

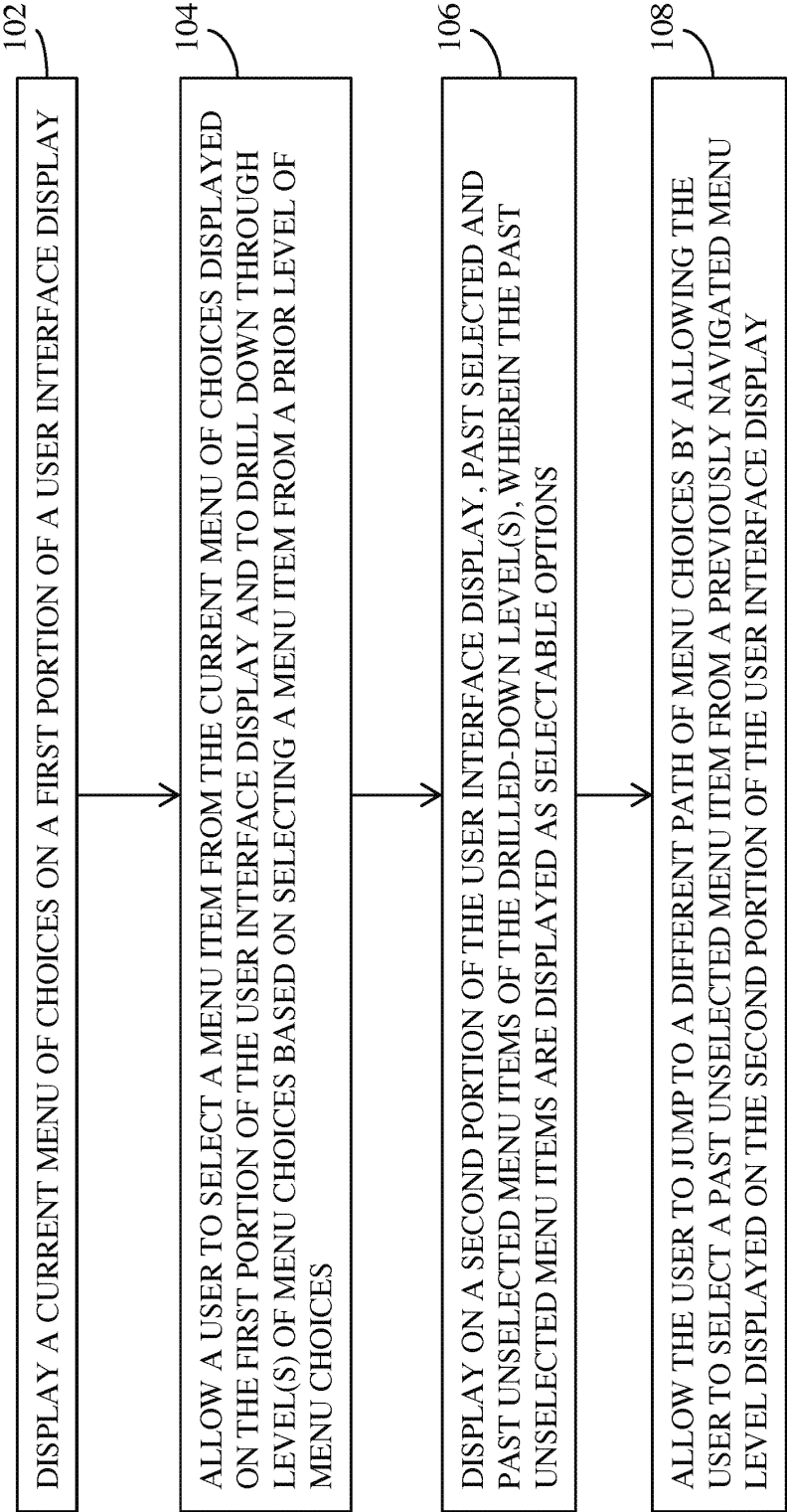


FIG. 1

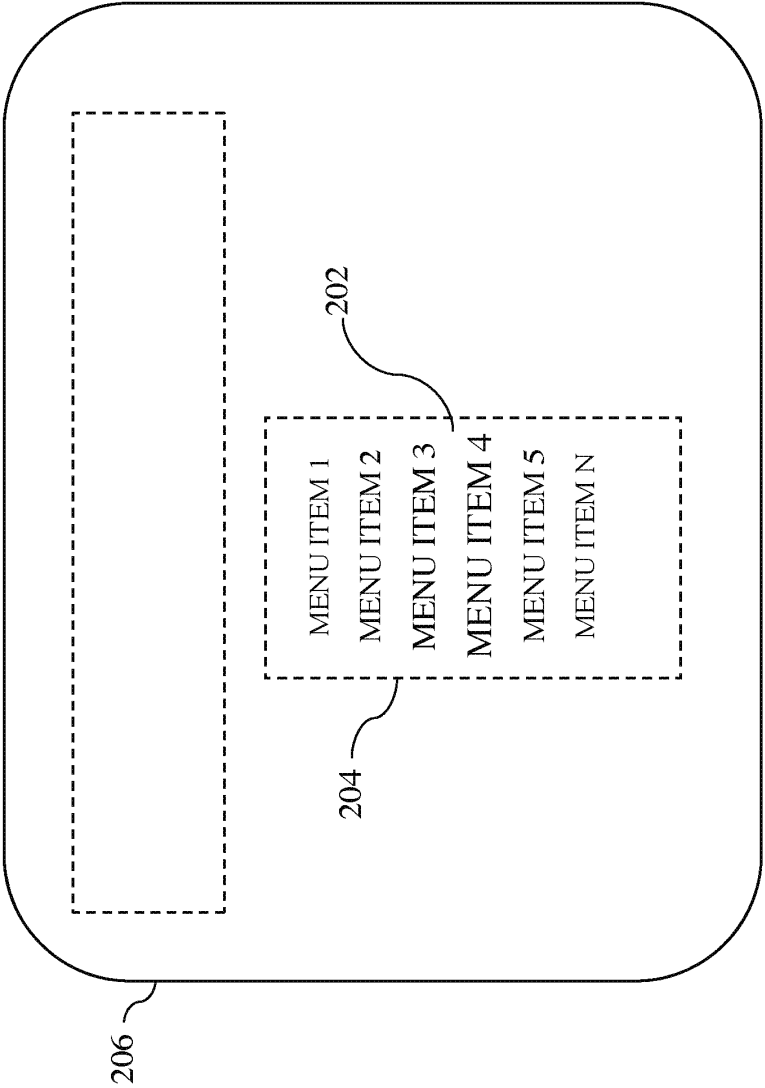


FIG. 2A

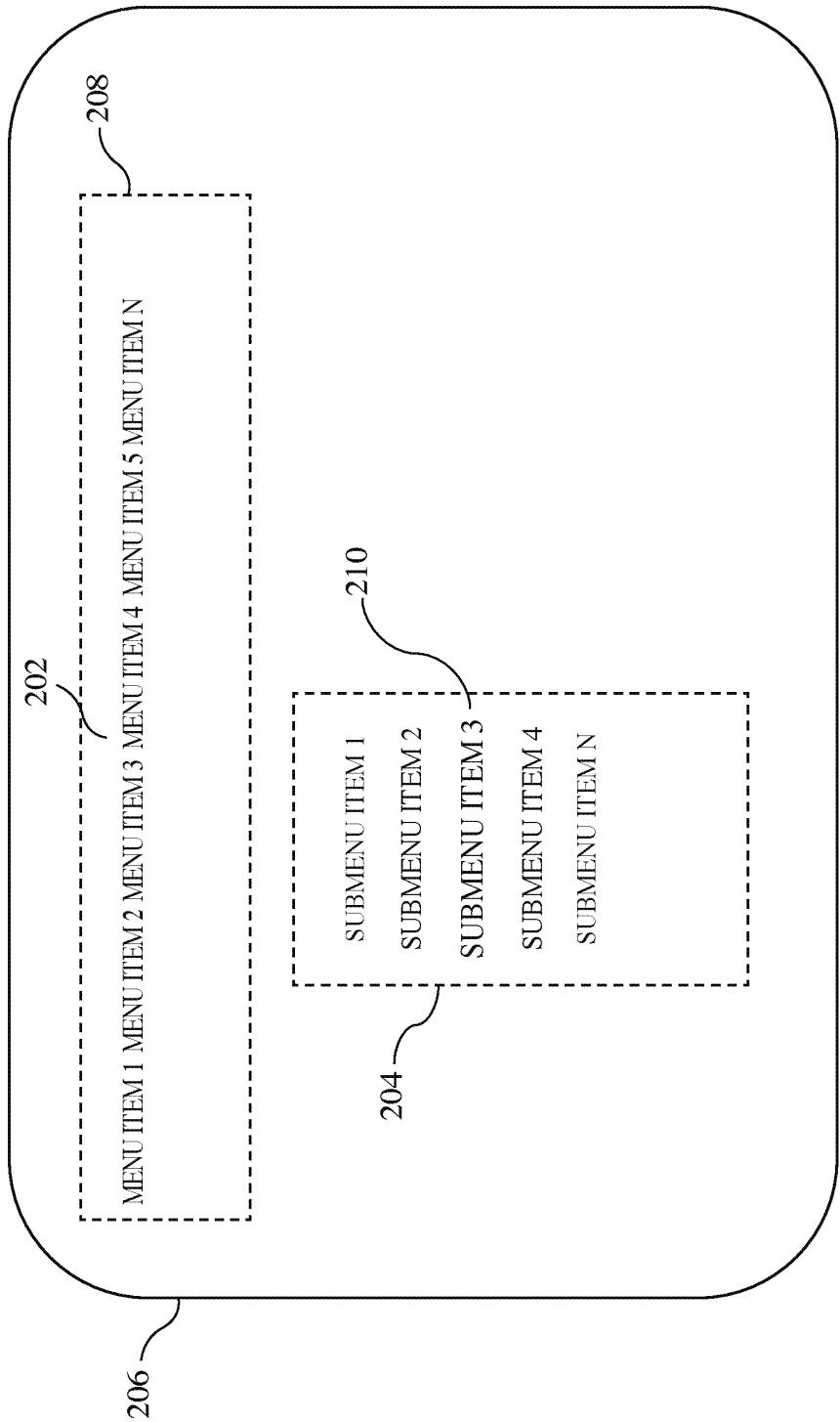


FIG. 2B

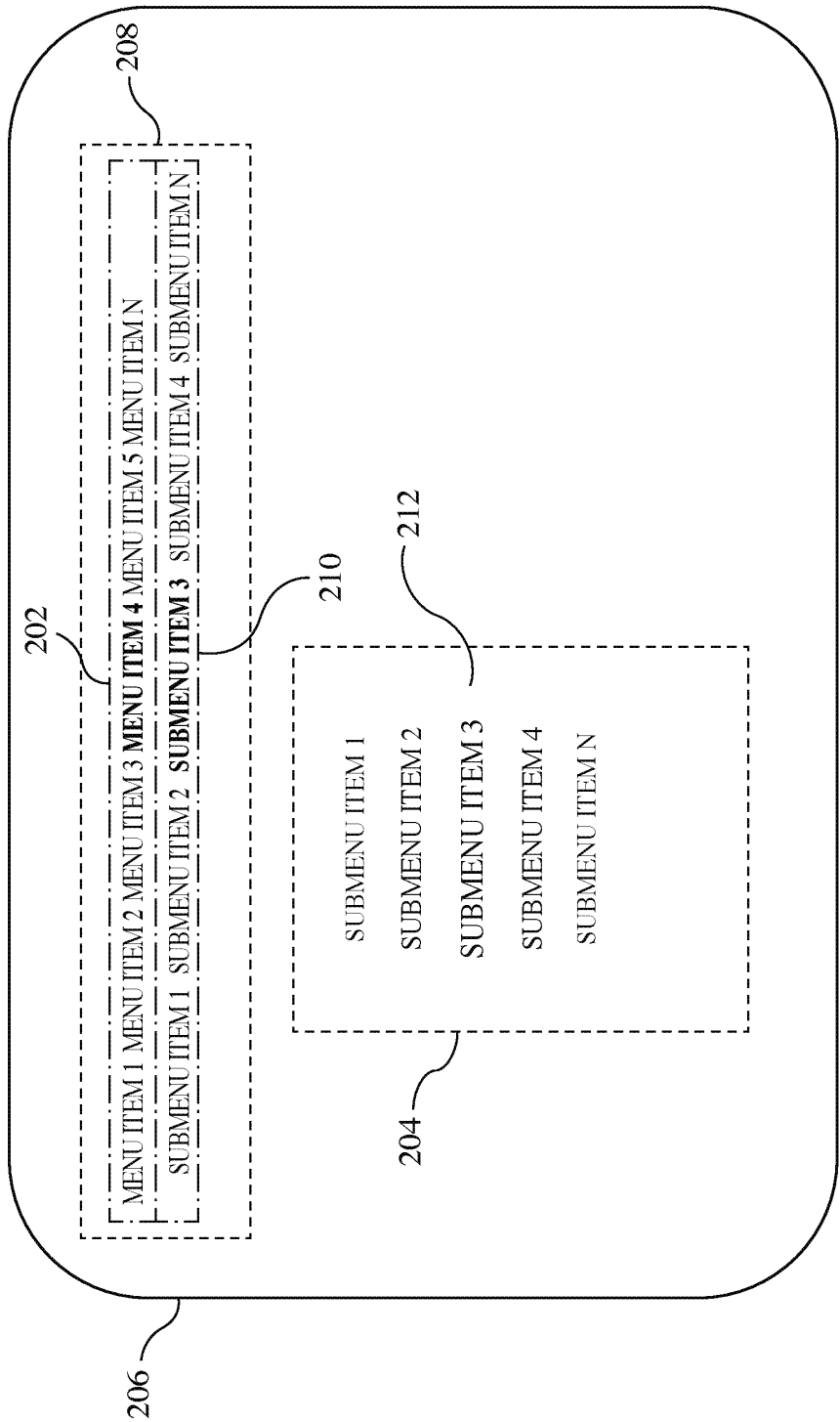


FIG. 2C

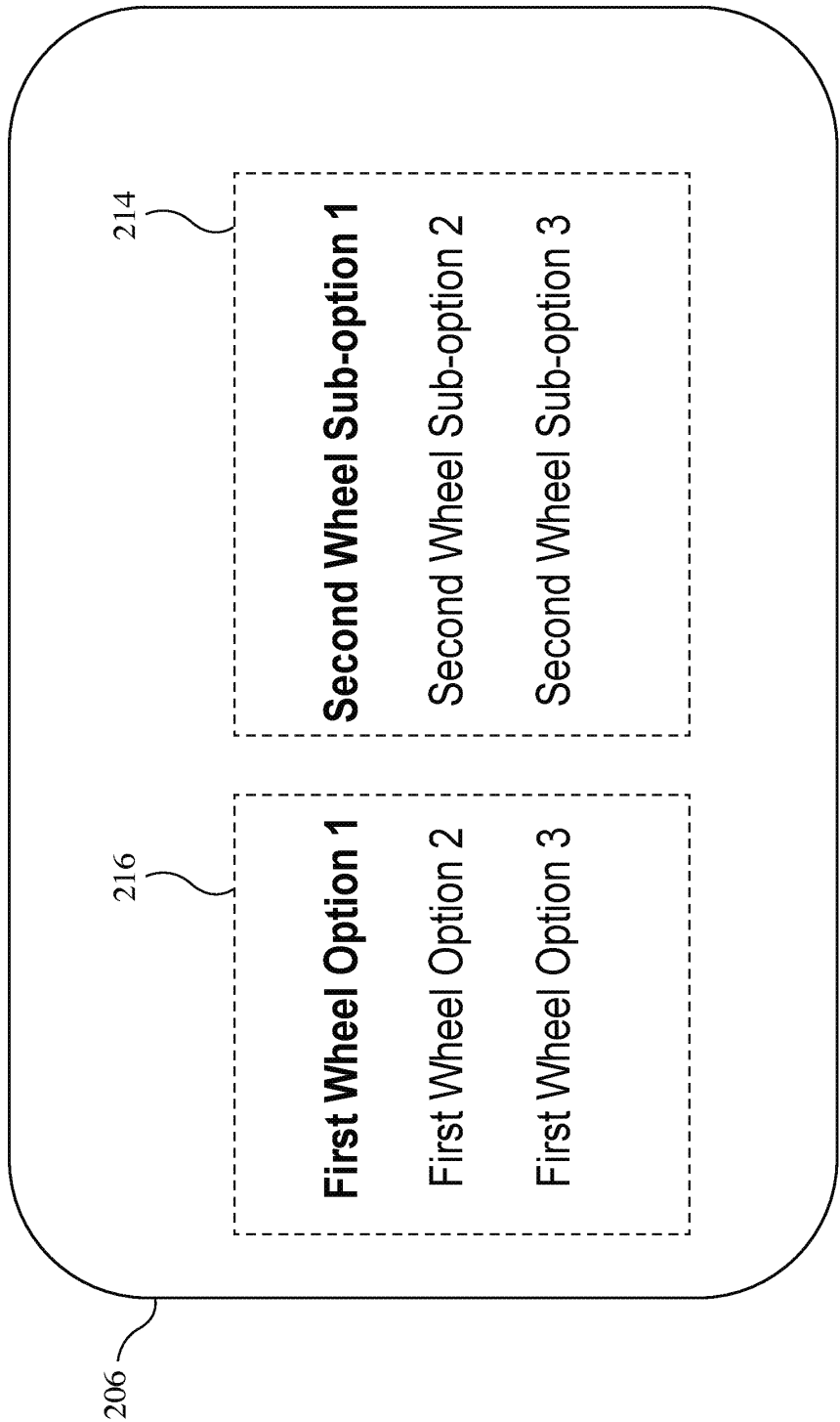


FIG. 2D

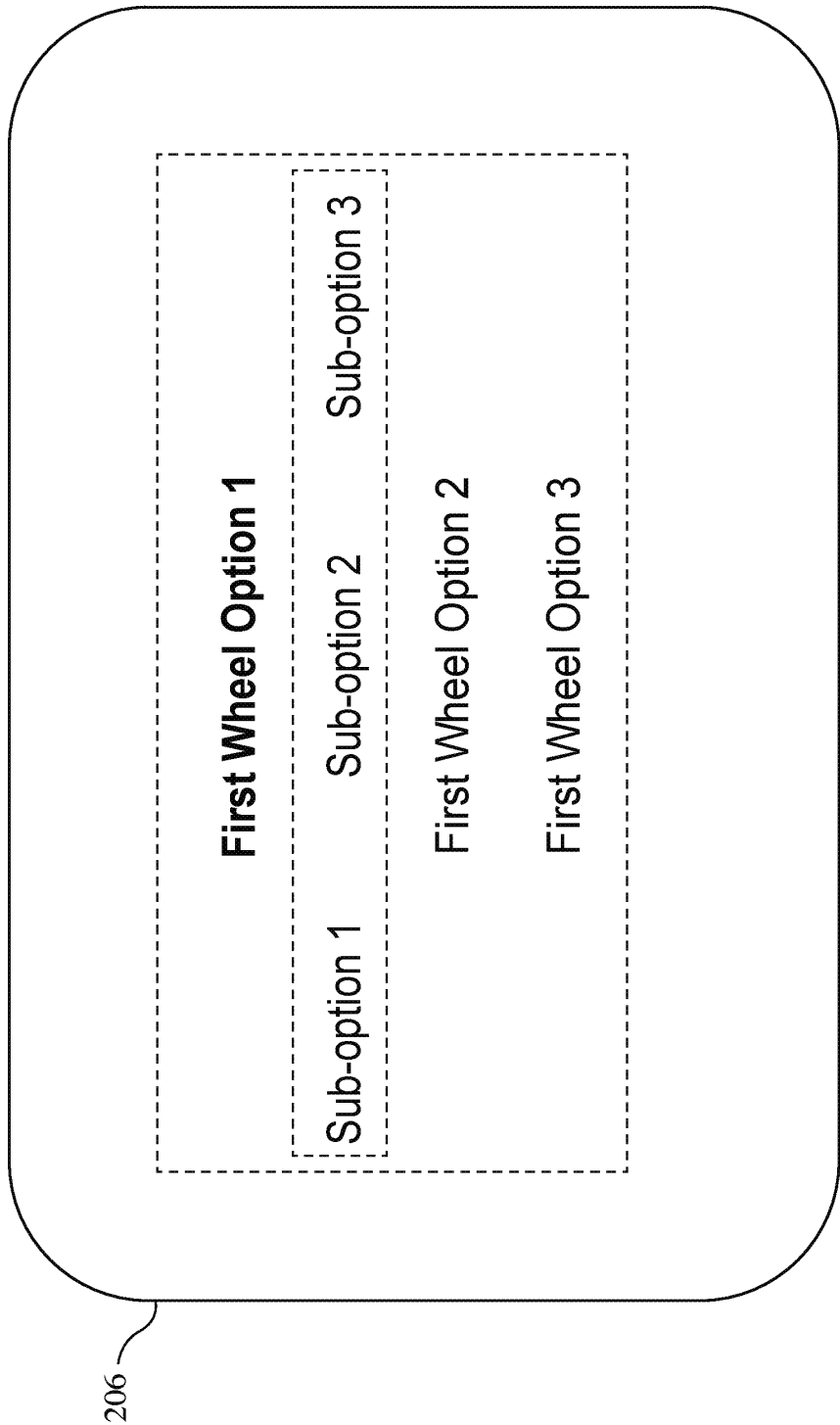


FIG. 2E

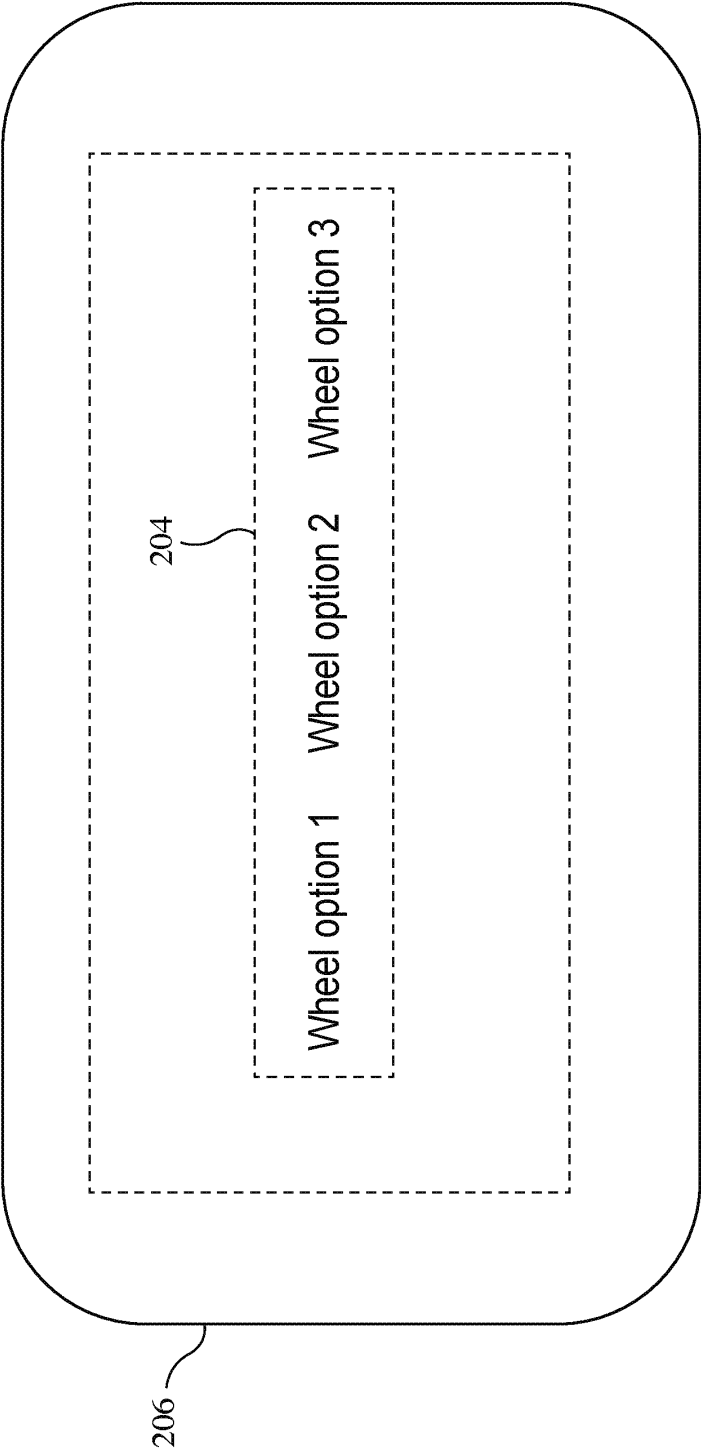


