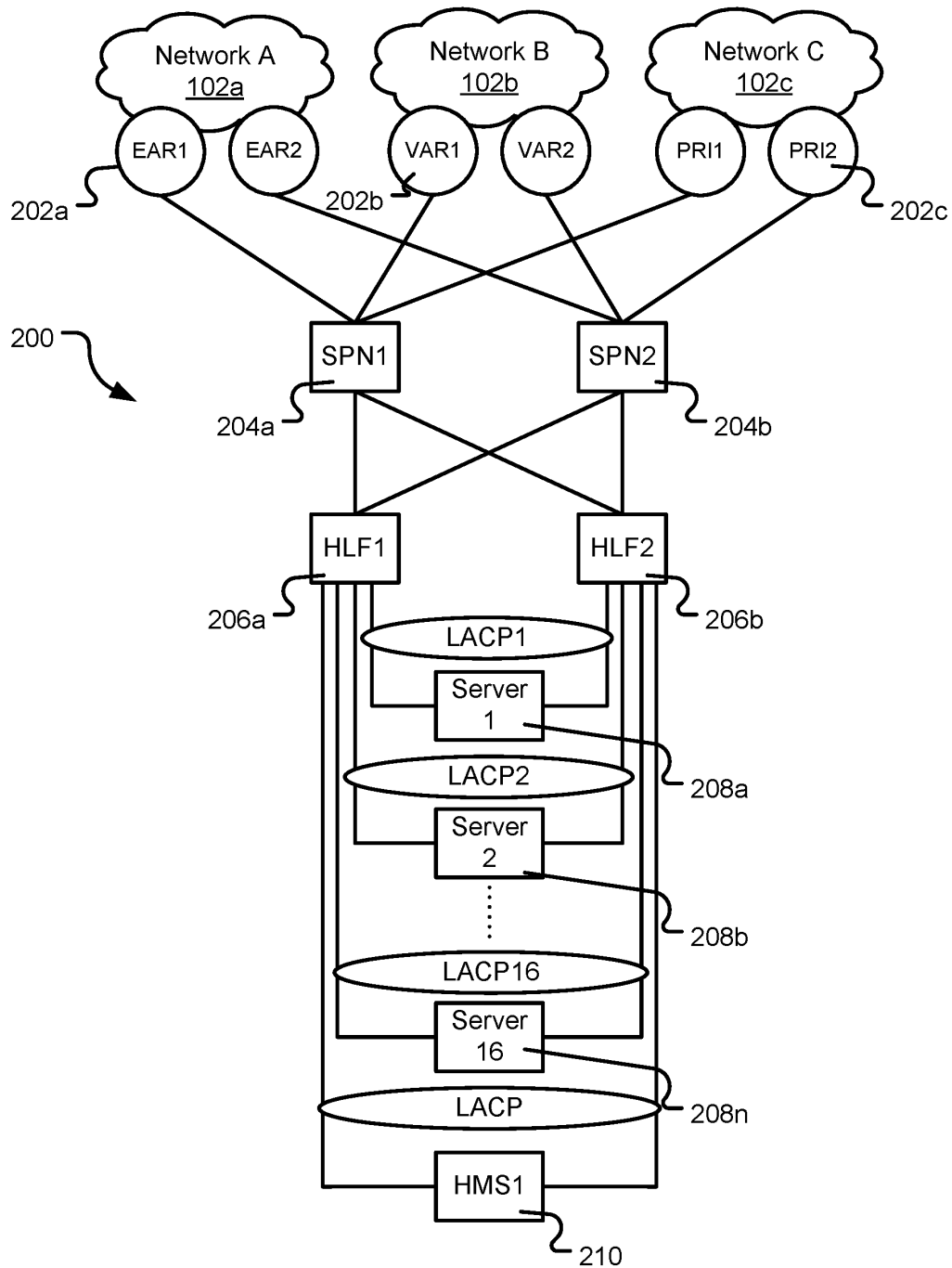


FIG. 2

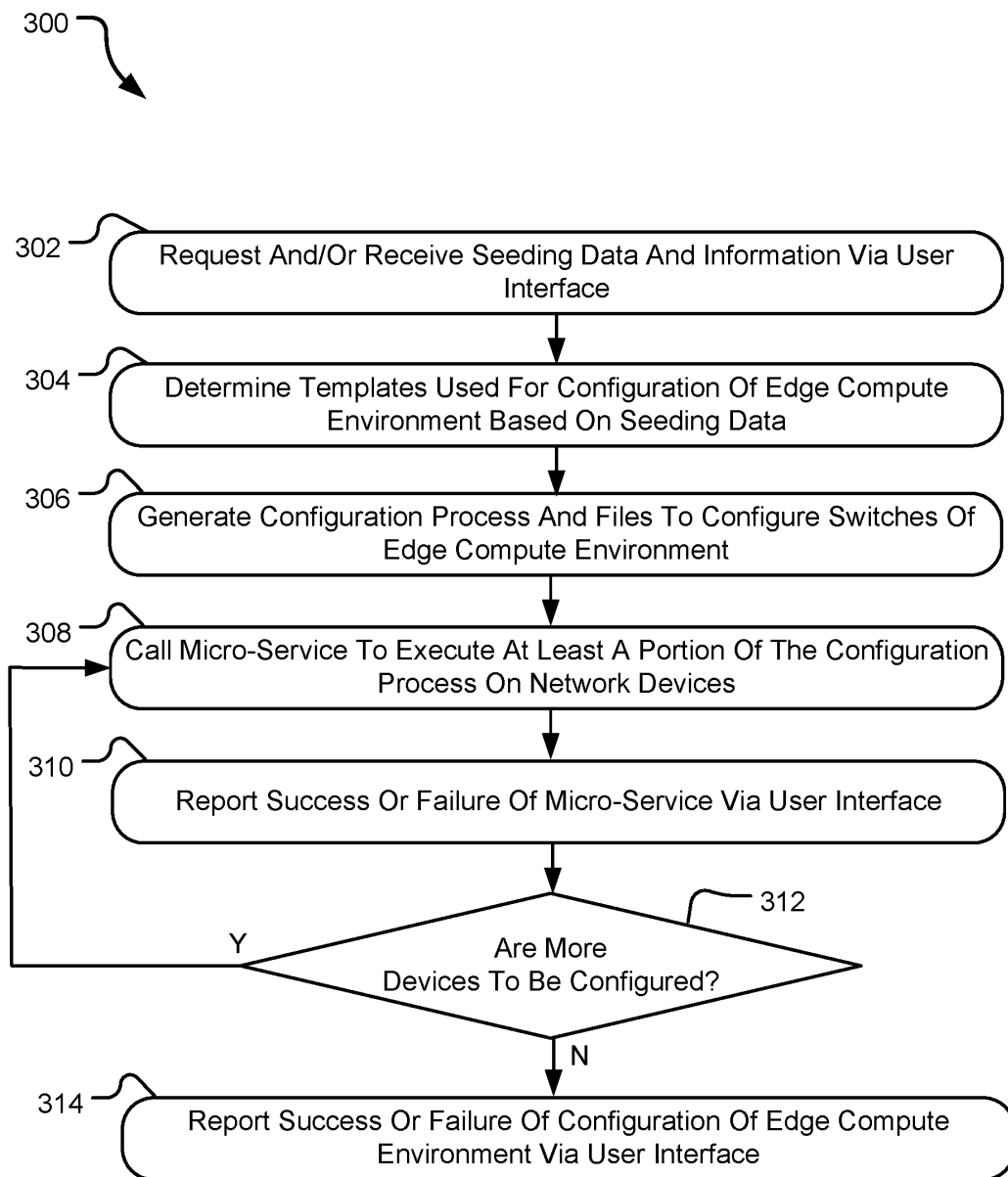


FIG. 3A

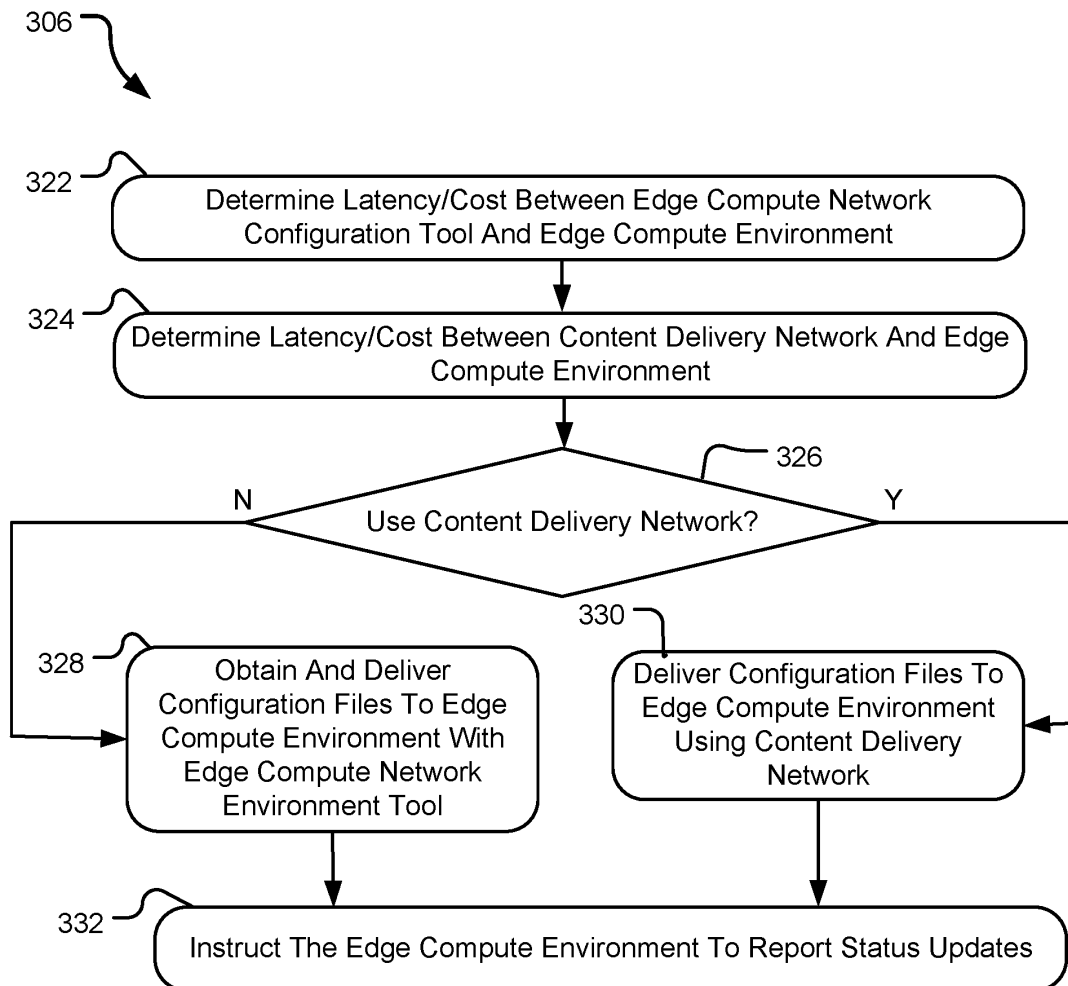


FIG. 3B

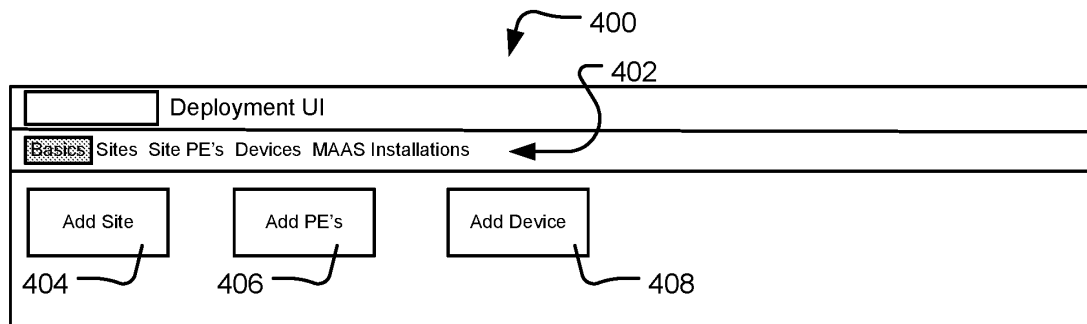


FIG. 4 is a screenshot of a "Deployment UI" interface. At the top, there is a header bar with a search input field and the text "Deployment UI". Below the header, there is a navigation menu with tabs: "Basics" (highlighted), "Sites", "Site PE's", "Devices", and "MAAS Installations". The main content area contains three buttons: "Add Site" (labeled 404), "Add PE's" (labeled 406), and "Add Device" (labeled 408). A label 400 points to the main content area, and a label 402 points to the navigation menu.