FIG. 2F

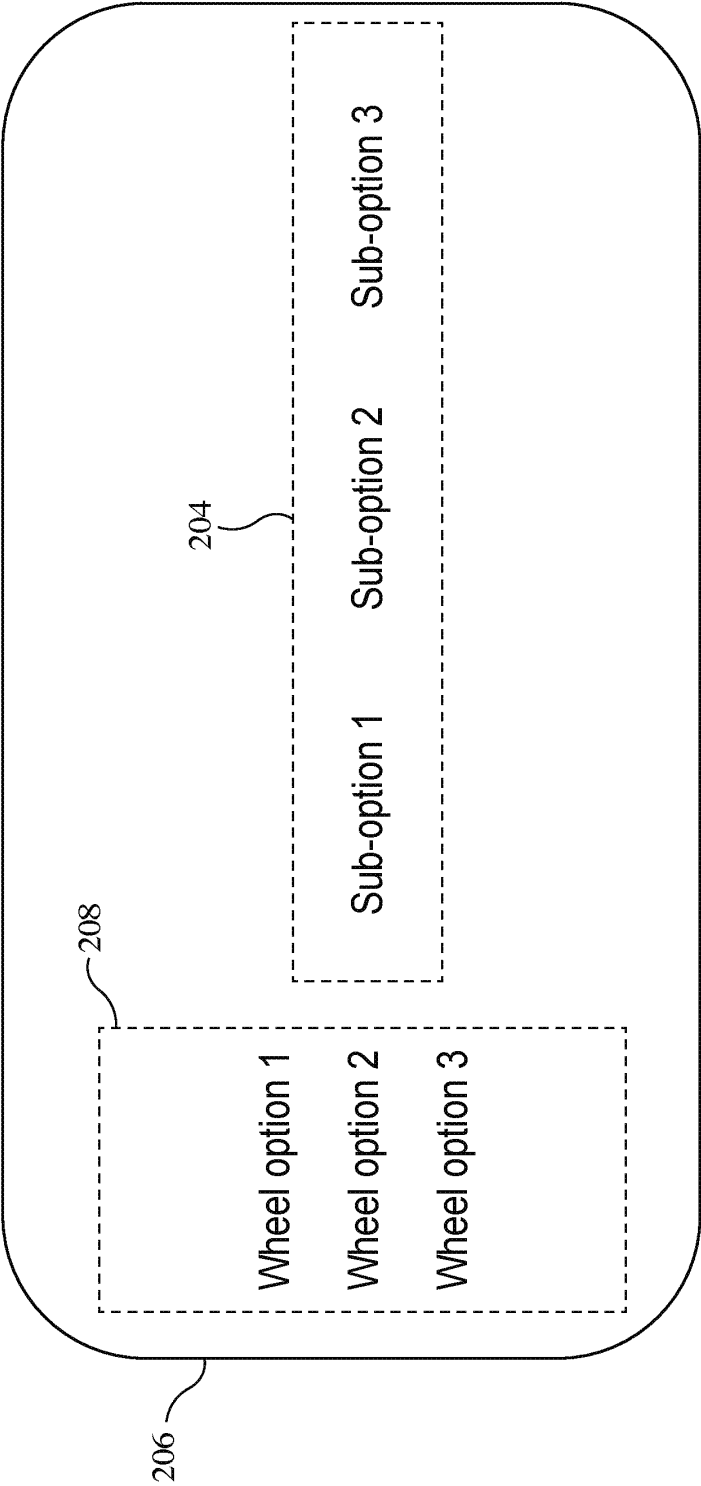


FIG. 2G

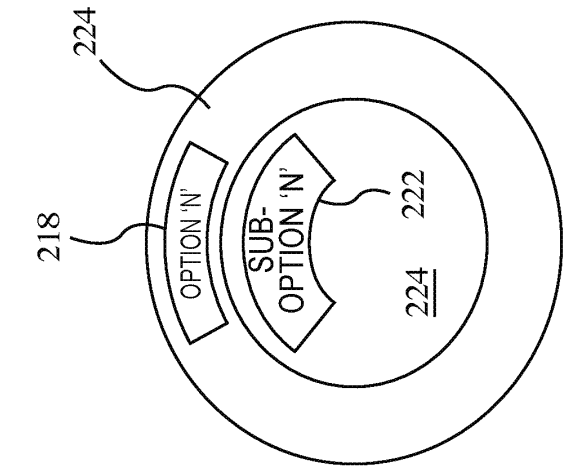


FIG. 2H

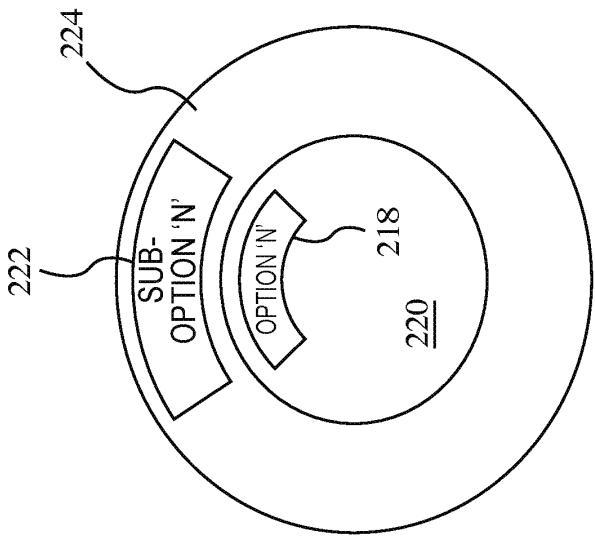


FIG. 2I

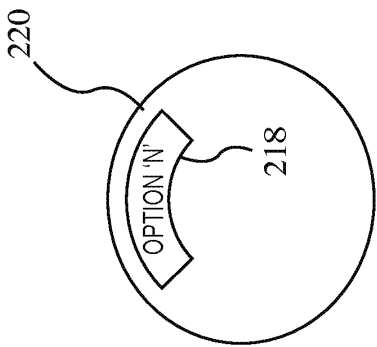


FIG. 2J

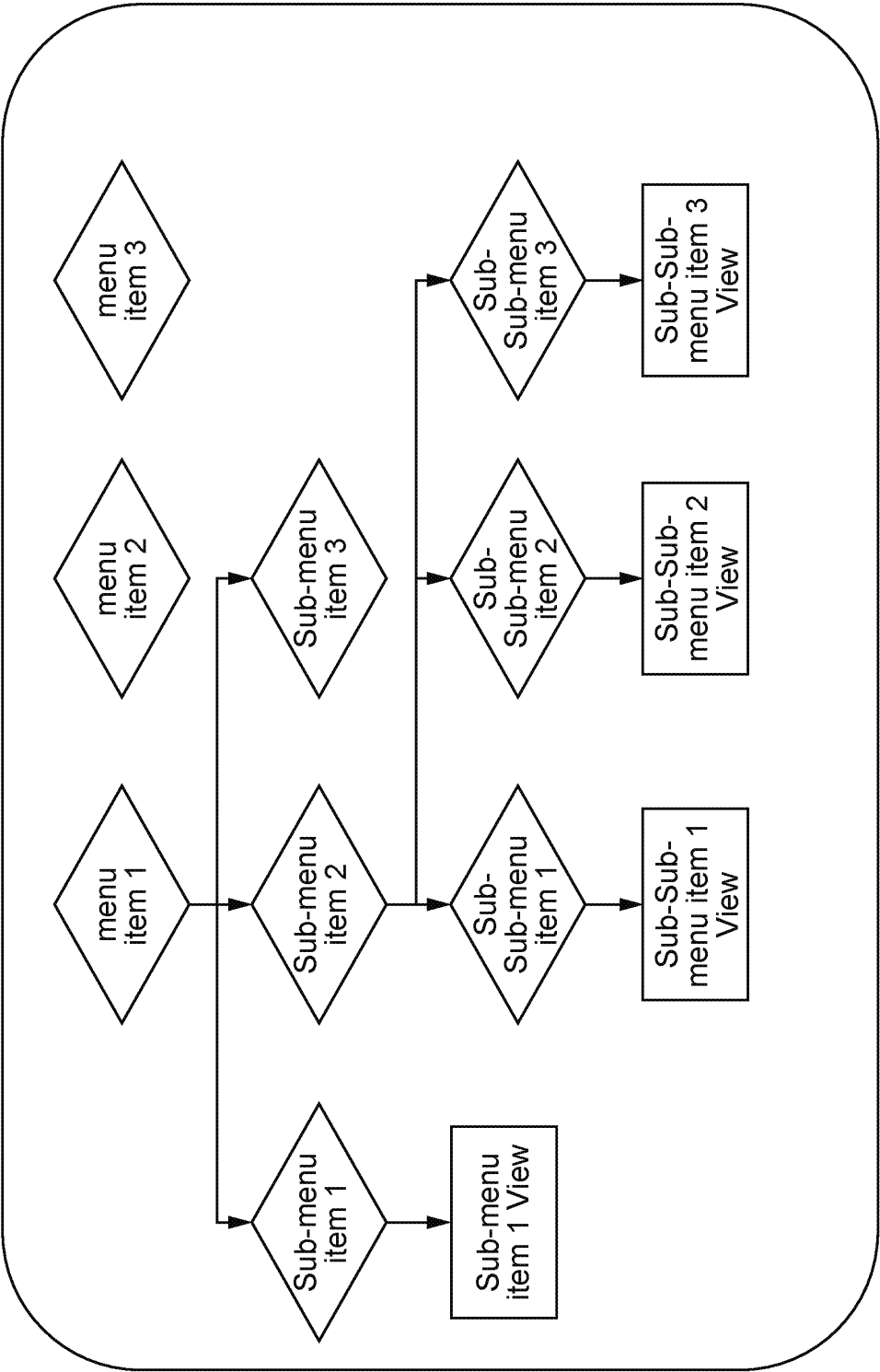


FIG. 2K

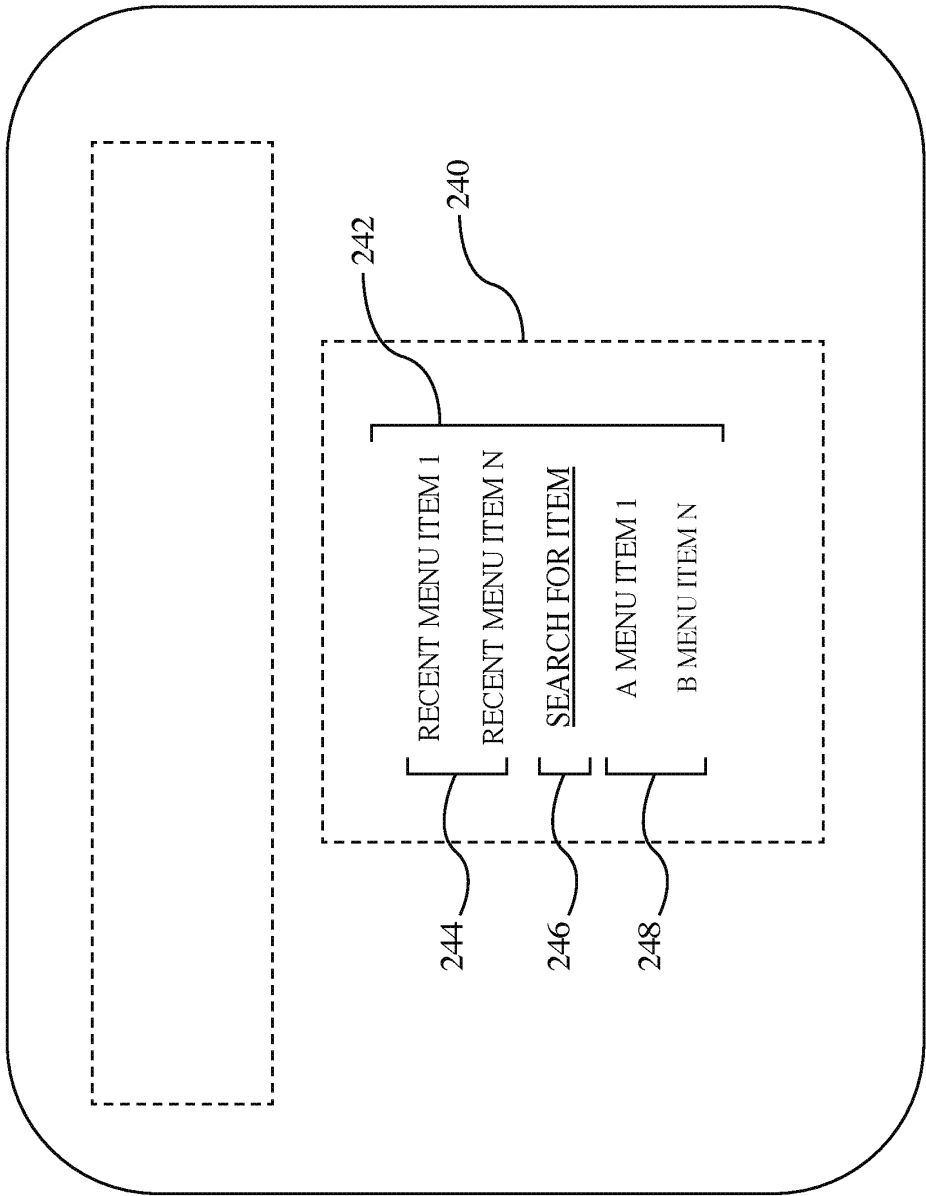


FIG. 2L