FIG.4

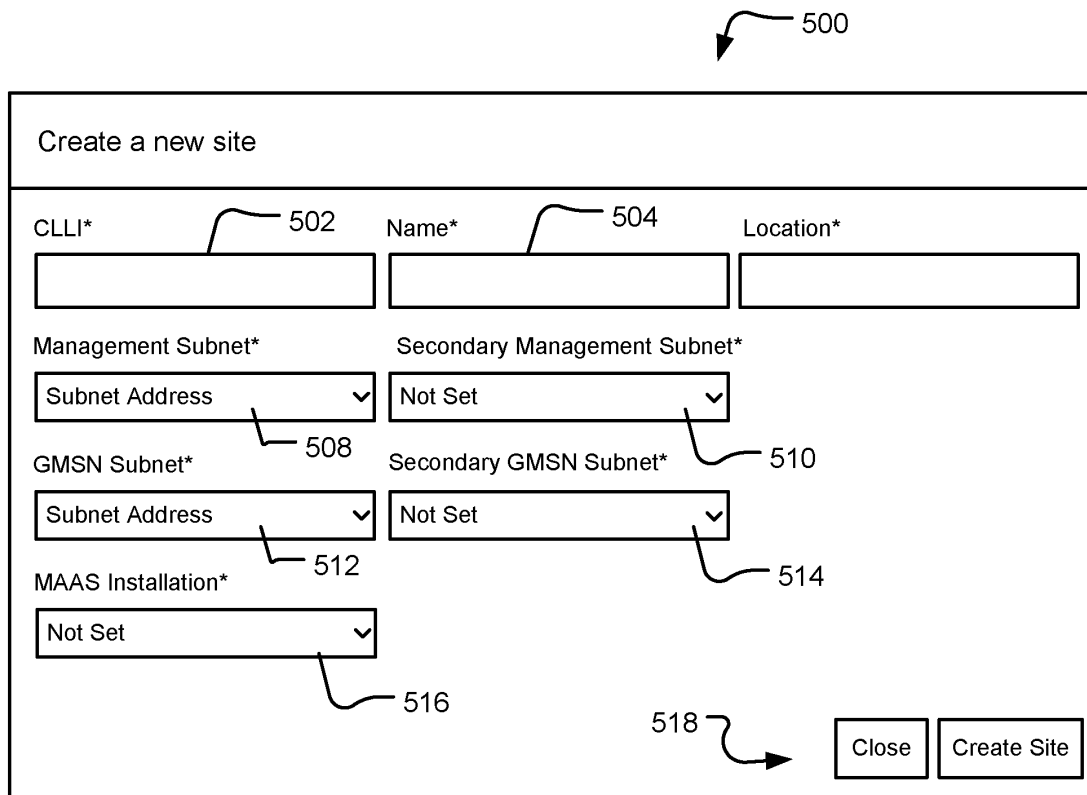


FIG. 5 is a screenshot of a "Create a new site" form. The form has a title "Create a new site" at the top. Below the title, there are three input fields: "CLLI*" (labeled 502), "Name*" (labeled 504), and "Location*". Below these fields, there are two rows of subnets. The first row is for "Management Subnet*" and "Secondary Management Subnet*", both with dropdown menus showing "Subnet Address" and "Not Set". The second row is for "GMSN Subnet*" (labeled 508) and "Secondary GMSN Subnet*" (labeled 510), both with dropdown menus showing "Subnet Address" and "Not Set". Below these rows, there is a "MAAS Installation*" field (labeled 512) with a dropdown menu showing "Not Set" (labeled 516). At the bottom right, there are two buttons: "Close" and "Create Site" (labeled 518).

FIG.5

600

Create a new Router Group

608

Site*

622

624

626

610

EAR-1 Hostname

Optic

1st Interface

2nd Interface

3rd Interface

612

EAR-2 Hostname

Optic

1st Interface

2nd Interface

3rd Interface

614

VAR-1 Hostname

Optic

1st Interface

2nd Interface

616

VAR-2 Hostname

Optic

1st Interface

2nd Interface

618

PRI-1 Hostname

Optic

1st Interface

2nd Interface

620

PRI-2 Hostname

Optic

1st Interface

2nd Interface

602

604

606

628

Submit

FIG.6

700 ↙

Create a new device

702 ↗ Site
..... ▾

704 ↗ Device Function
..... ▾

706 ↗ Device Serial Number
.....