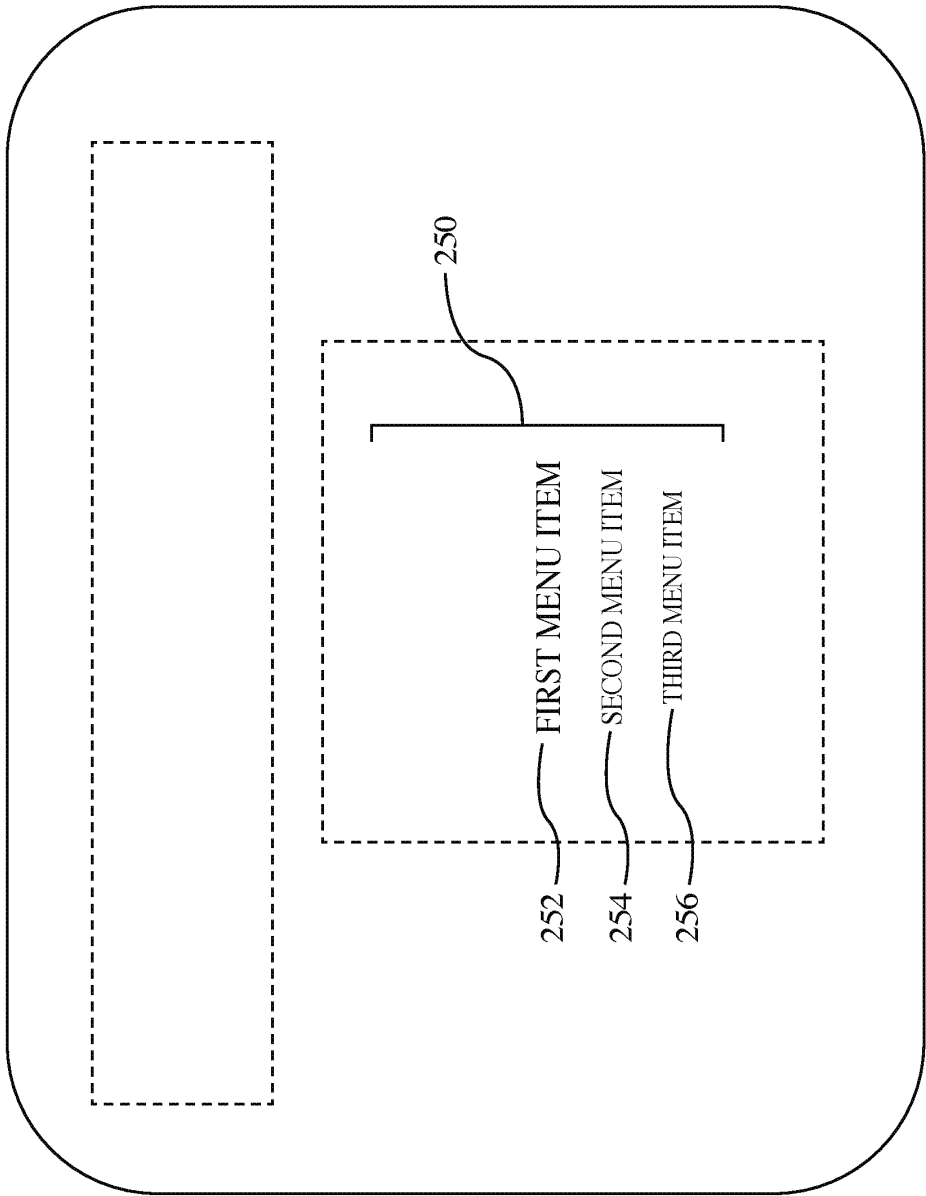


FIG. 2M

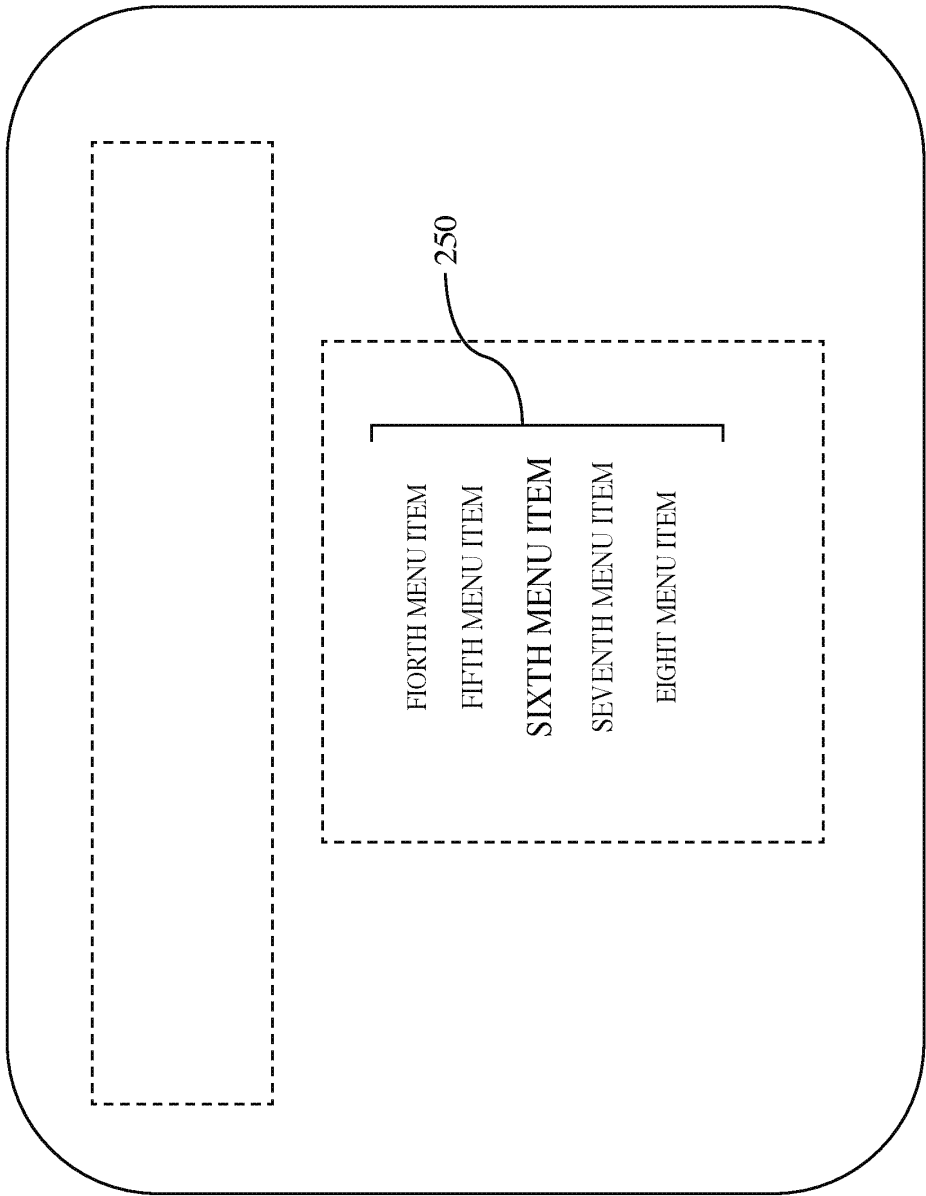


FIG. 2N

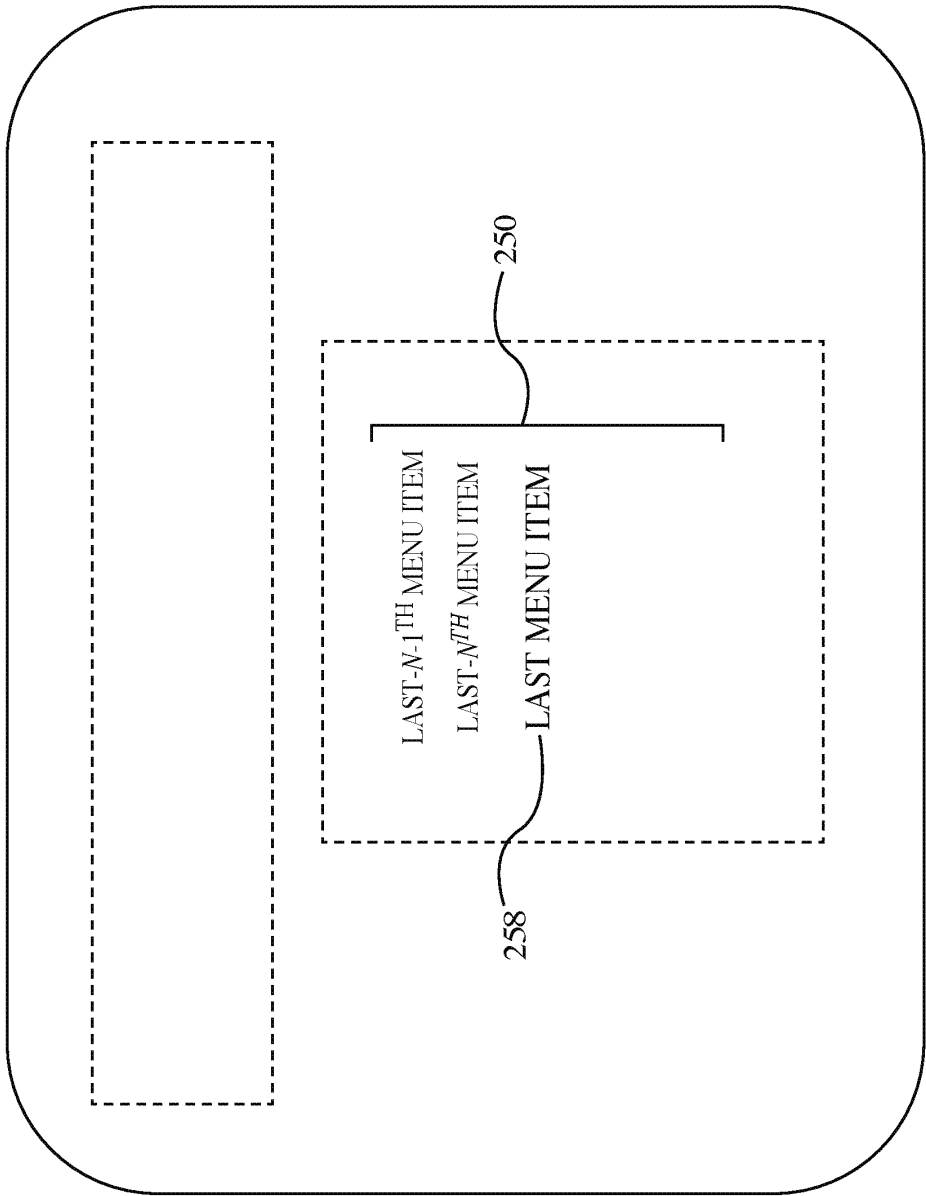


FIG. 20

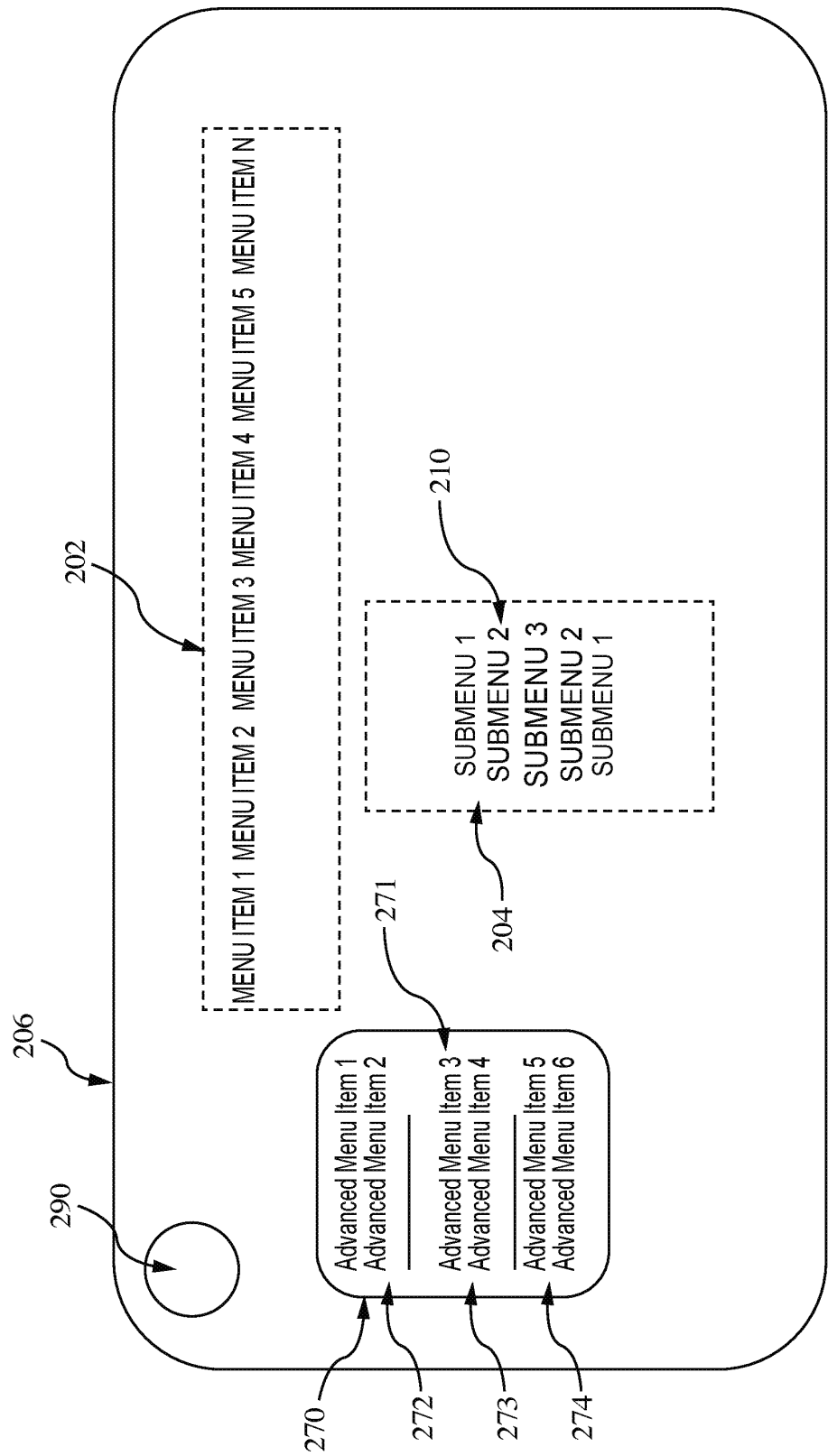


FIG. 2P

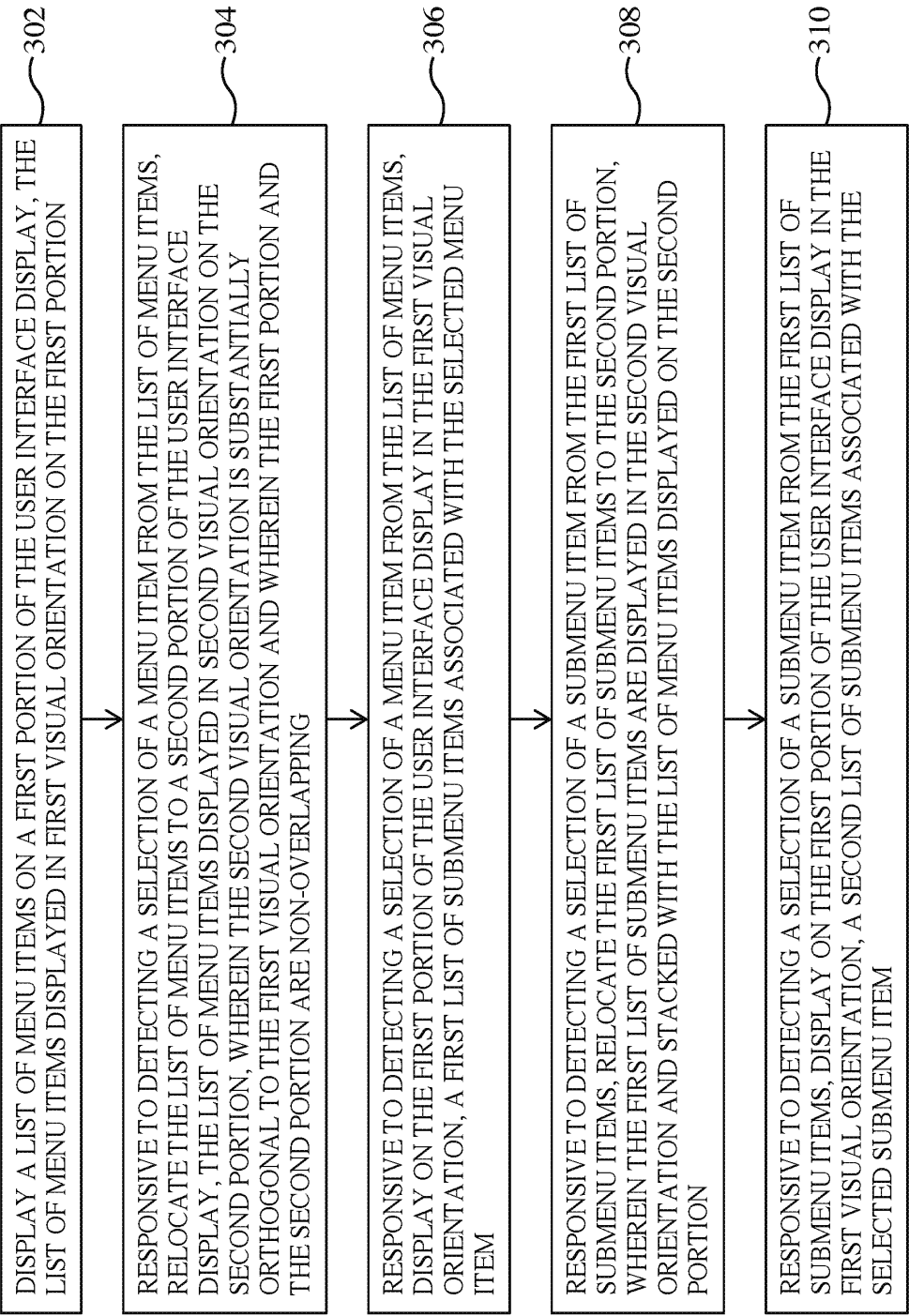


FIG. 3

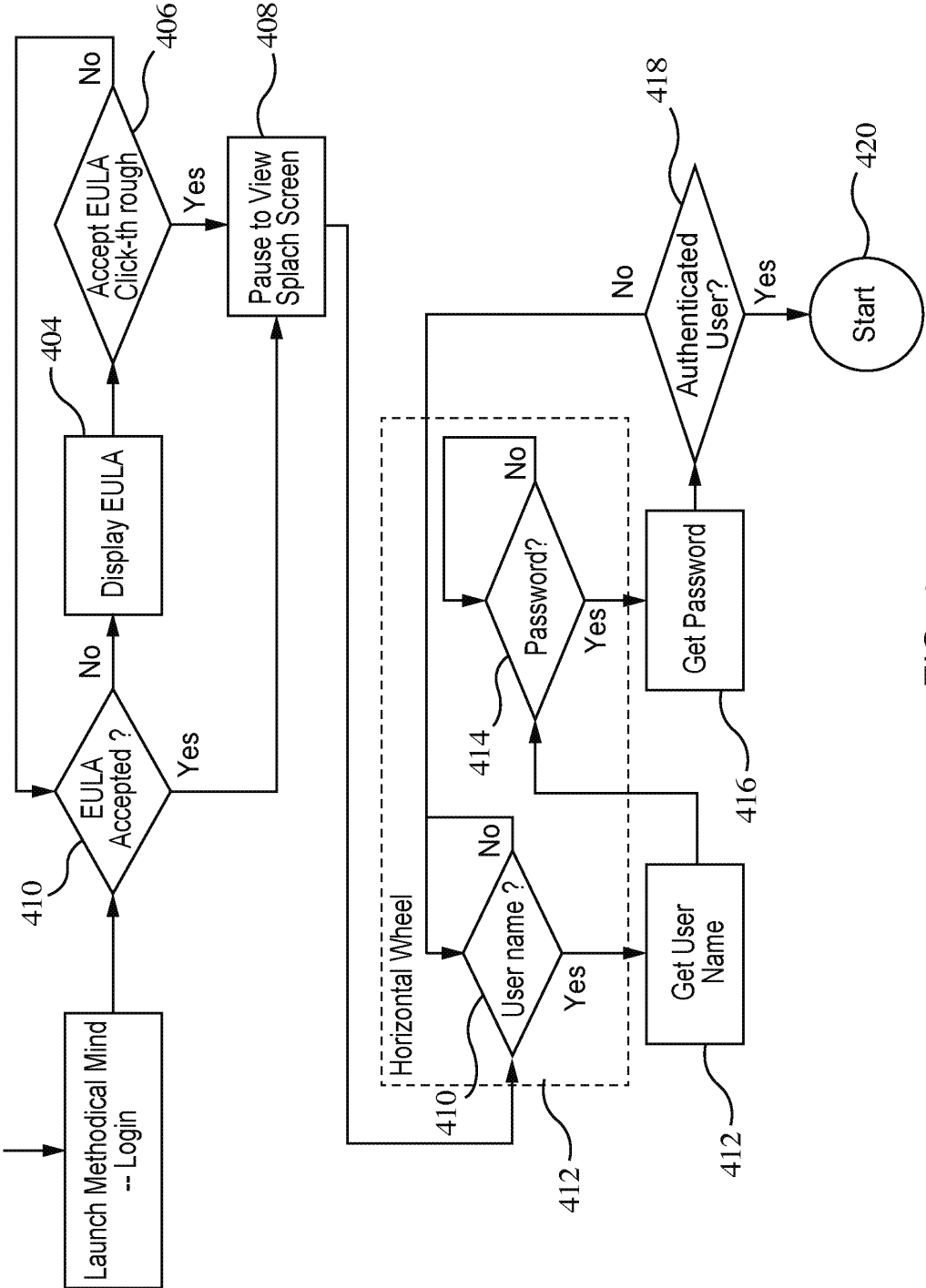
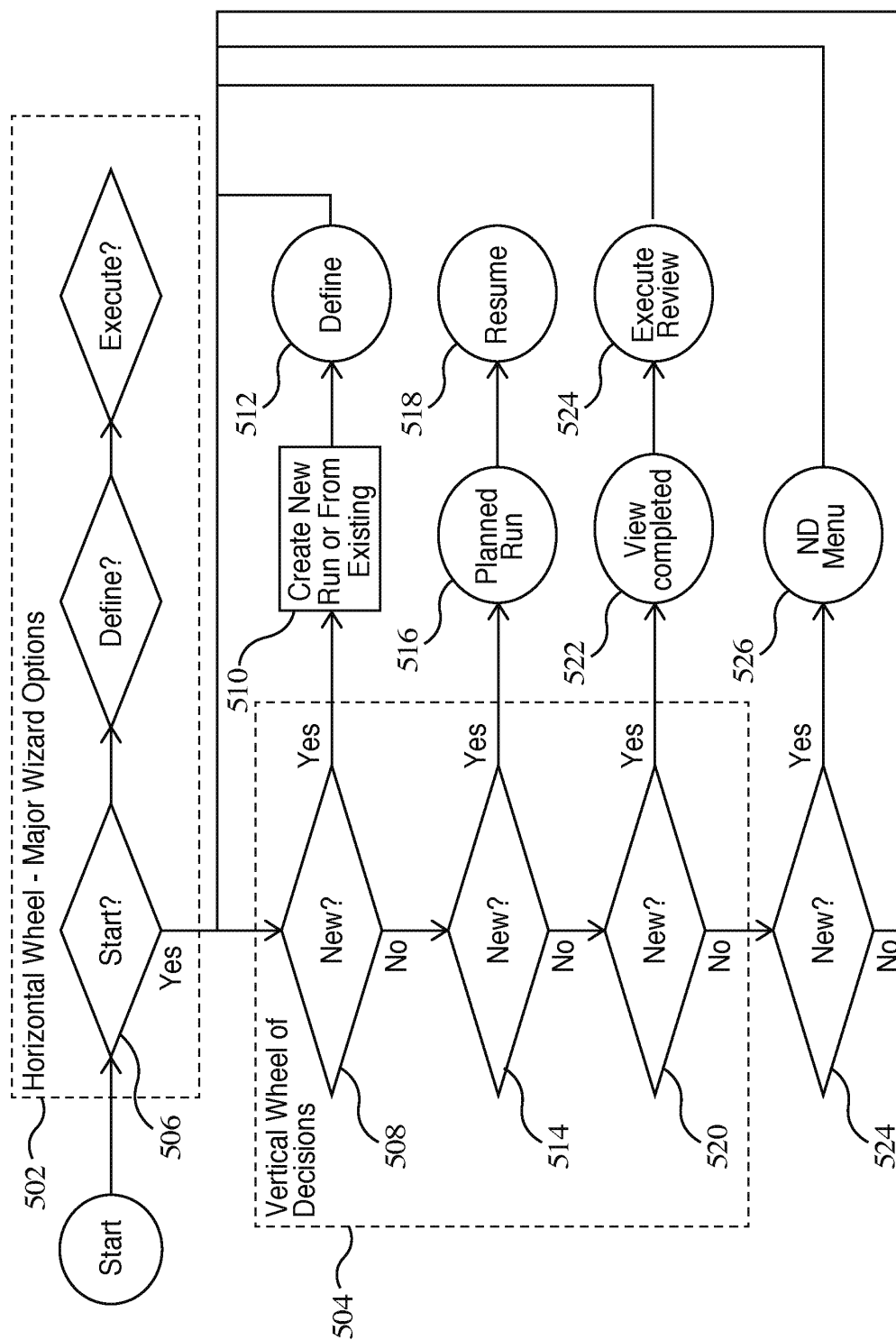


FIG. 4



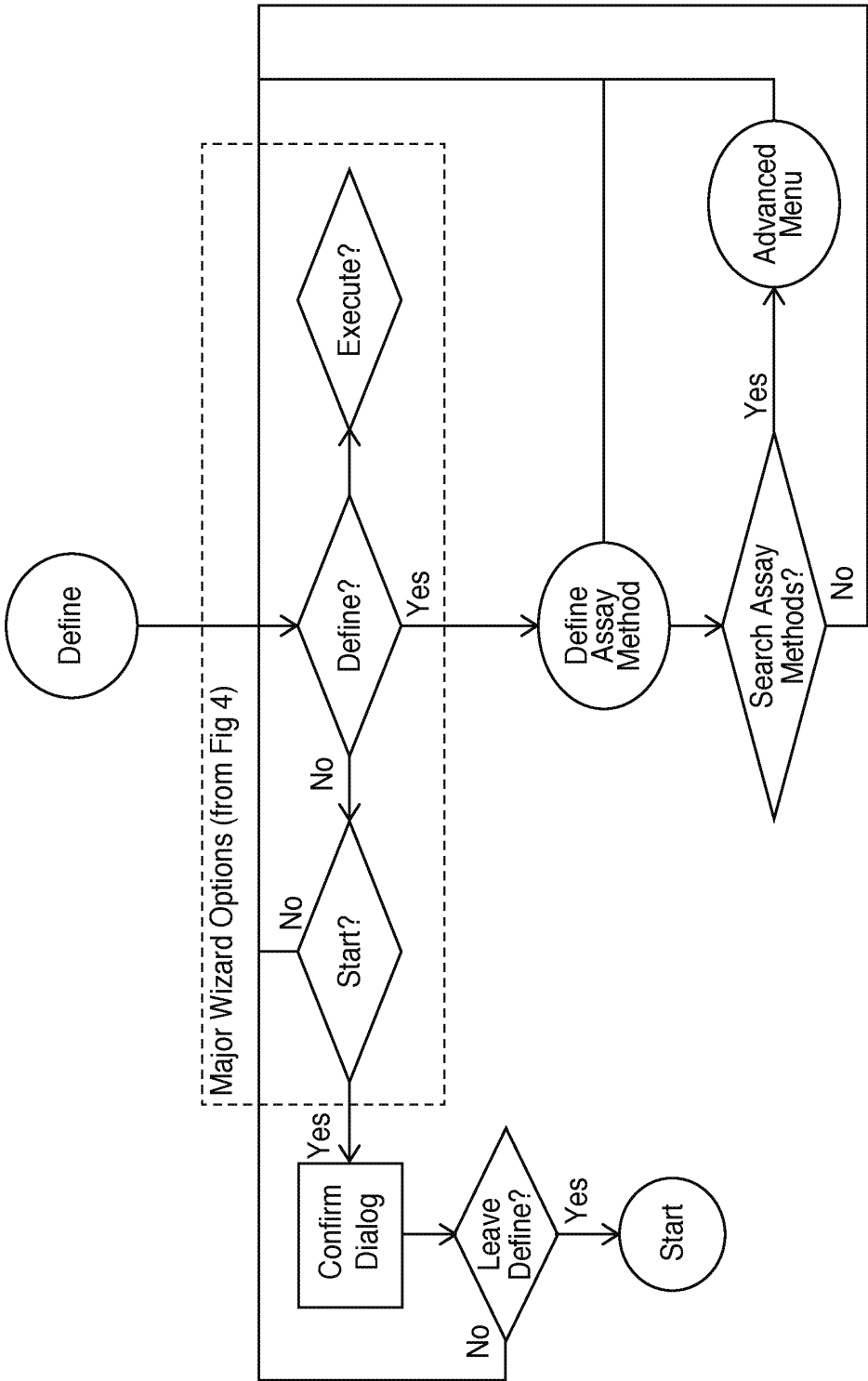


FIG. 6

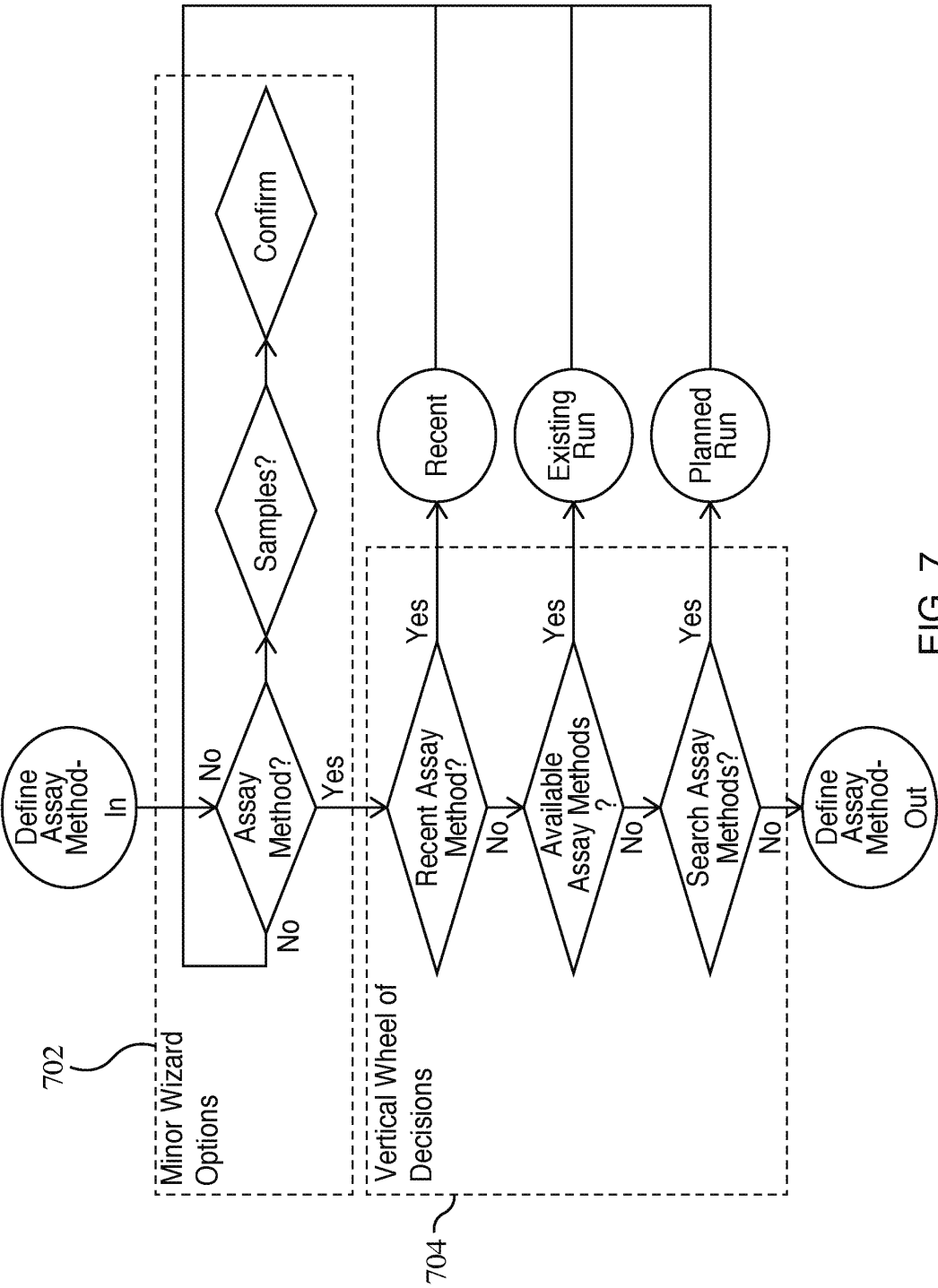


FIG. 7

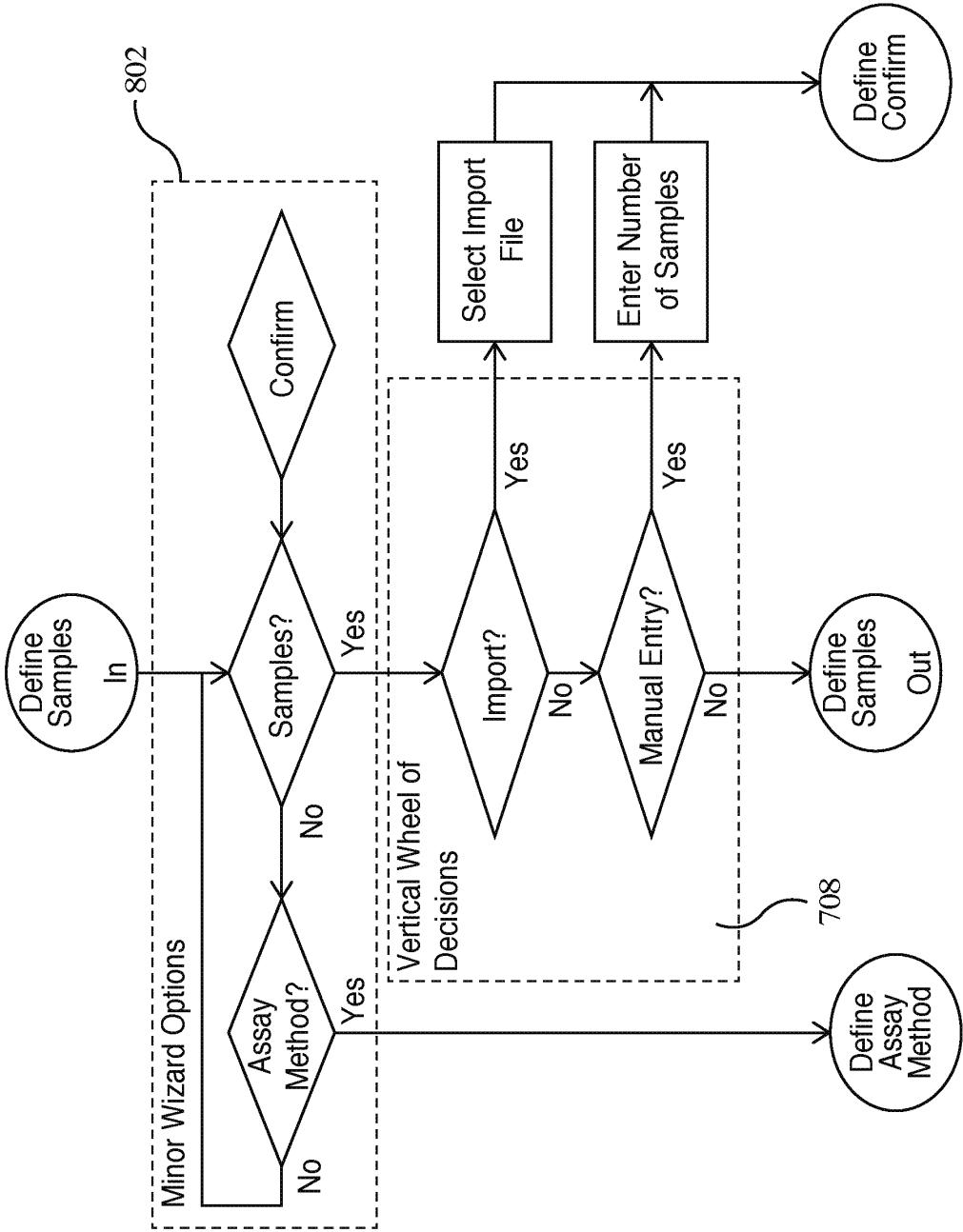


FIG. 8

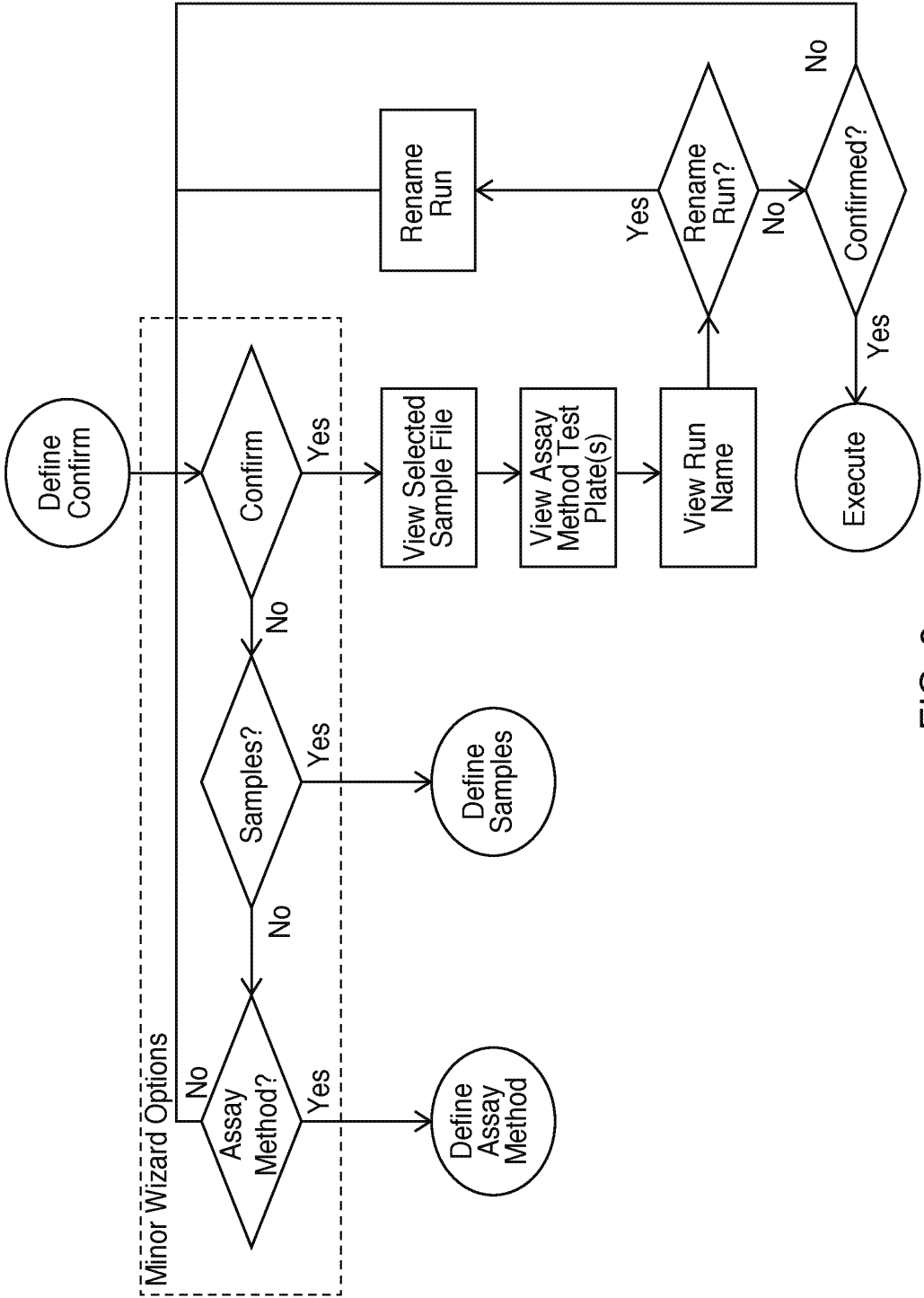


FIG. 9

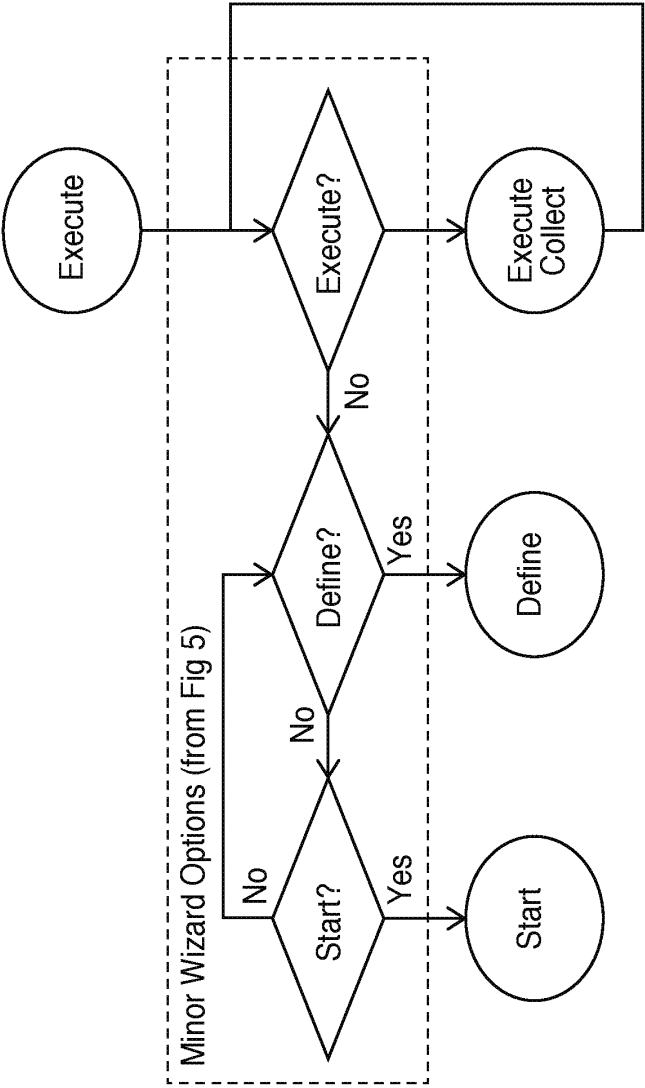


FIG. 10

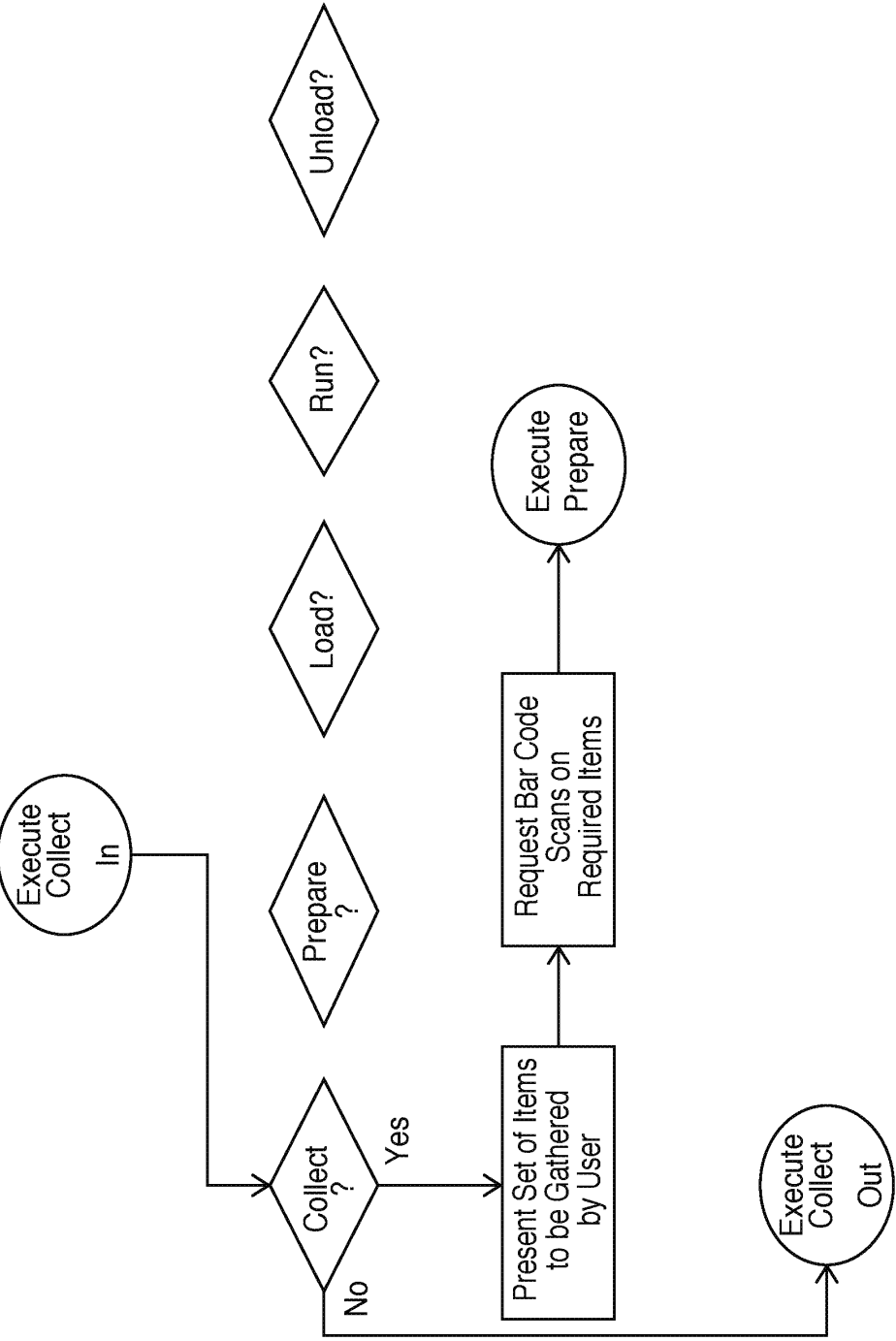


FIG. 11

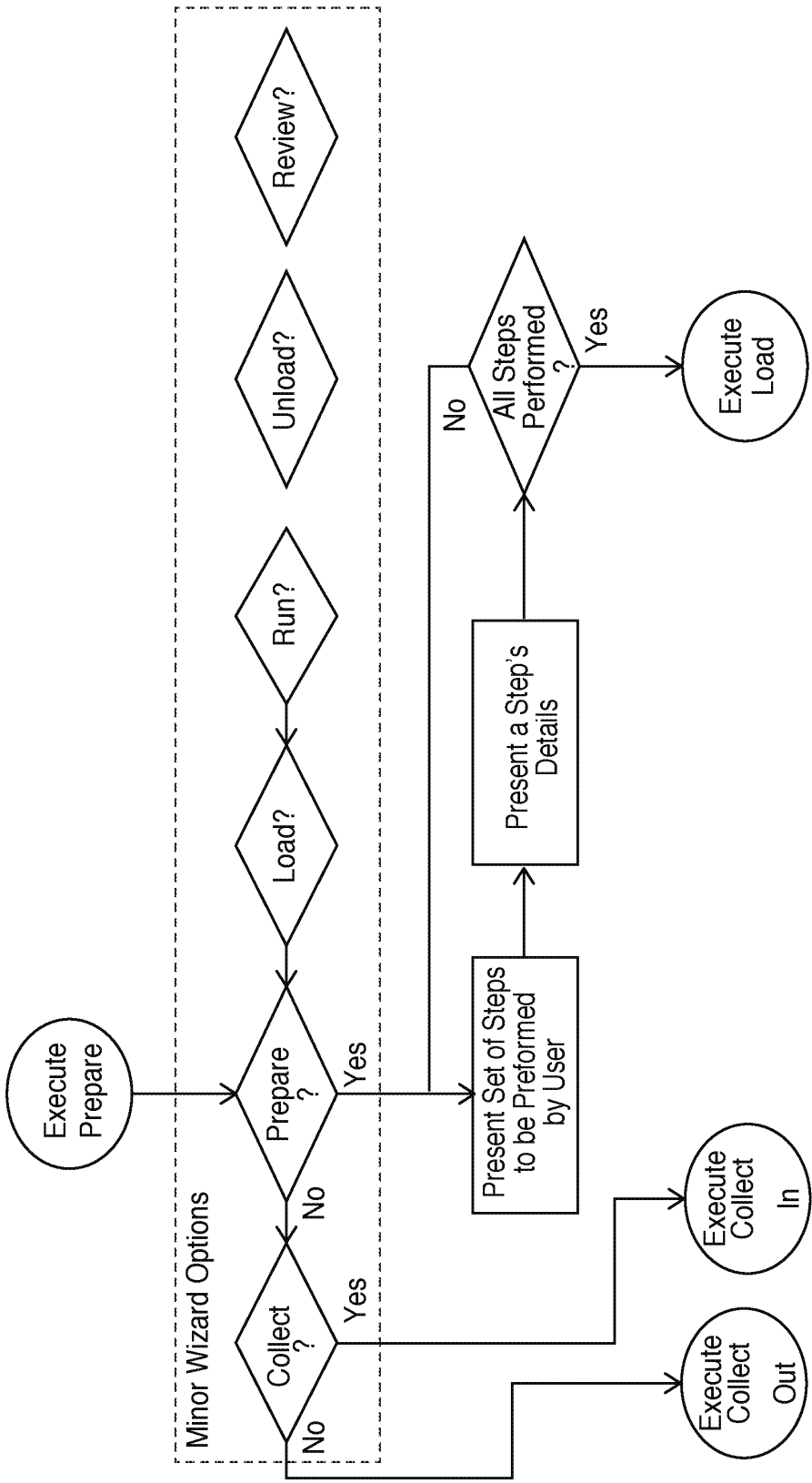


FIG. 12

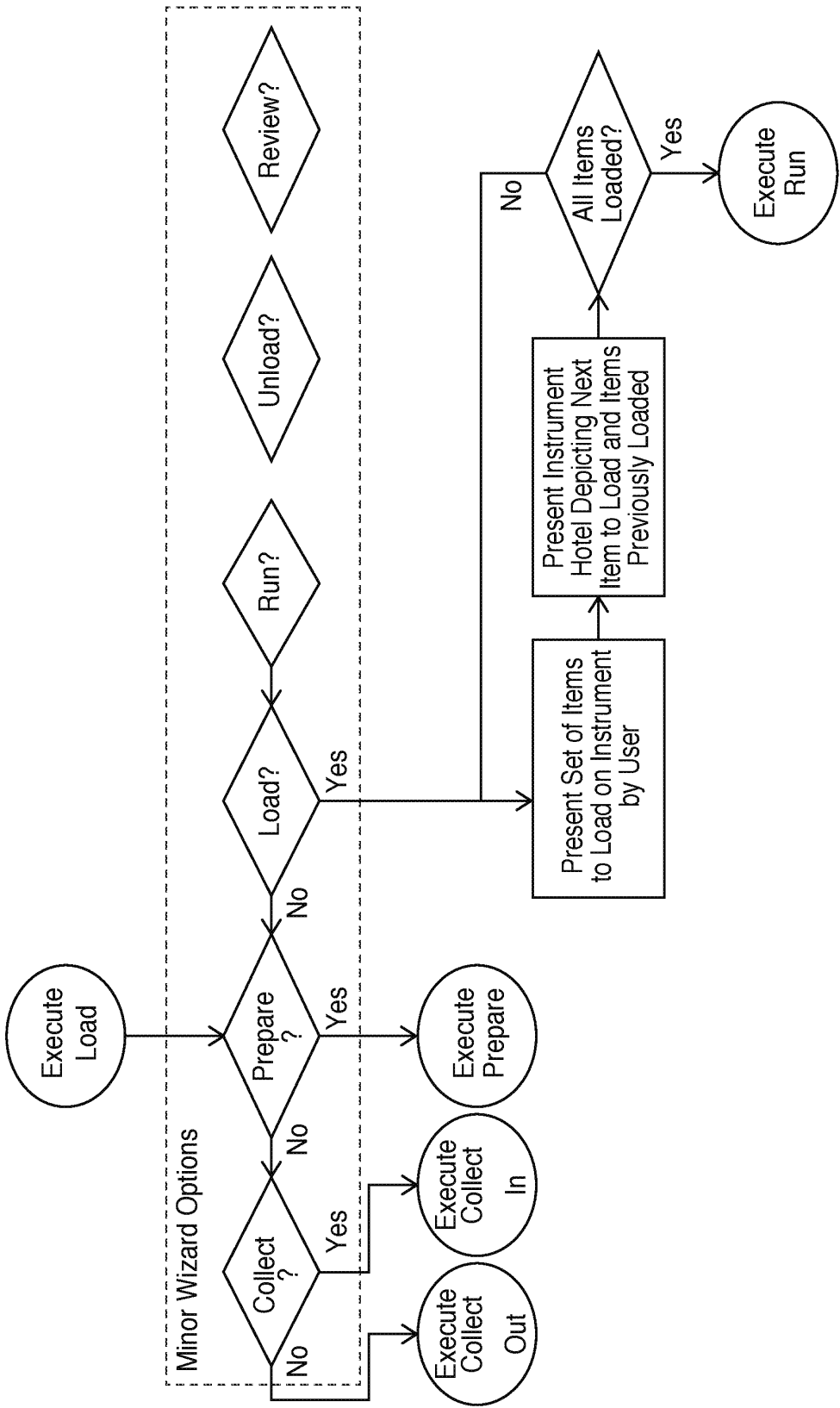