708 ↗ Rack
.....

710 ↗ Rack Unit
.....

712 ↗ Terminal Server Hostname
.....

714 ↗ Management Switch Hostname
.....

716 ↗

Close

Create Device

FIG.7

SUBSTITUTE SHEET (RULE 26)

402

800

Deployment UI

Basics Sites Site PE's Devices MAAS Installations

Show 10 entries

Search:

802

804

806

808

Code	Name	Location	MGMT Subnet (MOSS VRF)	Sec. MGMT Subnet (MOSS VRF)	GMSN Subnets (VLAN 42)	Sec. GMSN Subnets (VLAN 42)	PE Status	Actions
BILLXXX	BILLXXX	BILLXXX	10.192.1.0/24	Not Set	10.192.1.0/24 10.192.2.0/24	4010 4011	Unconfigured	Scan Site Report Edit Delete
MINERLAB	Mineral Lab 4	Denver, CO	10.192.1.0/24	Not Set	10.192.1.0/24 10.192.2.0/24	Not Set	Unconfigured	Scan Site Report Edit Delete

Showing 1 to 2 of 2 entries

Previous Next

FIG.8

402

900

Deployment UI

Basics Sites Site PE's Devices MAAS Installations

Show 10 entries

Search:

902

904

Site	EAR-1/Optic	EAR-2/Optic	VAR-1/Optic	VAR-2/Optic	PRI-1/Optic	PRI-2/Optic
MINERLAB	mnl-ear-1/CW4	mnl-ear-2/CW4	mnl-var-1/CW4	mnl-var-2/CW4	mnl-priv-20/CW4	mnl-priv-21/CW4

Showing 1 to 2 of 2 entries

Previous Next

FIG.9

402

Deployment UI

Logout Admin

Basics

Sites

Site PE's

Devices

MAAS Installations

Show

10

entries

Search:

Site	Hostname	Interface Standard (Network/Compute)	Device Model	Serial Number	MGMT IP	Validation
MINERLAB	MINERLABXX001	Mineral Lab XX001/Not Set	Model ID	Serial ID	10.237.X.X	Edit Delete
MINERLAB	MINERLABXX002	Mineral Lab XX002/Not Set	Model ID	Serial ID	10.237.X.X	Edit Delete
MINERLAB	MINERLABXY001	Mineral Lab XY001/Production 4X25	Model ID	Serial ID	10.237.X.X	Edit Delete
MINERLAB	MINERLABXY002	Mineral Lab XY002/Production 4X25	Model ID	Serial ID	10.237.X.X	Edit Delete
MINERLAB	MINERLABXZ001	Mineral Lab XZ001/Not Set	Model ID	Serial ID	10.237.X.X	Edit Delete
MINERLAB	MINERLABXX003	Mineral Lab XX003/Production 4X25	Model ID	Serial ID	10.237.X.X	Edit Delete
MINERLAB	MINERLABXX004	Mineral Lab XX004/Production 4X25	Model ID	Serial ID	10.237.X.X	Edit Delete
MINERLAB	MINERLABYY002	Mineral Lab YY002/Not Set	Model ID	Serial ID	10.237.X.X	Edit Delete

Showing 1 to 8 of 8 entries

Previous

1

Next

1002

1004

1000

1008

FIG.10

402

Deployment UI

Basics Sites Site PE's Devices MAAS installations

Show 10 entries

Search:

New MAAS Installation

Edit Delete

Previous Next

1104

Name	DHCP Forward Address	Endpoint Address
LB1	10.192.X.X	10.10.X.X

Showing 1 to 1 of 2 entries

1102

FIG.11

402

Deployment UI

Logout Admin

Basics

Sites

Site PE's

Devices

OS Files

Base Config Files

Production Config Files

Interface Standards

MAAS Installations

Search:

Show entries

Interface Standard	Device Function	Device Interface	Remote Interface	Remote Function	Set Description From LLDP	Network Ready Requirement
Minerlab EM001	EM001	xe-0/2/0	xe-0/0/32	QH001	false	true
Minerlab EM001	EM001	xe-0/2/1	xe-0/0/32	QH002	false	true
Minerlab EM001	EM001	me0	ANY	ANY	true	true
Minerlab EM002	EM002	xe-0/2/0	xe-0/0/32	QH003	false	true
Minerlab EM002	EM002	xe-0/2/1	xe-0/0/32	QH004	false	true
Minerlab EM002	EM002	me0	ANY	ANY	true	true
Minerlab QH001	QH001	et-0/0/26	et-0/0/0	QS001	false	true
Minerlab QH001	QH001	et-0/0/27	et-0/0/1	QS001	false	true
Minerlab QH001	QH001	et-0/0/28	et-0/0/2	QS001	false	true
Minerlab QH001	QH001	et-0/0/29	et-0/0/0	QS002	false	true

Showing 1 to 10 of 290 entries

Previous

1

2

3

4

5

..