FIG. 13

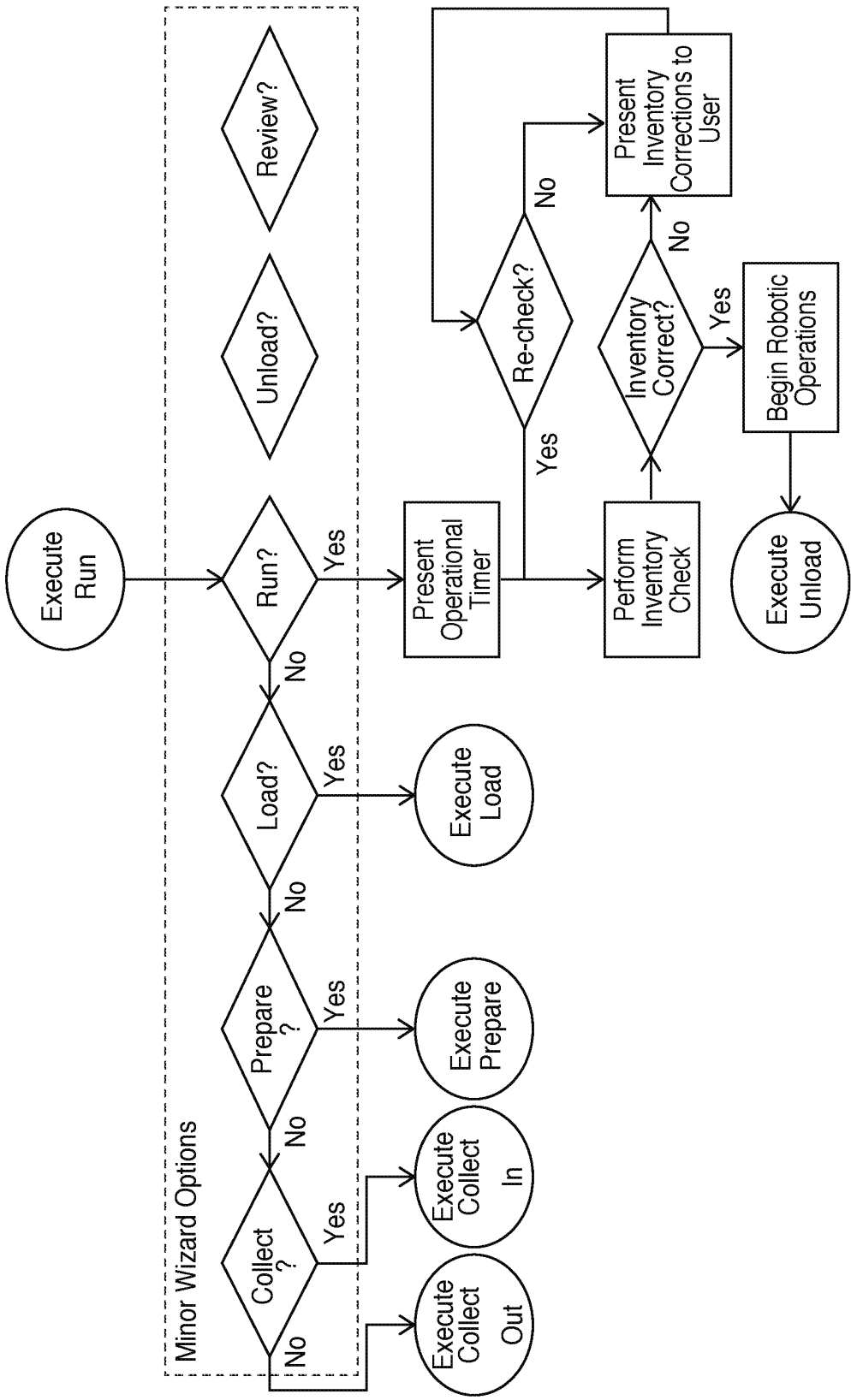


FIG. 14

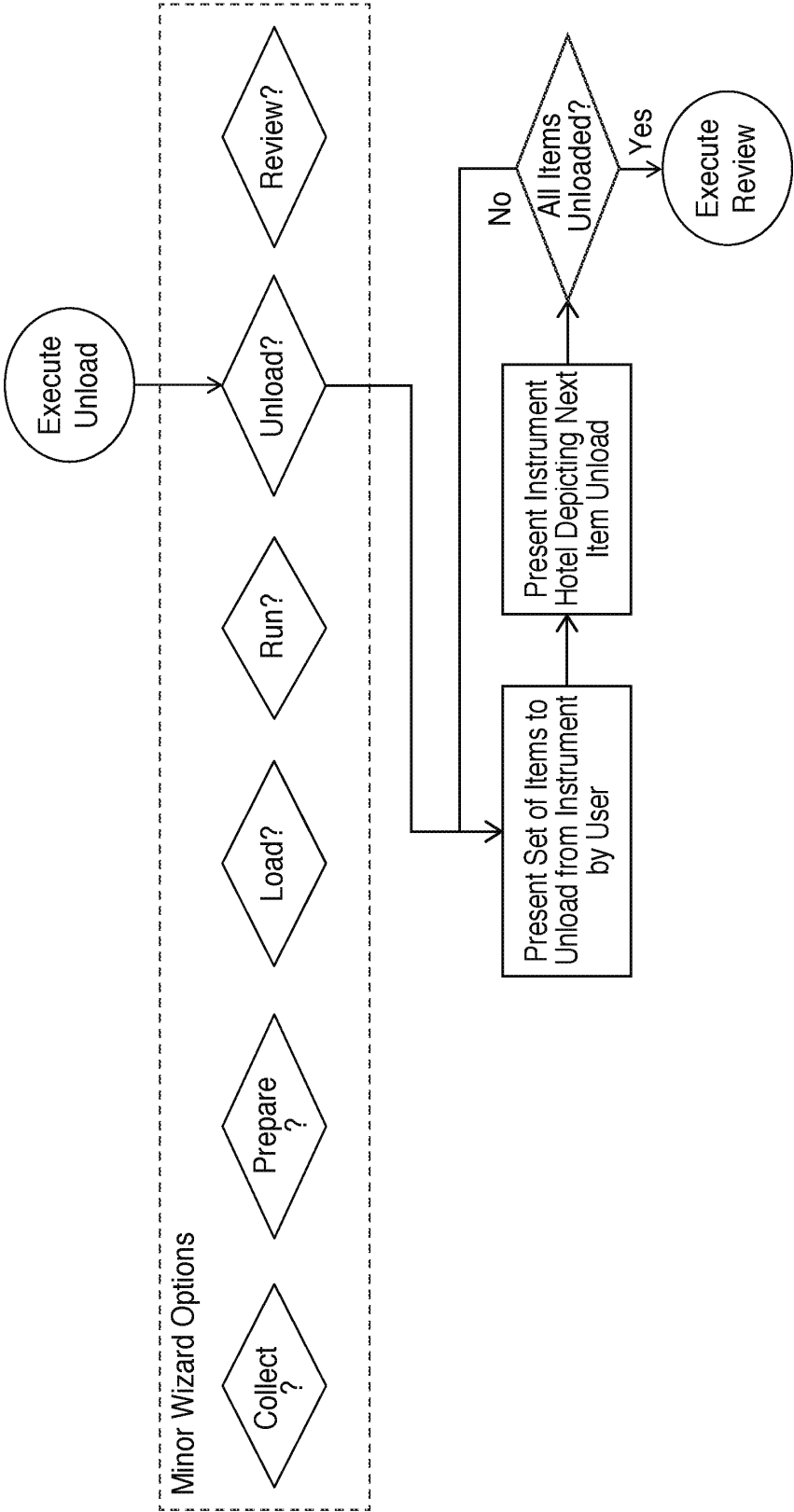


FIG. 15

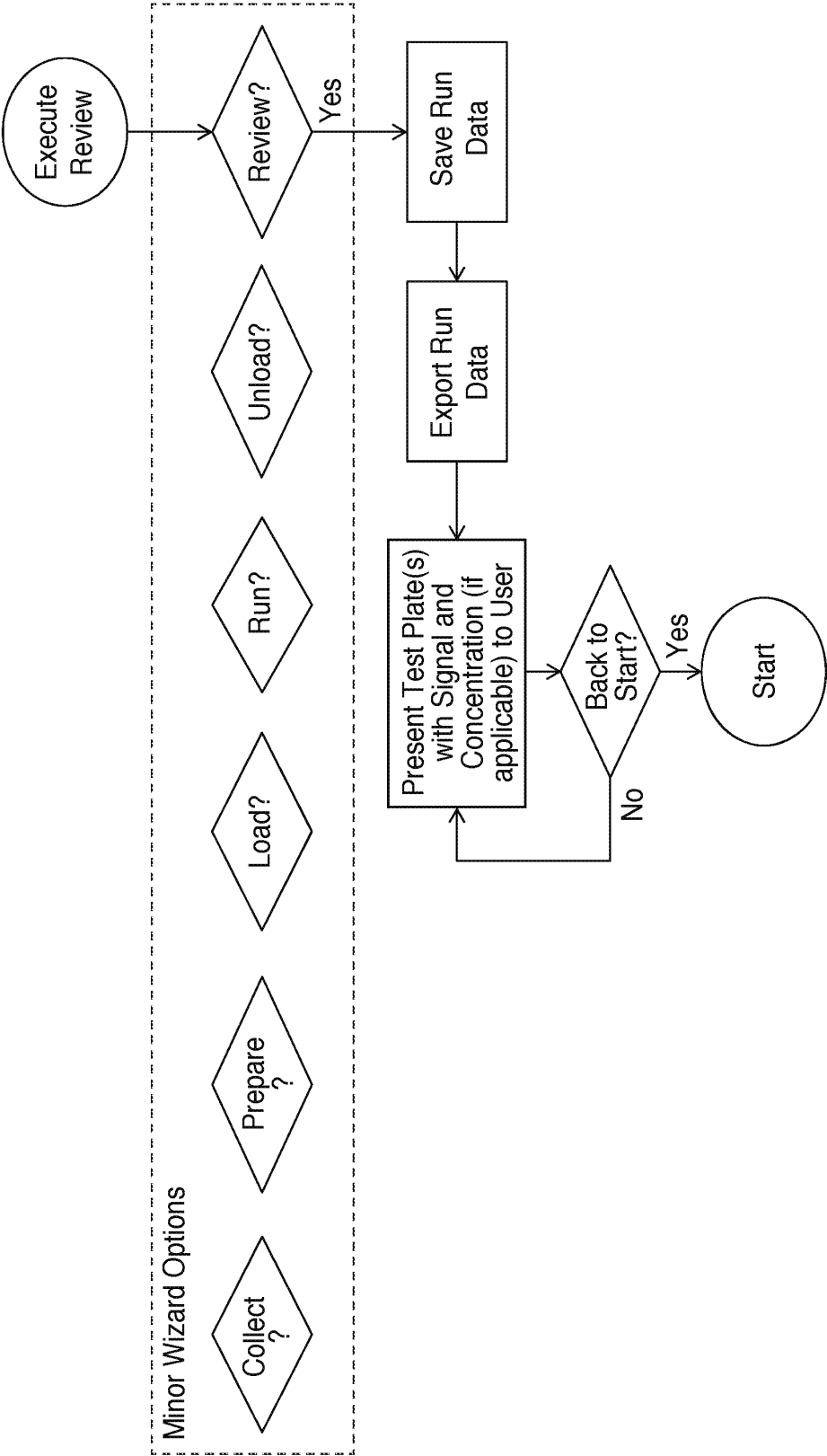


FIG. 16

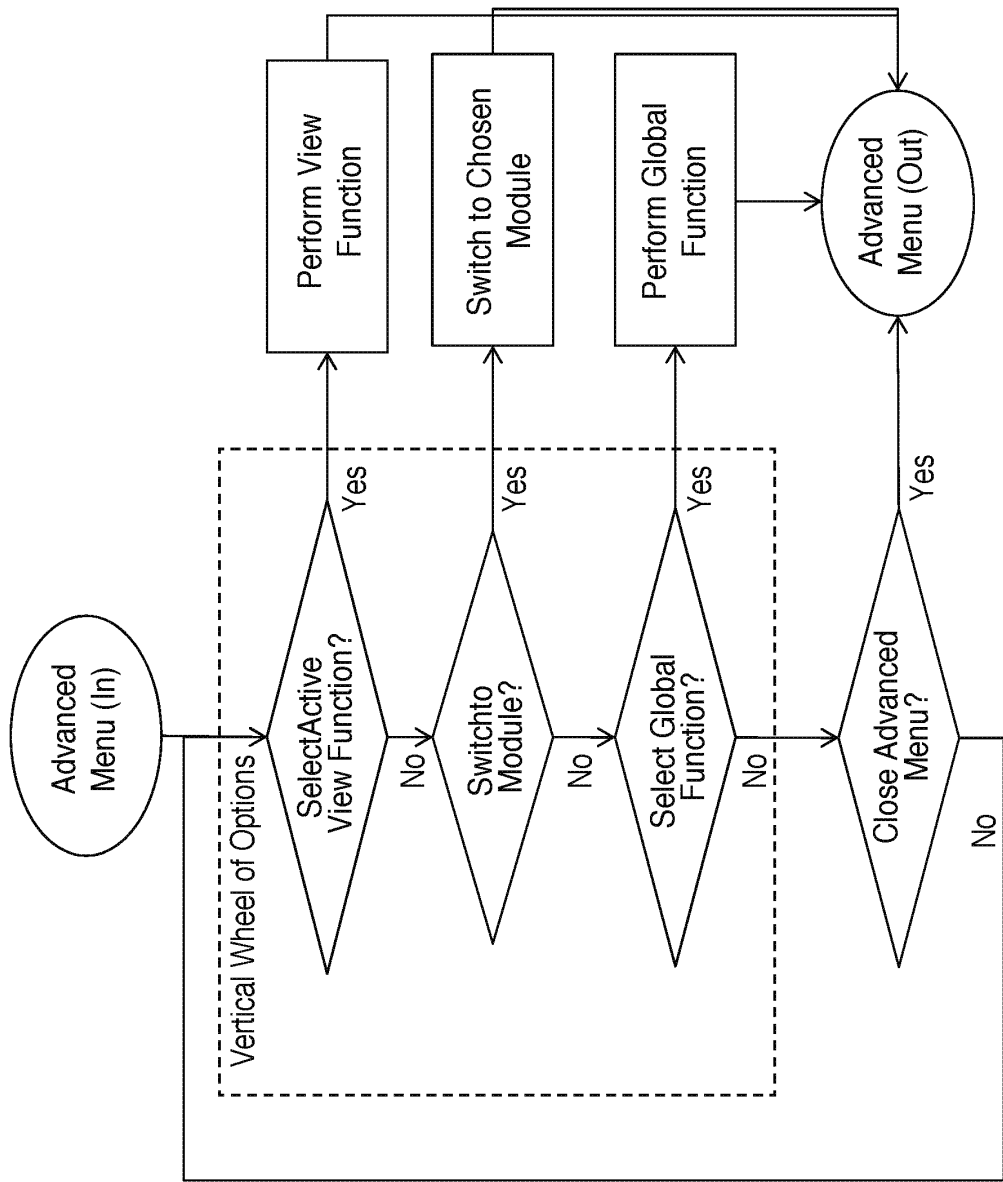


FIG. 17

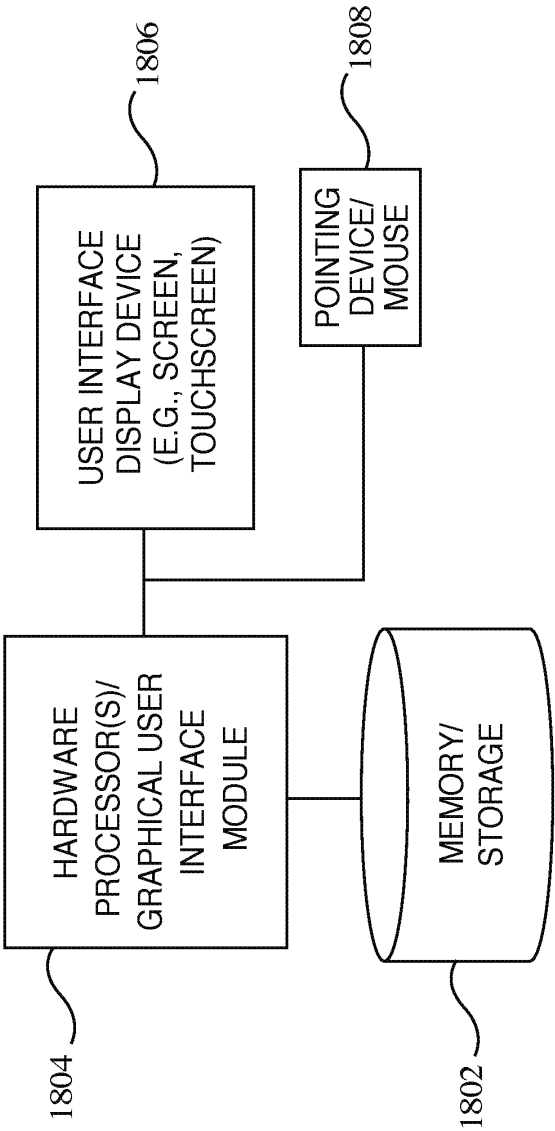


FIG. 18

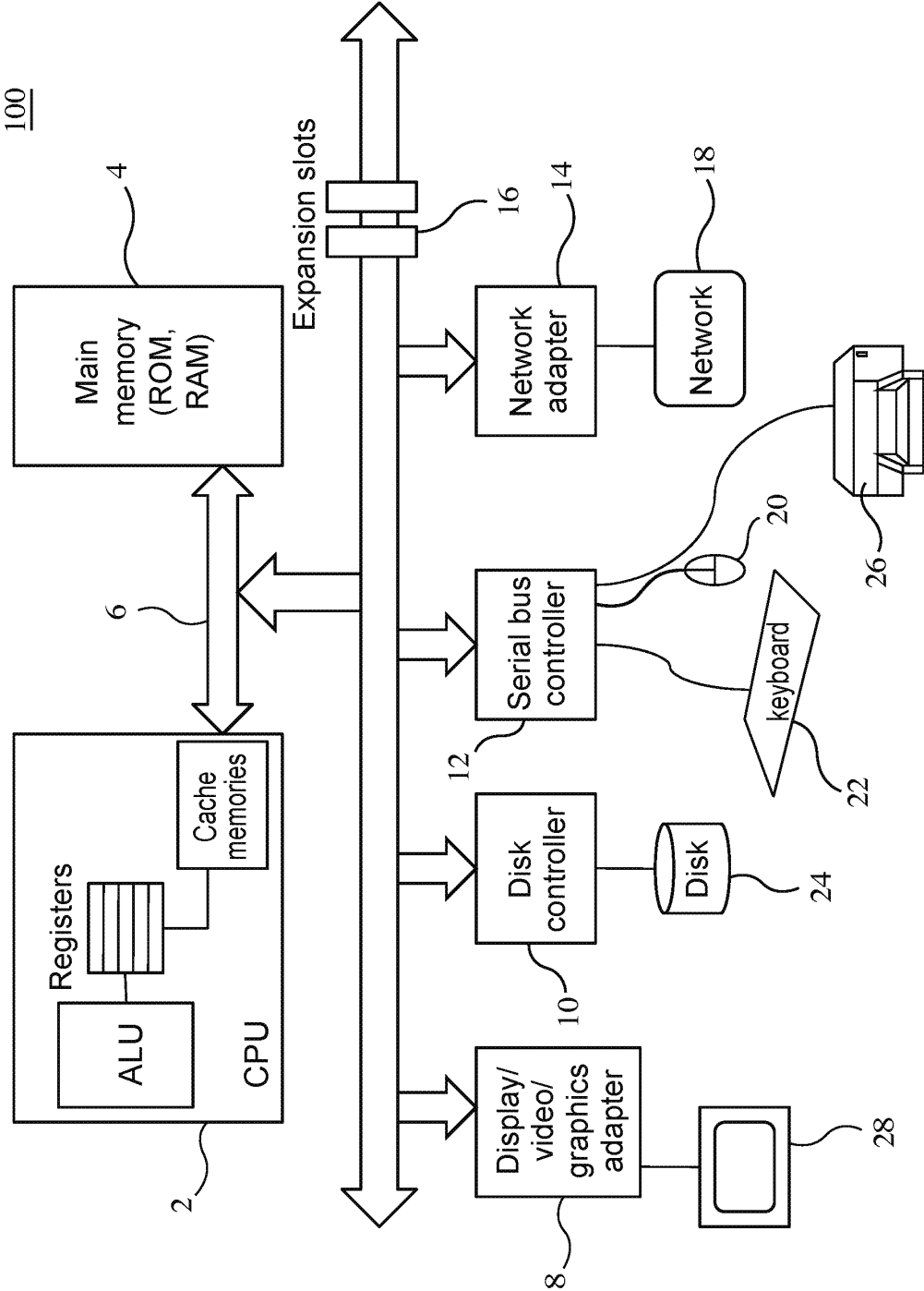


FIG. 19

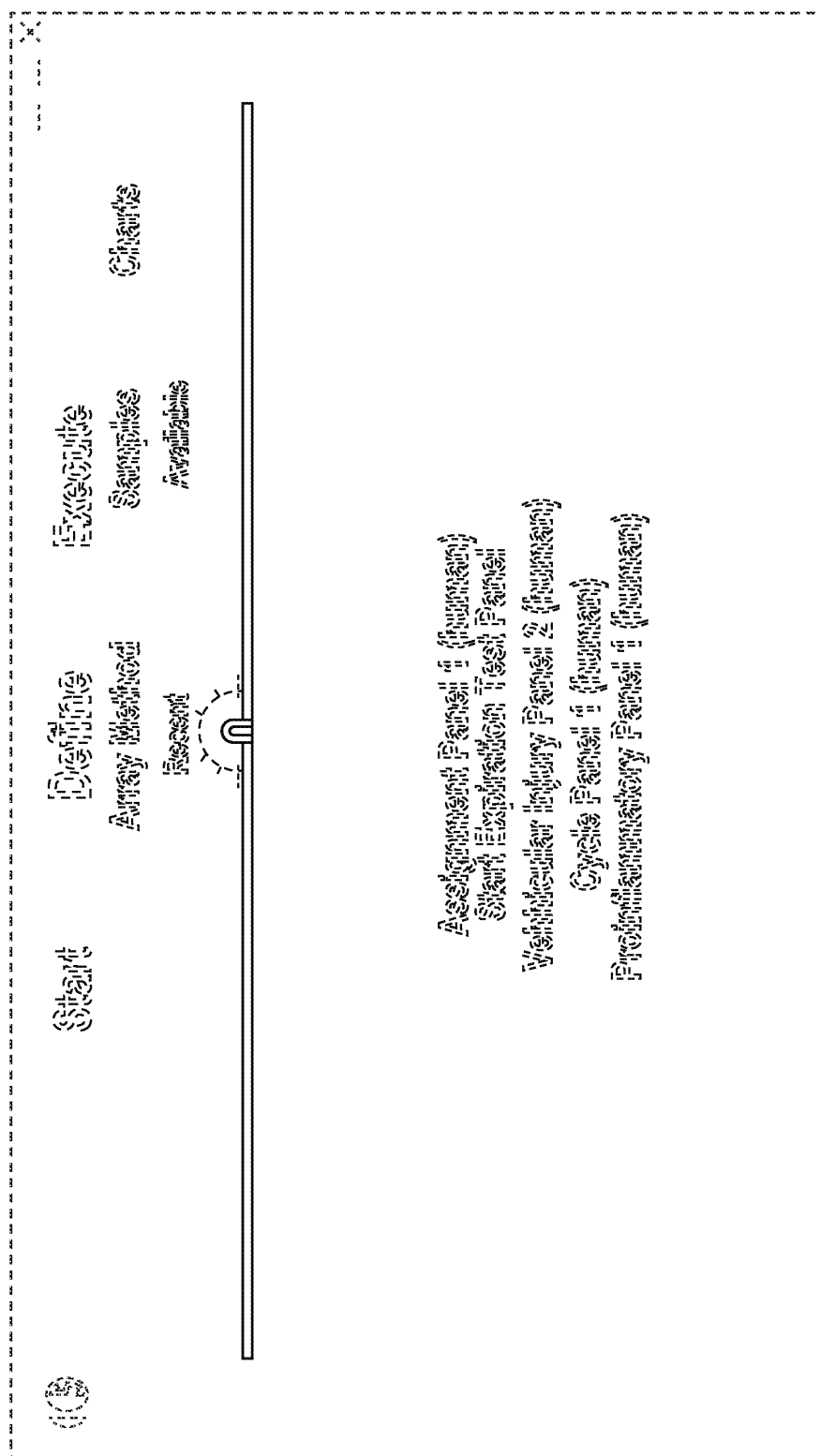
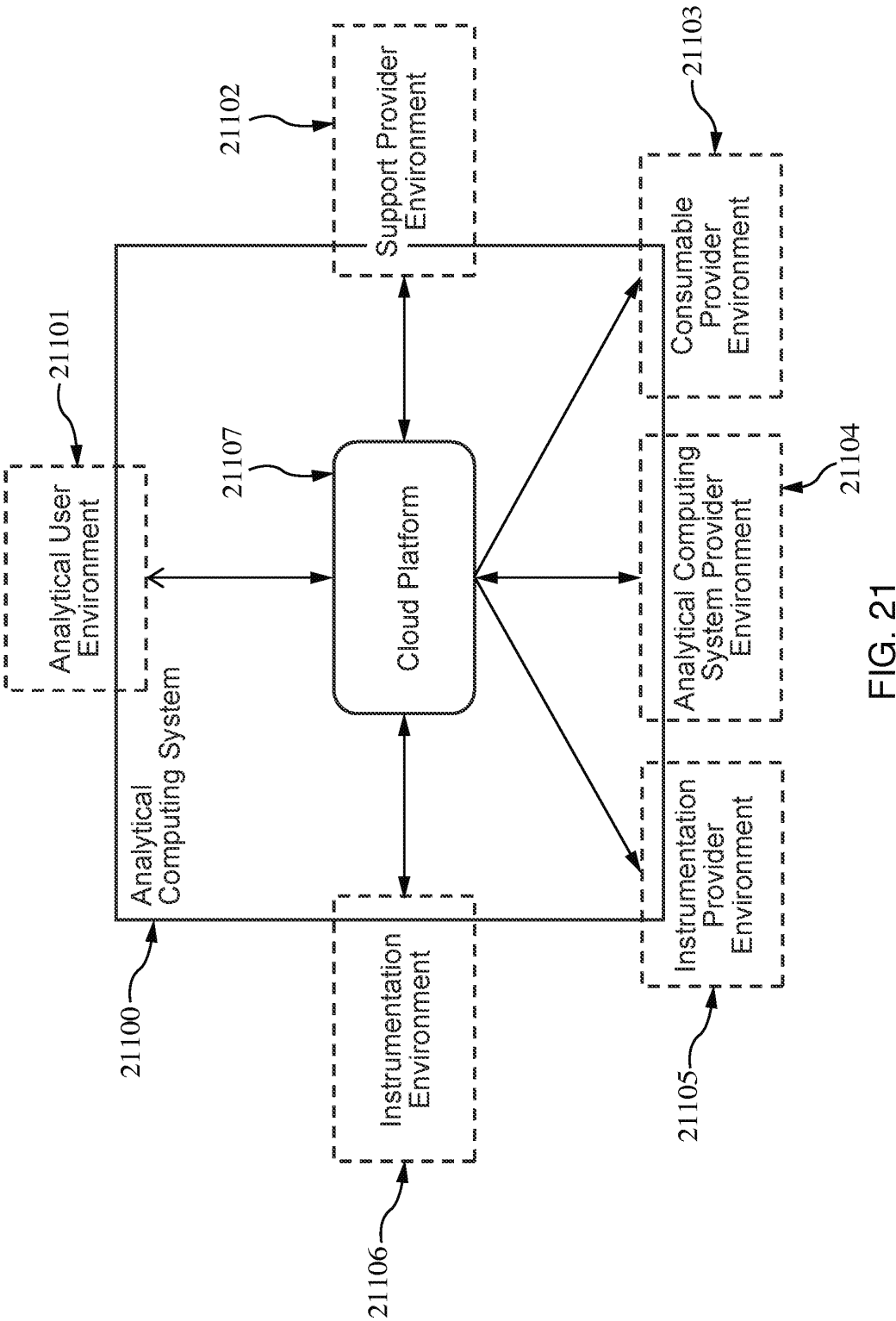


FIG. 20



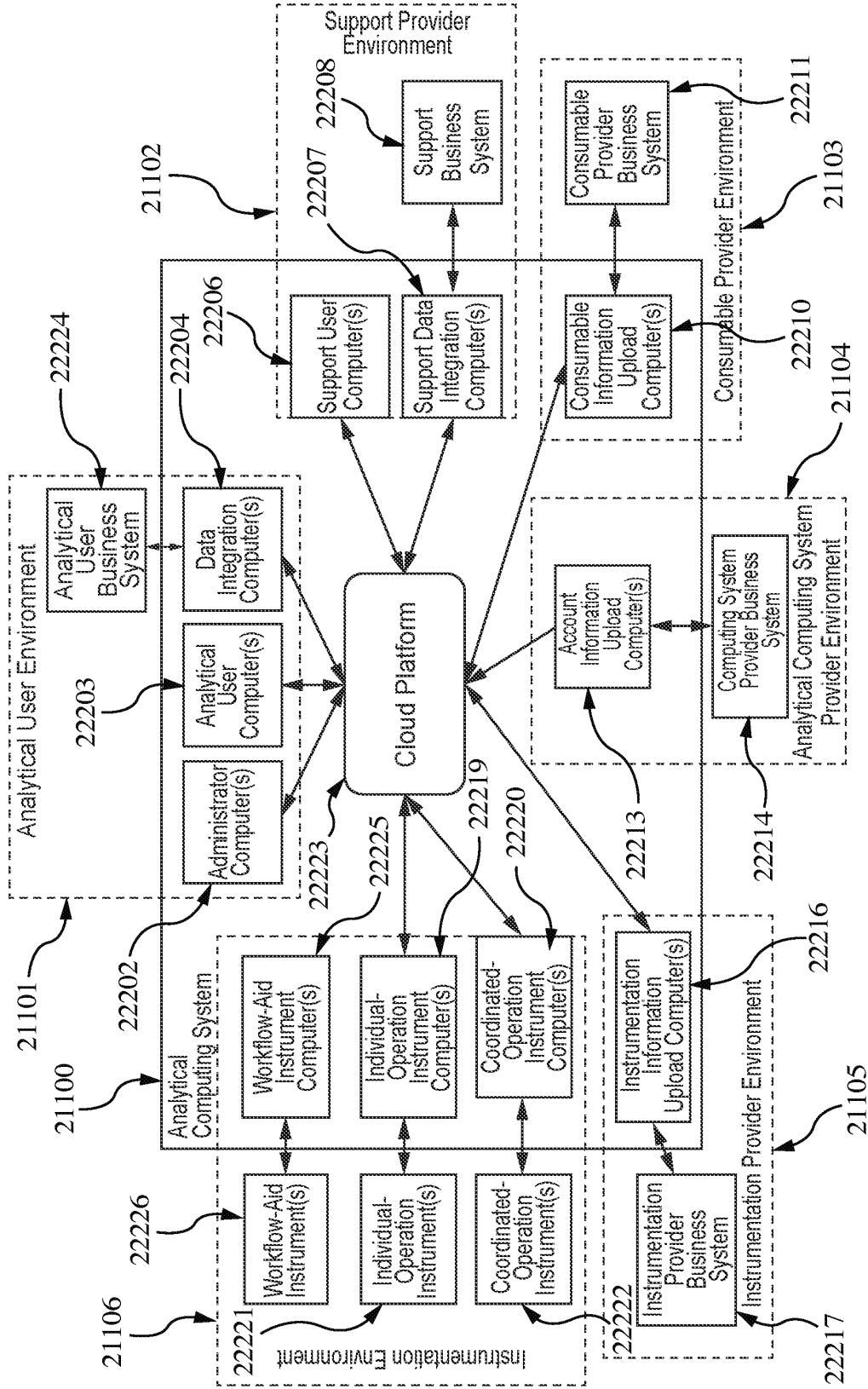


FIG. 22

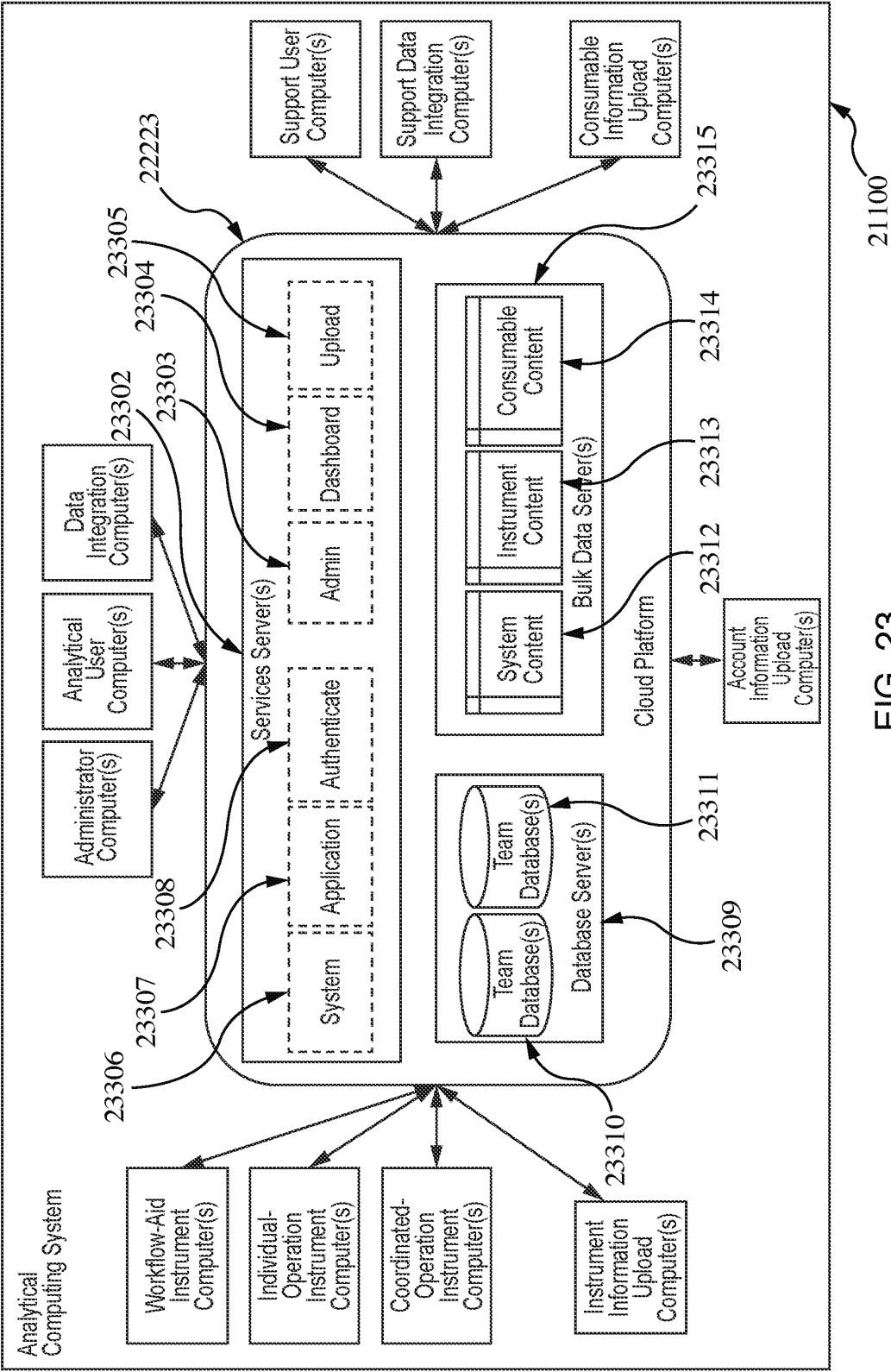


FIG. 23

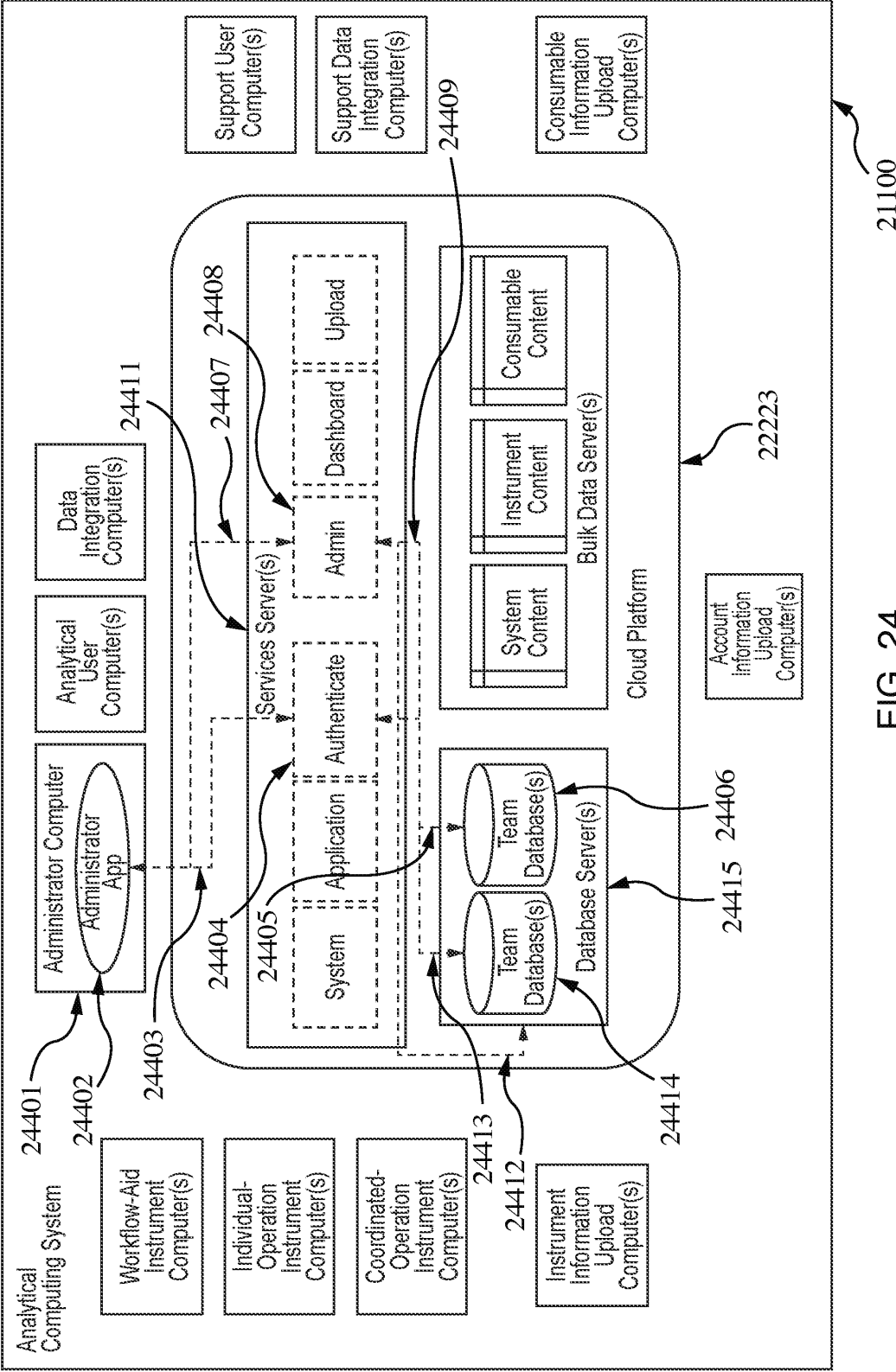


FIG. 24

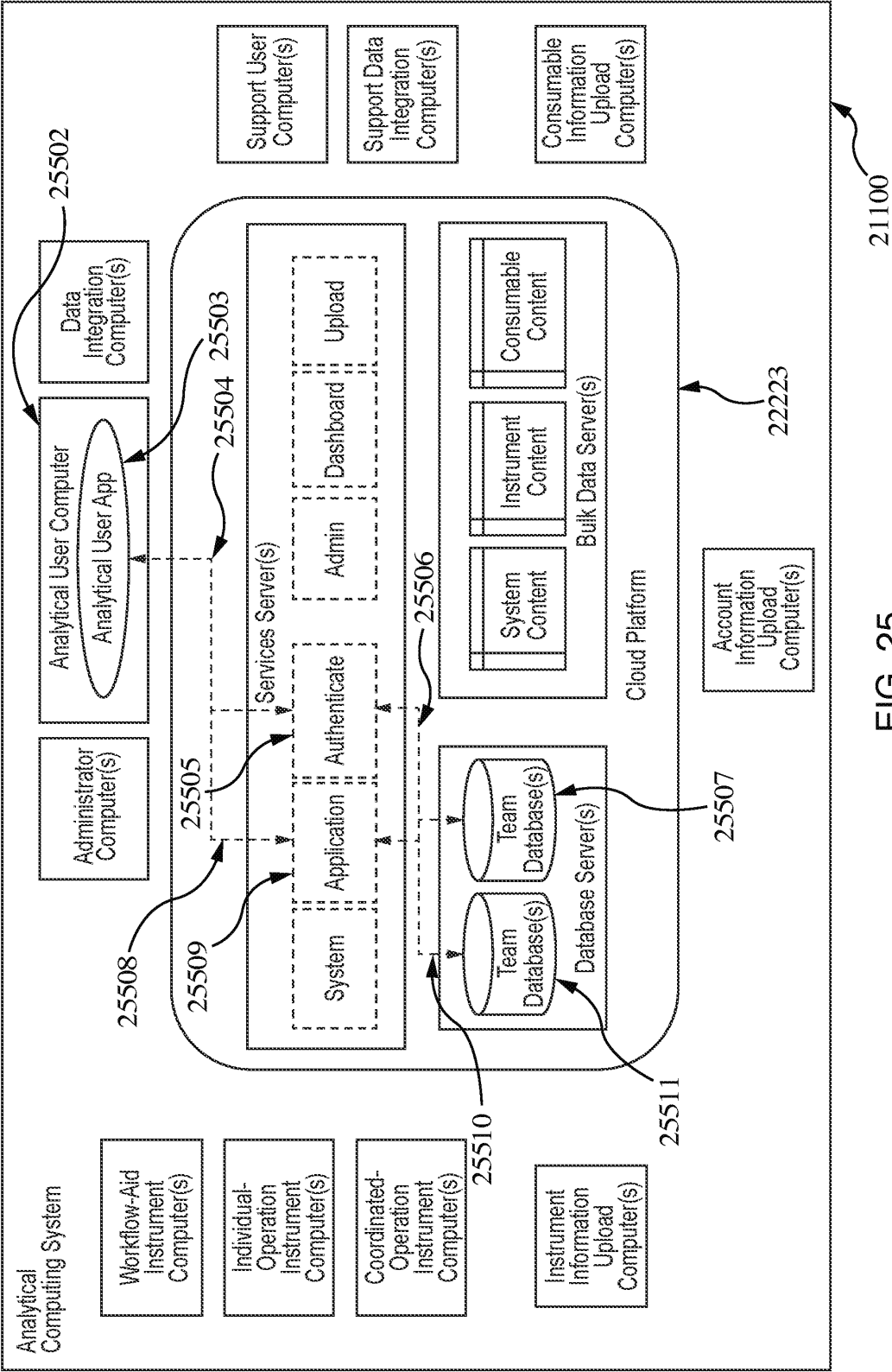
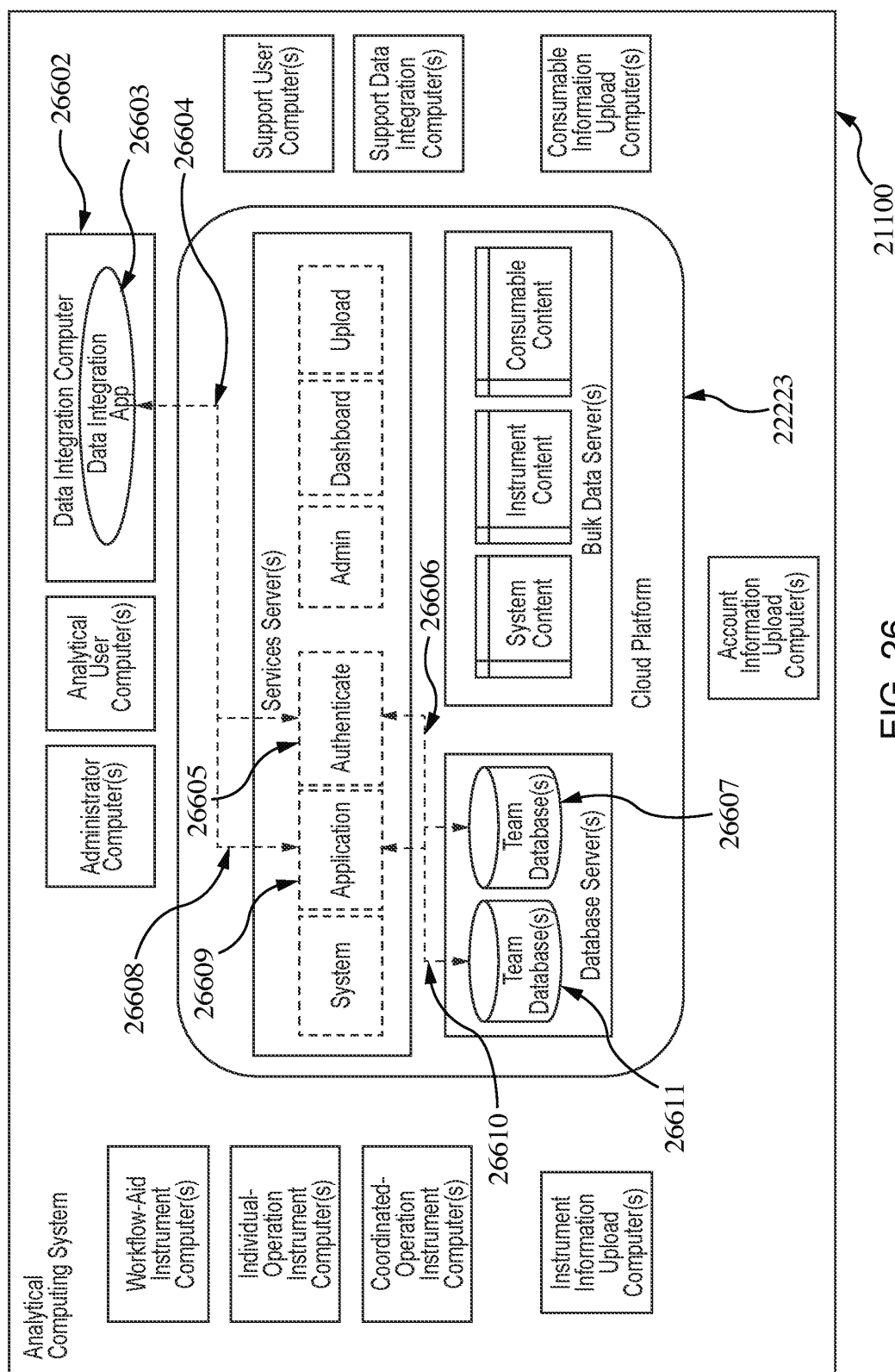
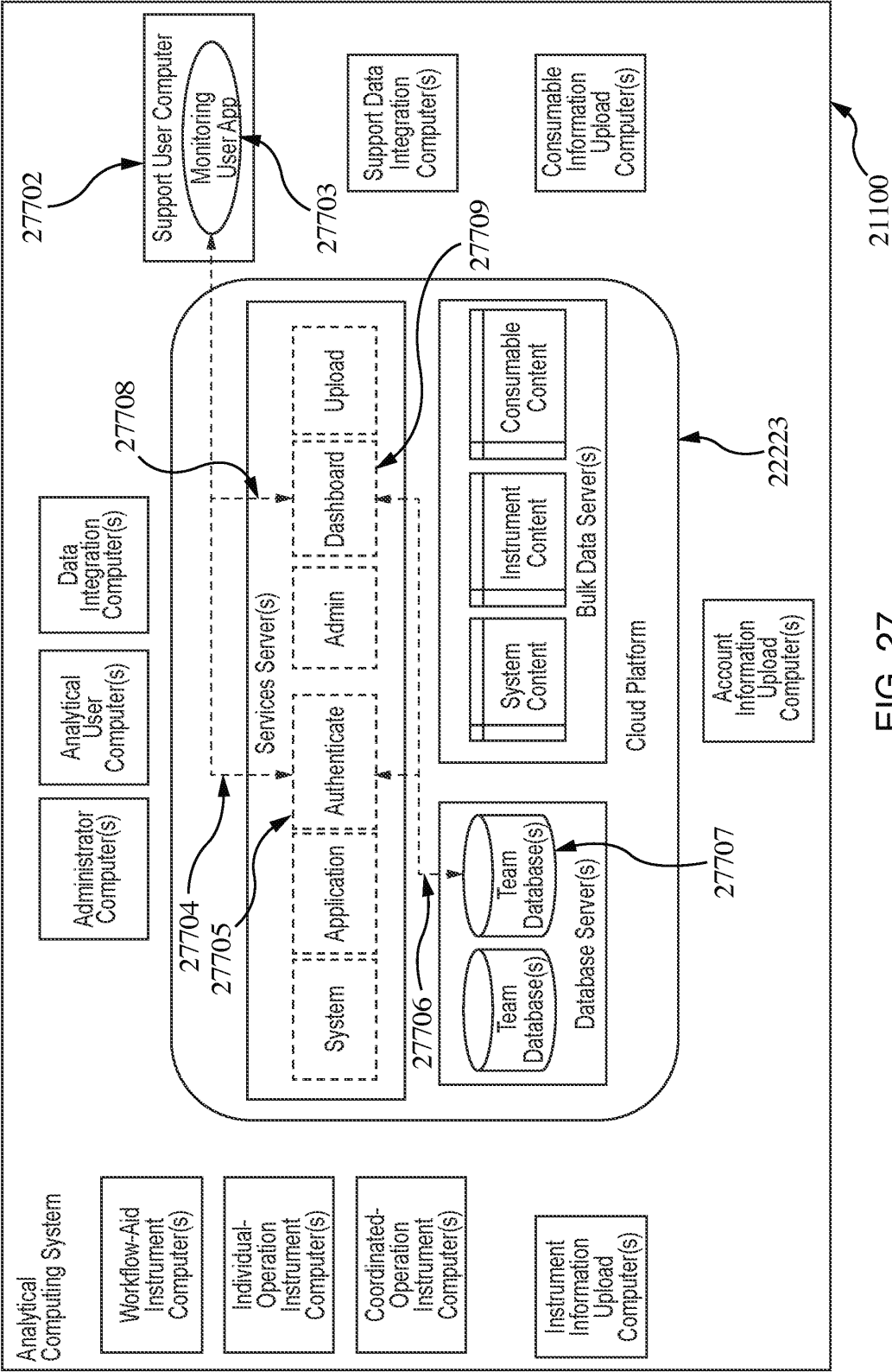