29

Next

FIG.12

1300

Update device

1302

Site

.....

▼

1304

Device Function

.....

▼

1306

Network Device Standard

.....

1308

Revenue Ports

Reconfigure Revenue Ports

1310

Rack

1312

Rack Unit

1316

Close

Update Device

FIG.13

Revenue Port Configuration

Existing Revenue Port Configurations – Site ID

Count

0

8

Edit

Delete

Configuration Type A

Starting Port

Count

0

8

Edit

Delete

Choose Configuration to Add

Search:

Available Interface Port Configurations

Configuration Type A

Configuration Type B

Configuration Type C

Configuration Type D

Configuration Type E

Configuration Type F

Configuration Type G

Configuration Type H

Add

Add

Add

Add

Add

Add

Add

Add

Switch Interface Map

Interface Configuration

Chassis Number

et-0/0/0:0 Configuration Type A

1

et-0/0/0:1 Configuration Type A

1

et-0/0/0:2 Configuration Type A

1

et-0/0/0:3 Configuration Type A

1

et-0/0/1:0 Configuration Type A

1

et-0/0/1:1 Configuration Type A

1

et-0/0/1:2 Configuration Type A

1

et-0/0/1:3 Configuration Type A

1

et-0/0/2:0 Configuration Type A

2

et-0/0/2:1 Configuration Type A

2

et-0/0/2:2 Configuration Type A

2

et-0/0/2:3 Configuration Type A

2

et-0/0/3:0 Configuration Type A

2

et-0/0/3:1 Configuration Type A

2

et-0/0/3:2 Configuration Type A

2

Close

FIG.14

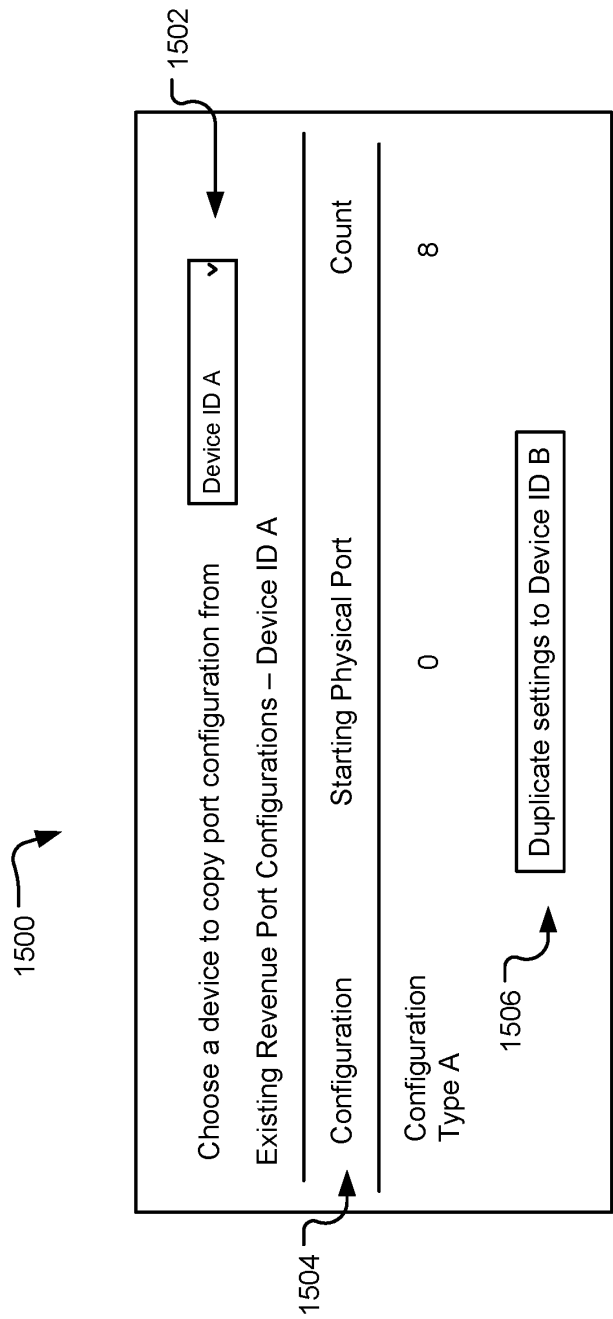


FIG.15

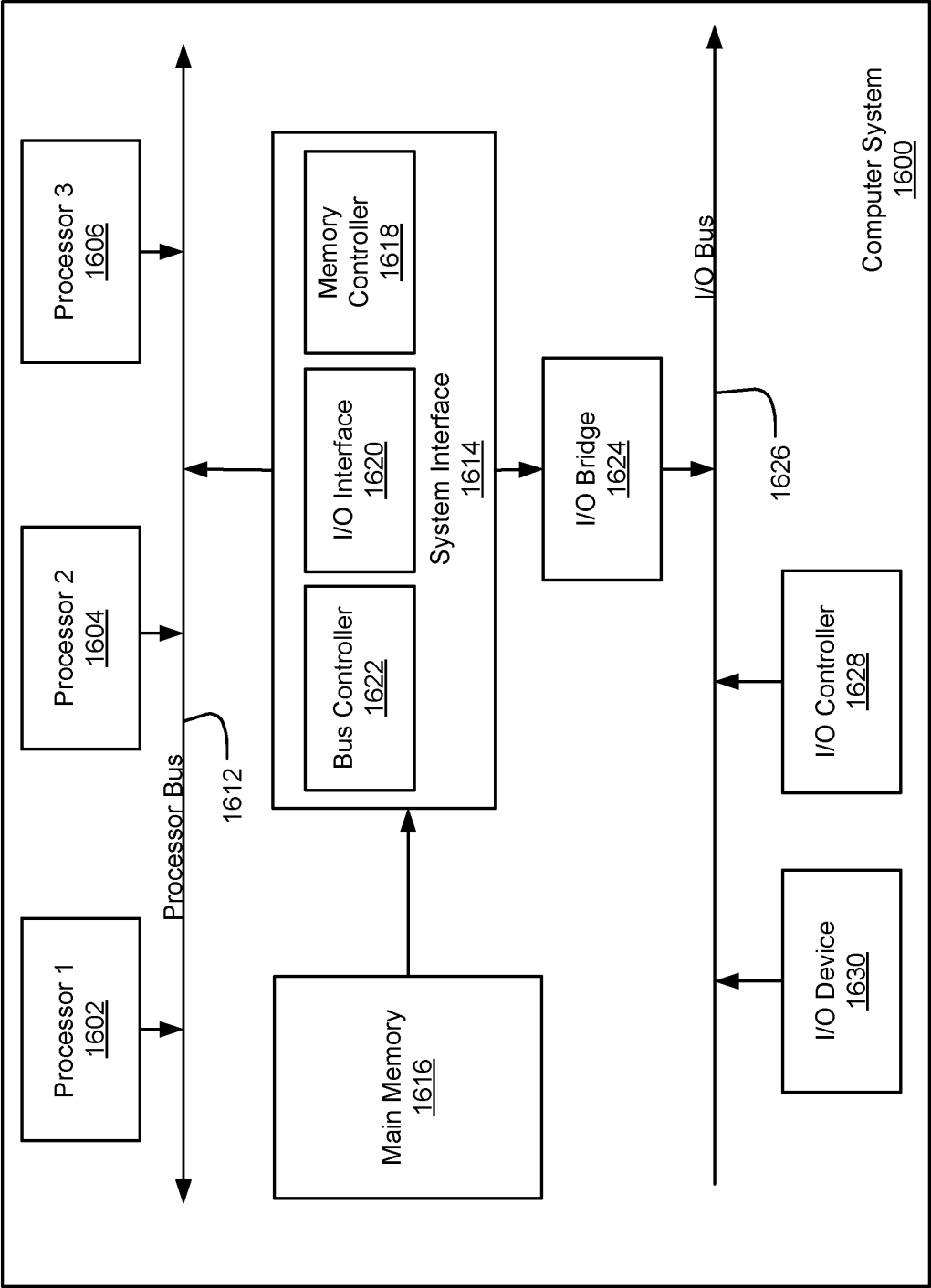


FIG. 16