FIG. 25





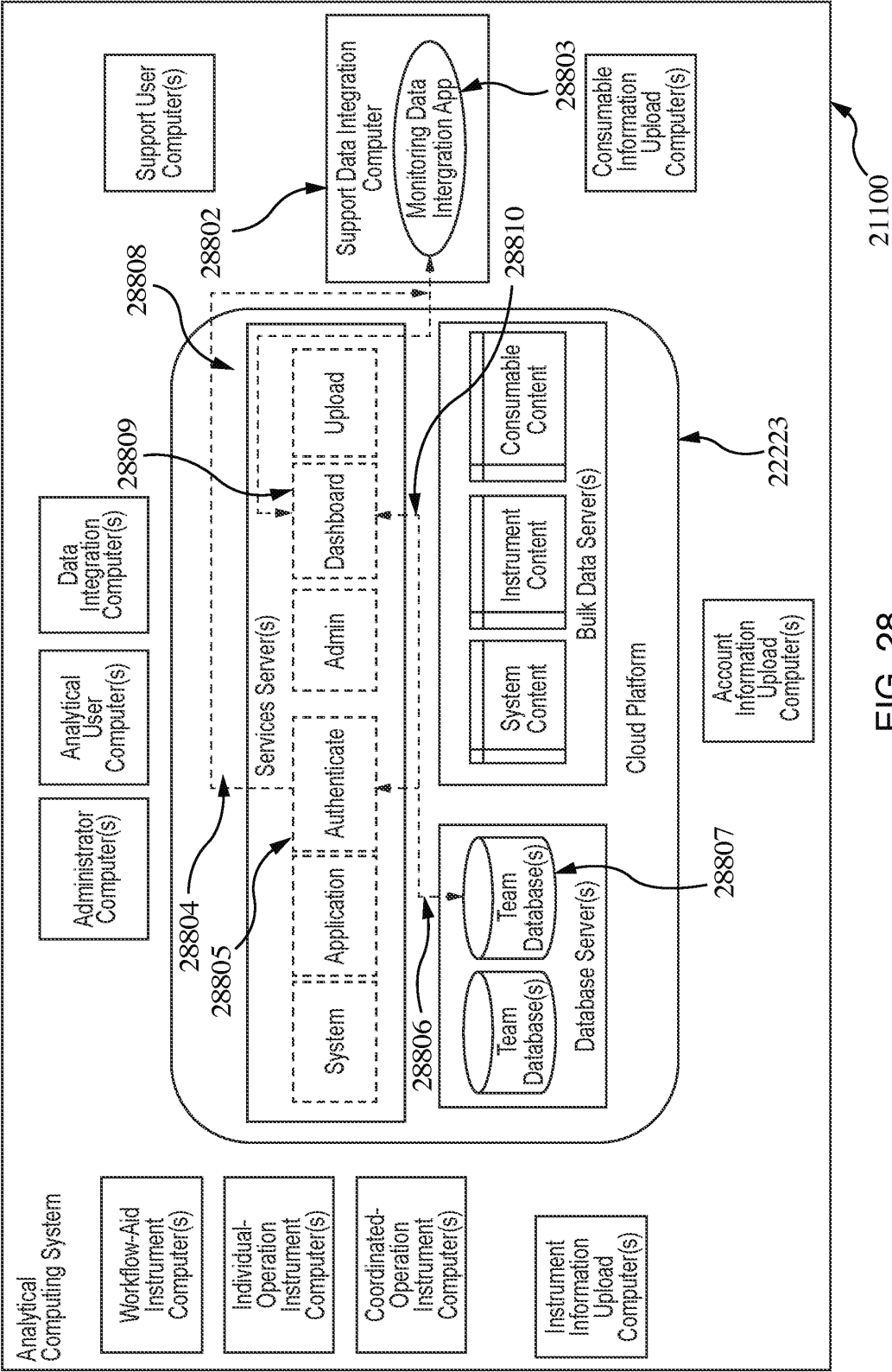


FIG. 28

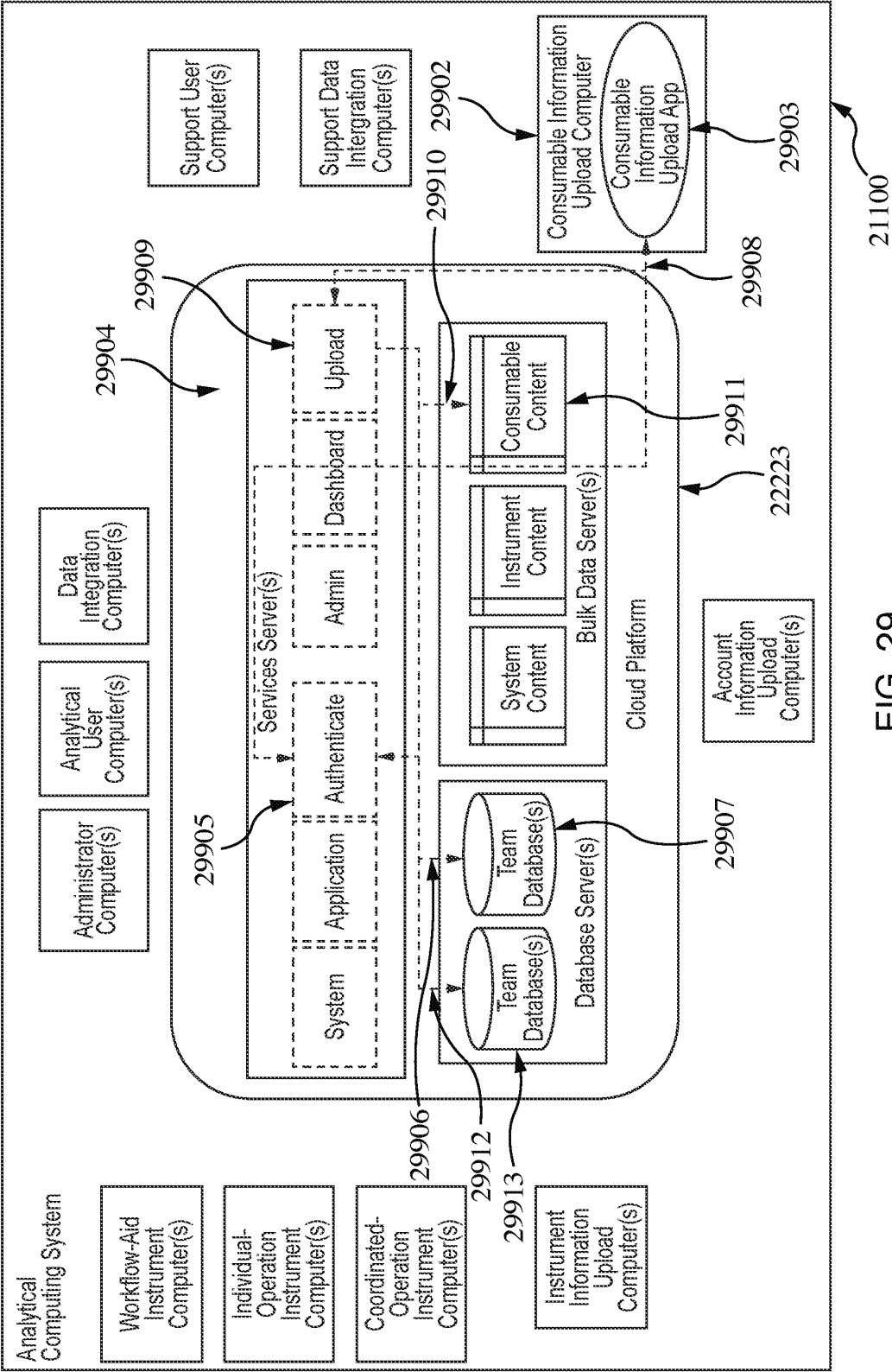


FIG. 29

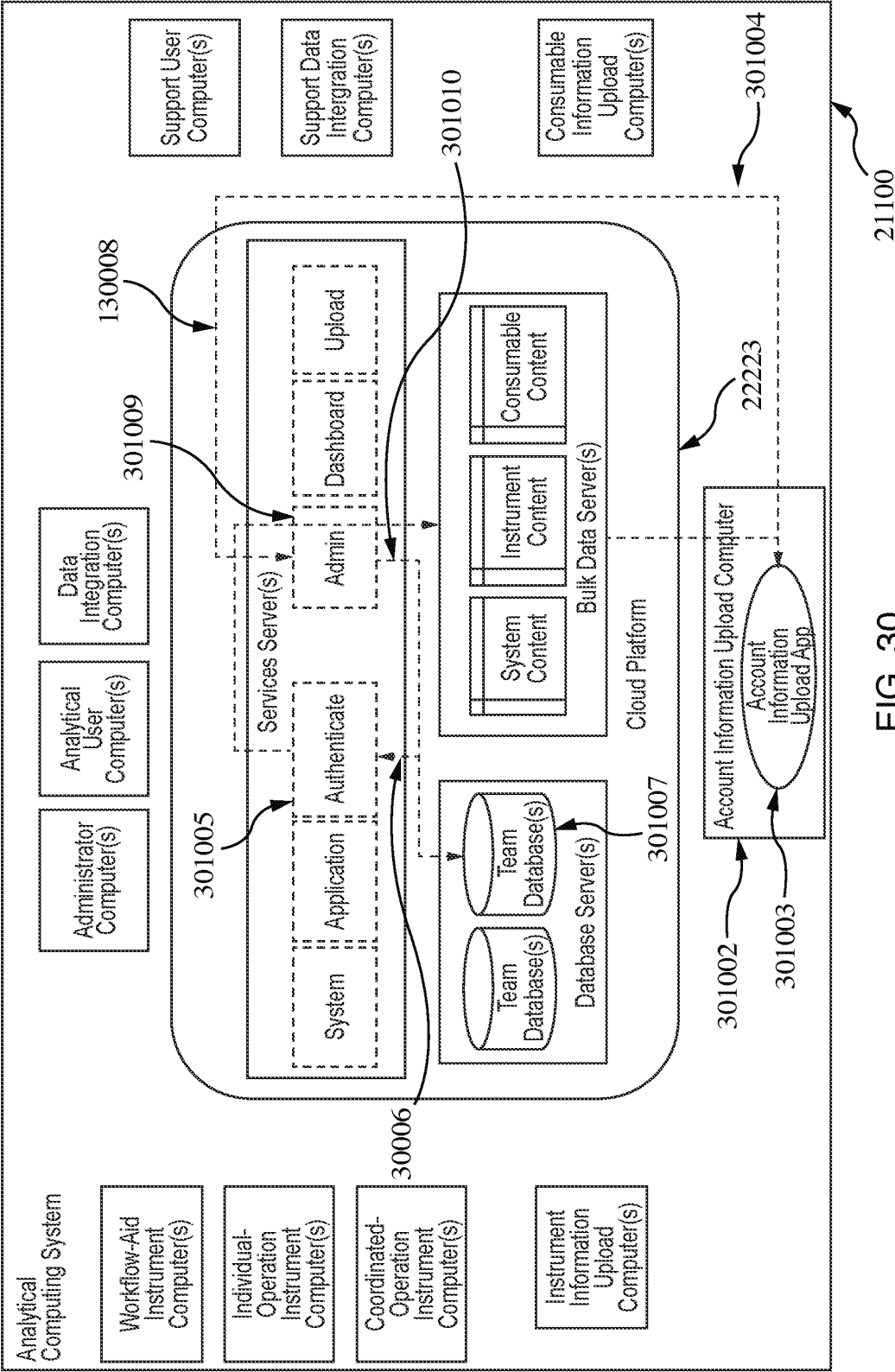


FIG. 30

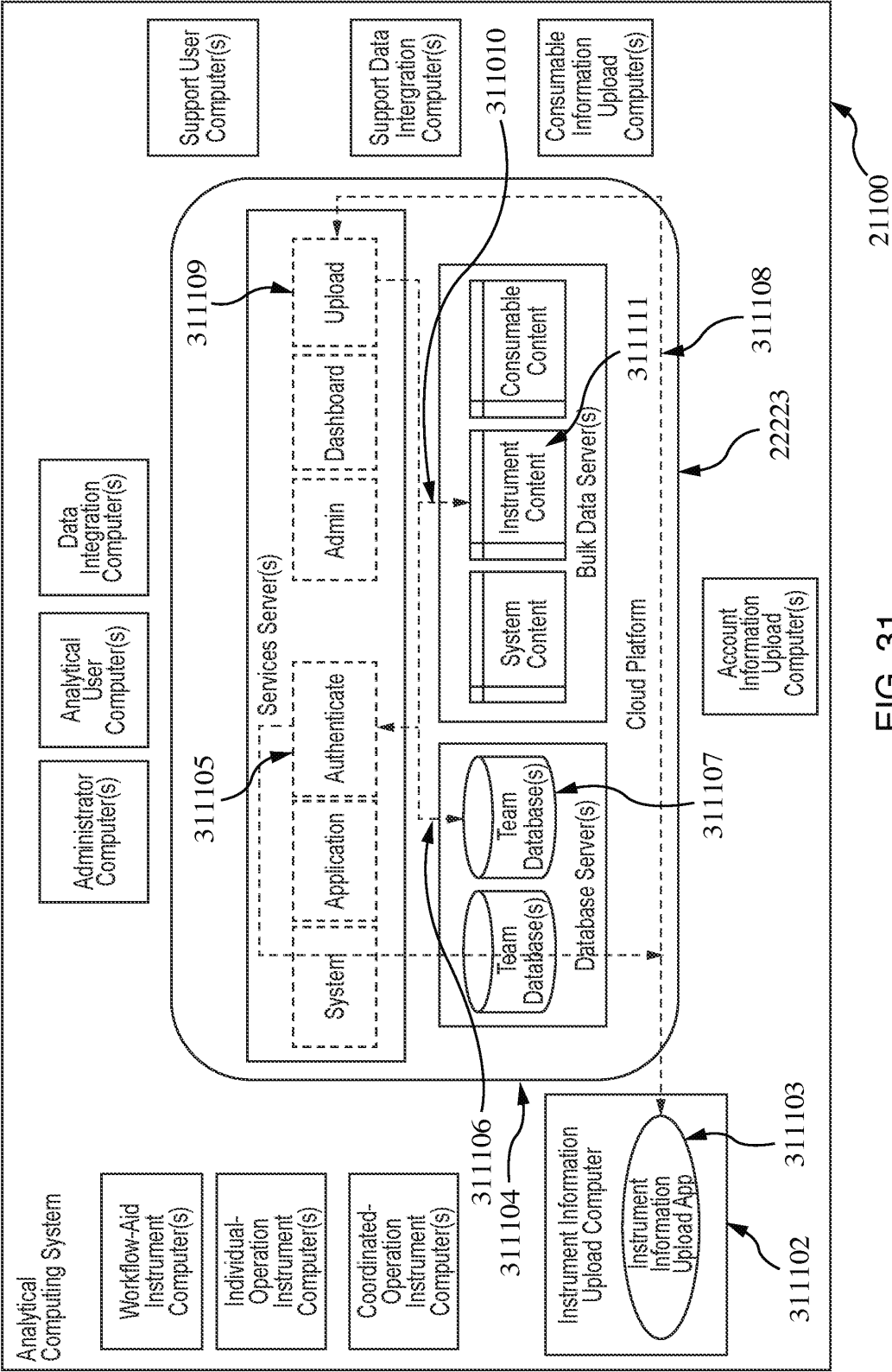


FIG. 31

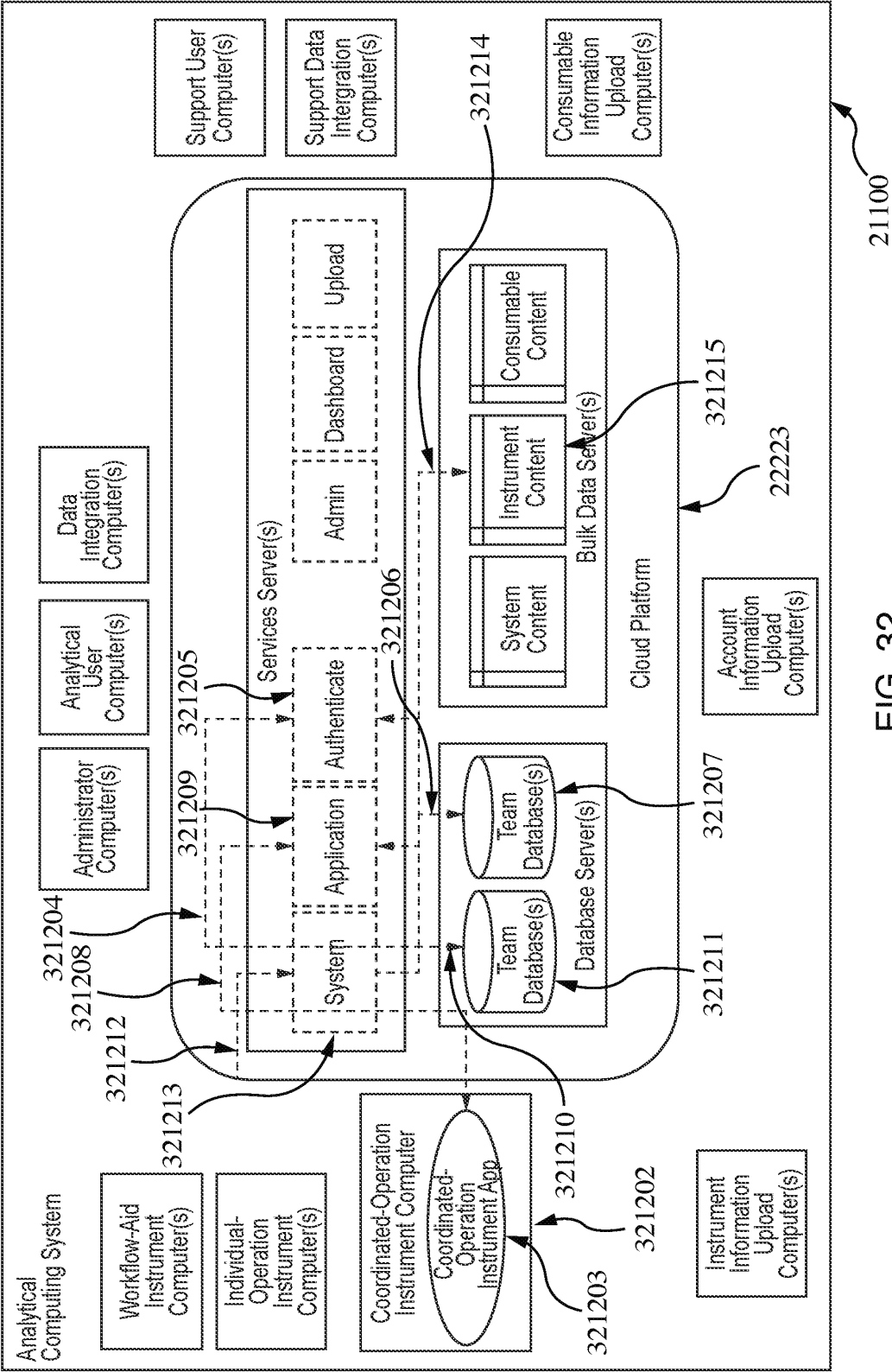


FIG. 32

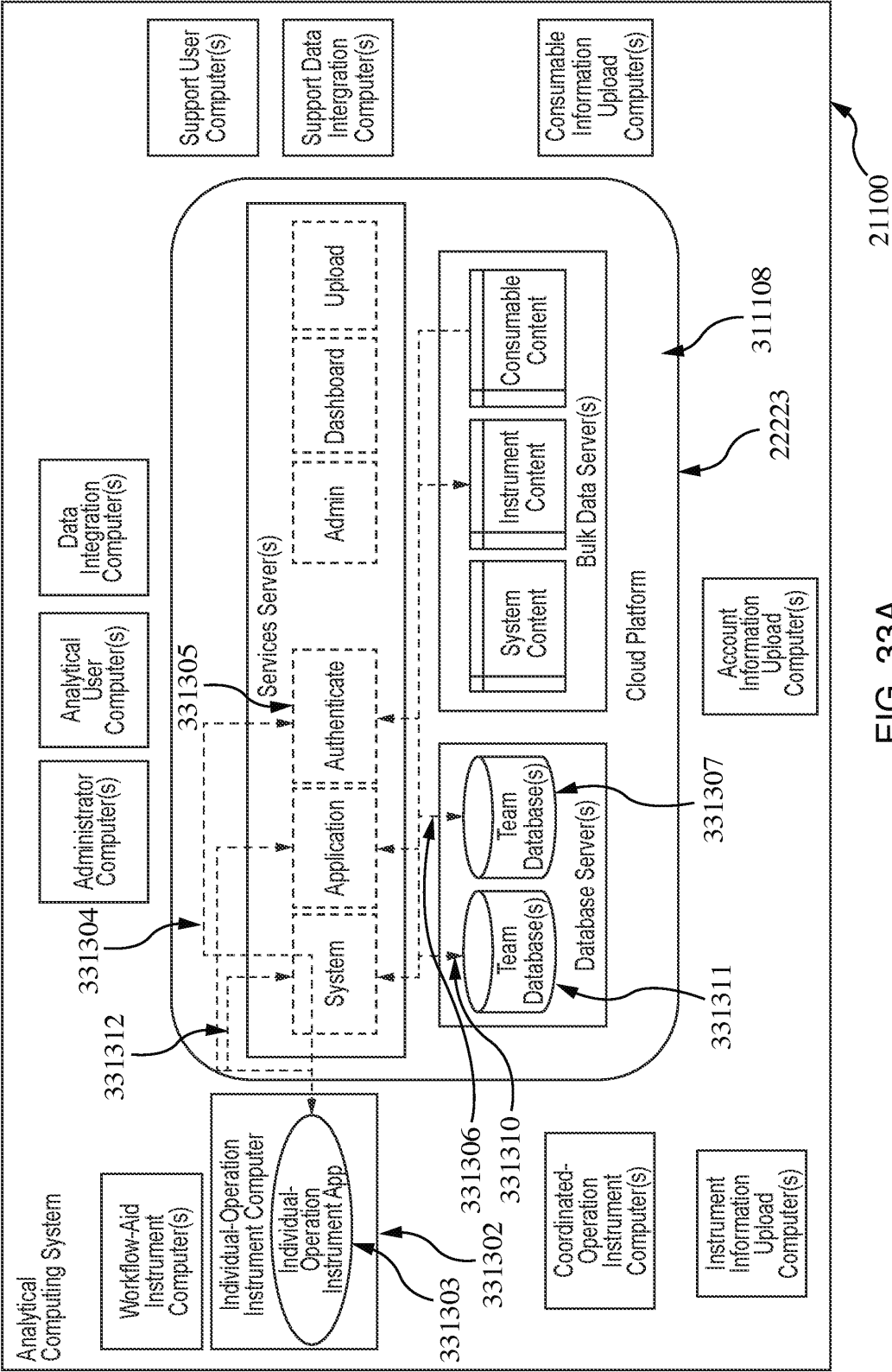


FIG. 33A

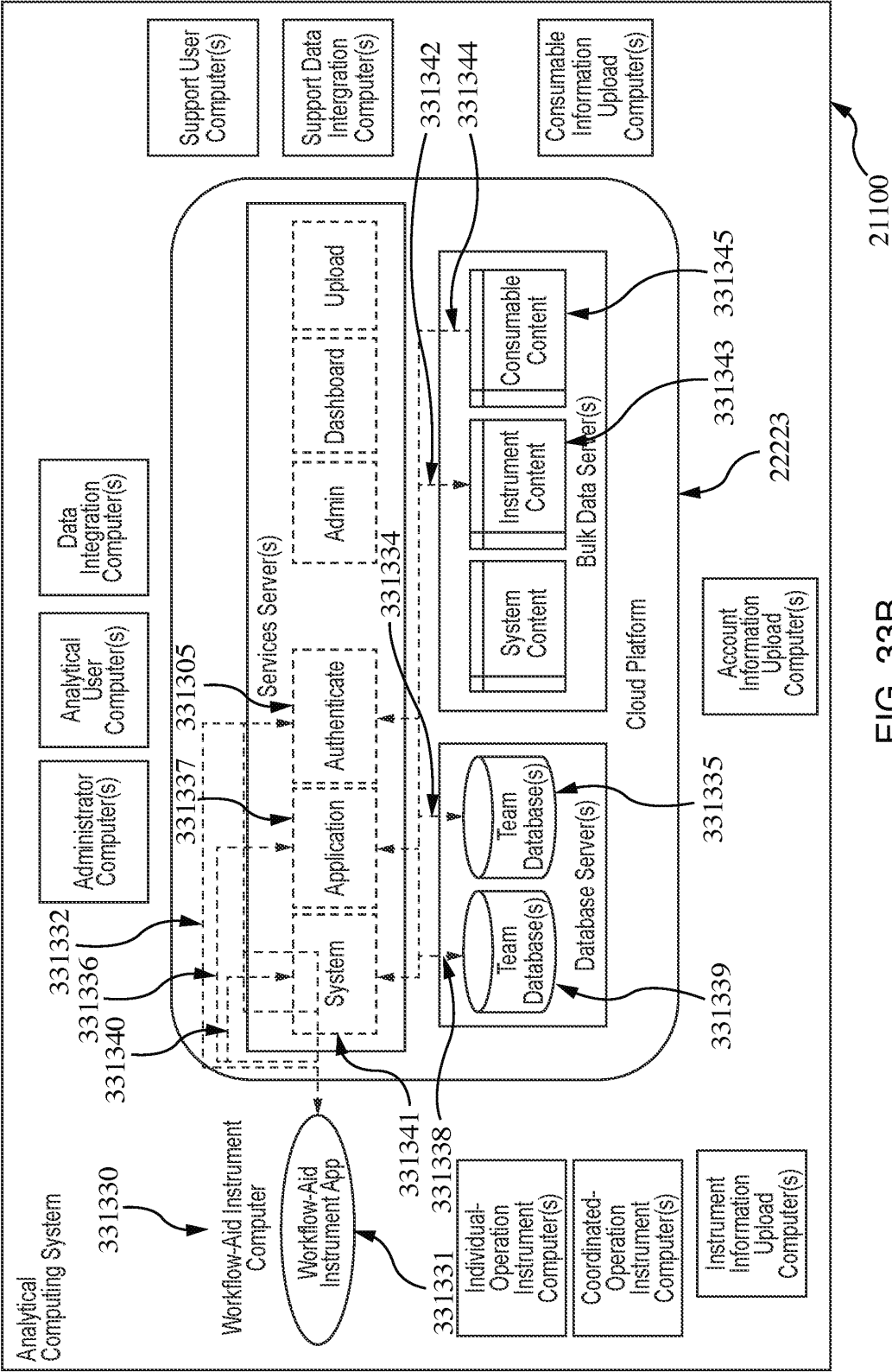


FIG. 33B

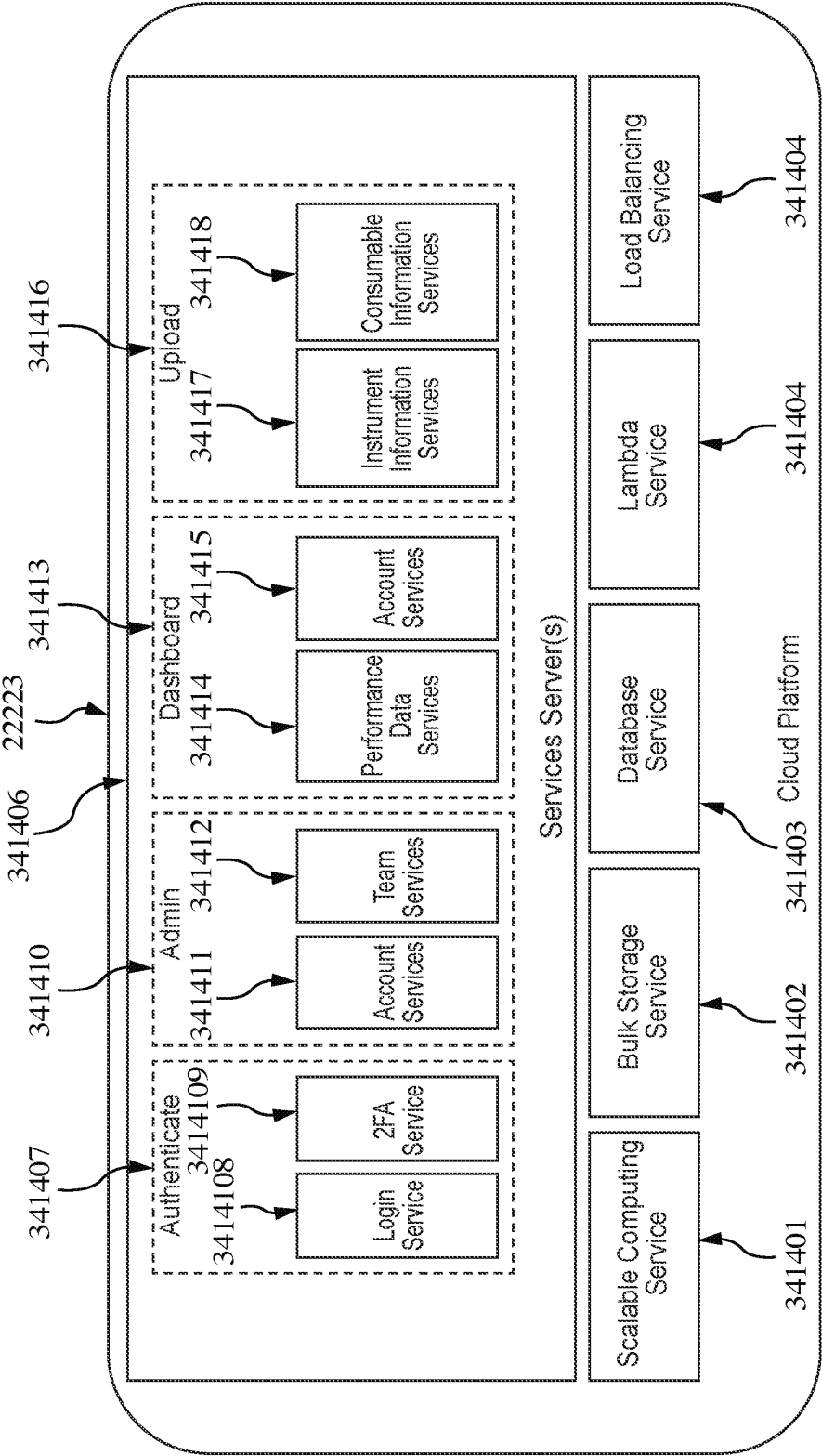


FIG. 34A

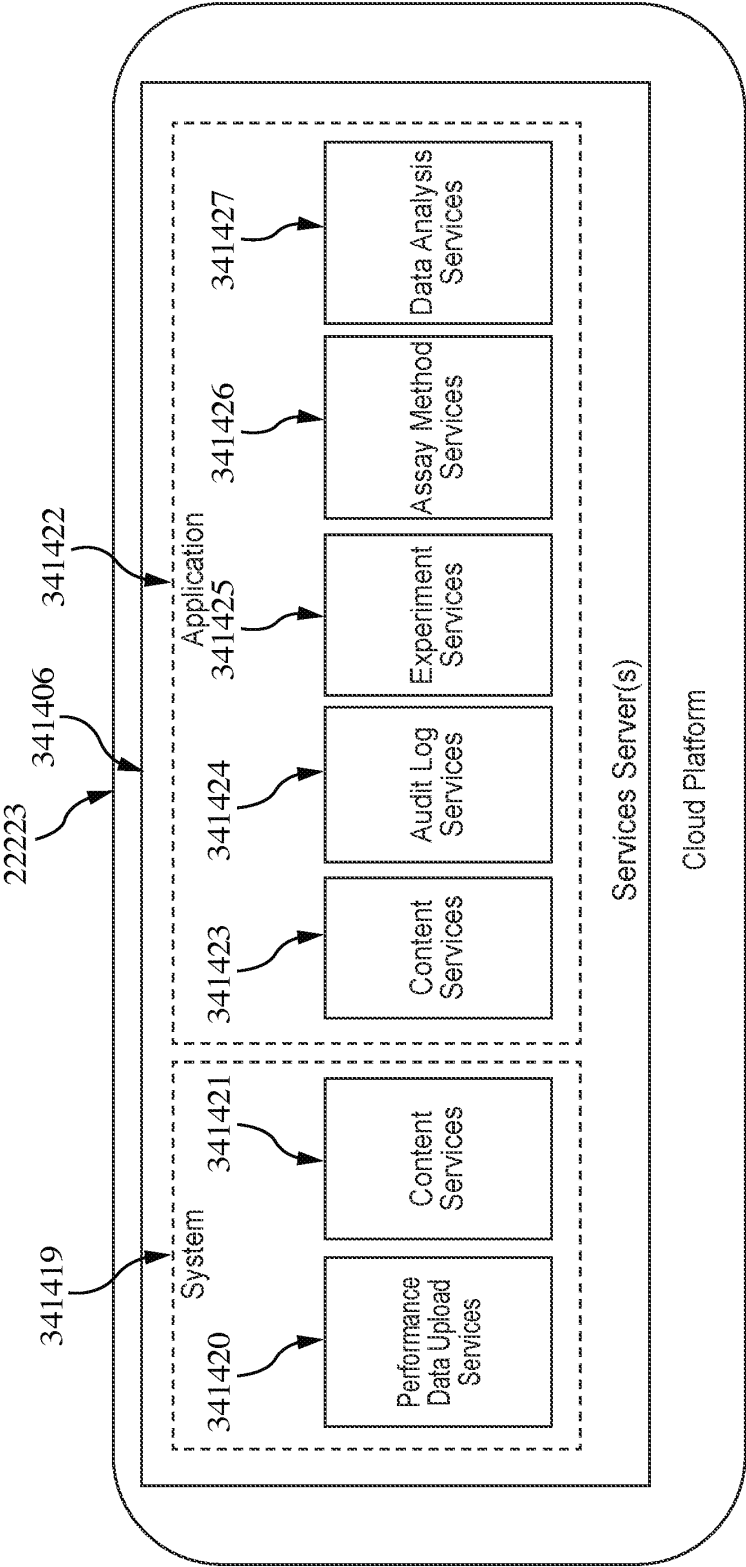


FIG. 34B

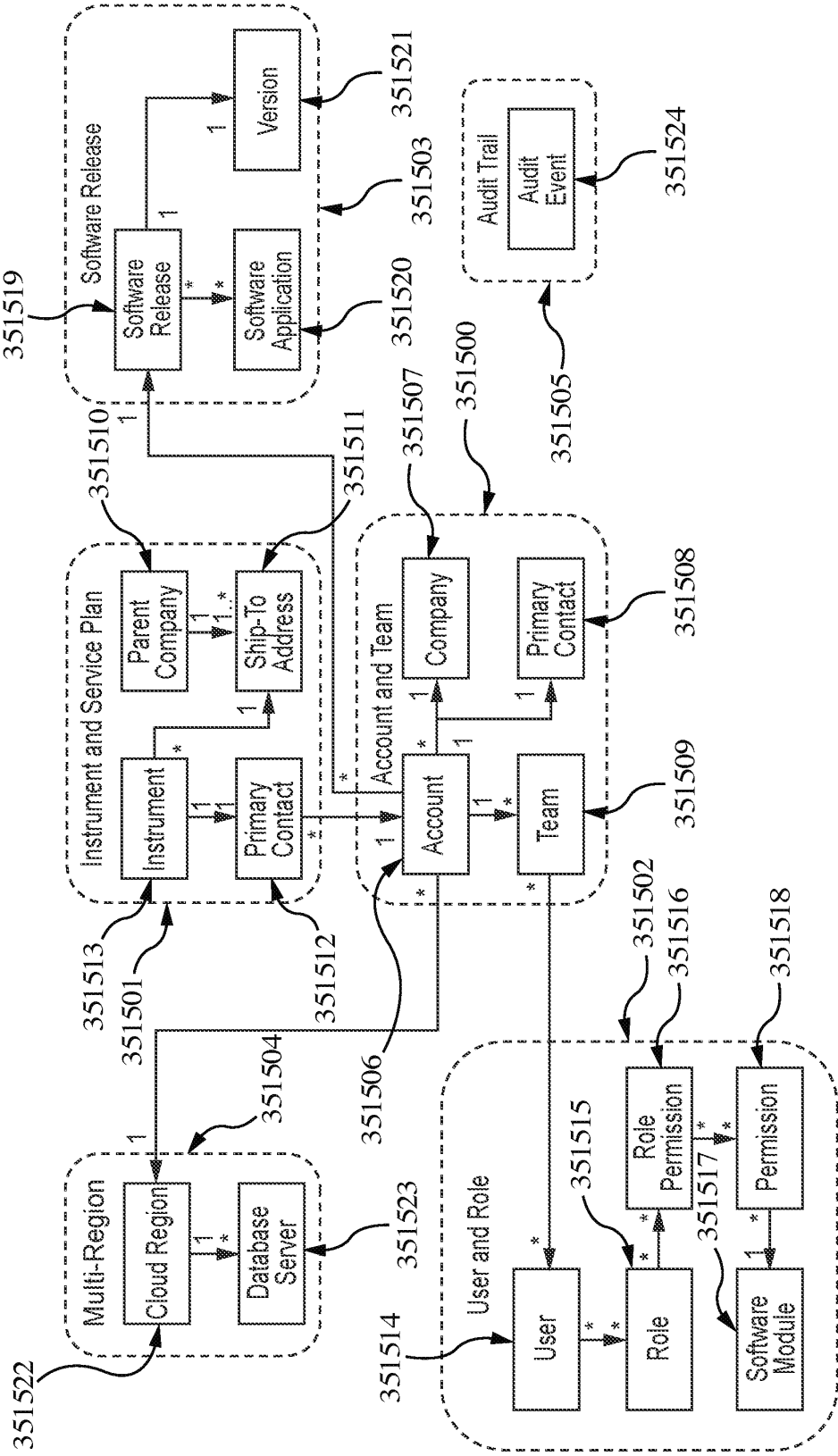


FIG. 35A

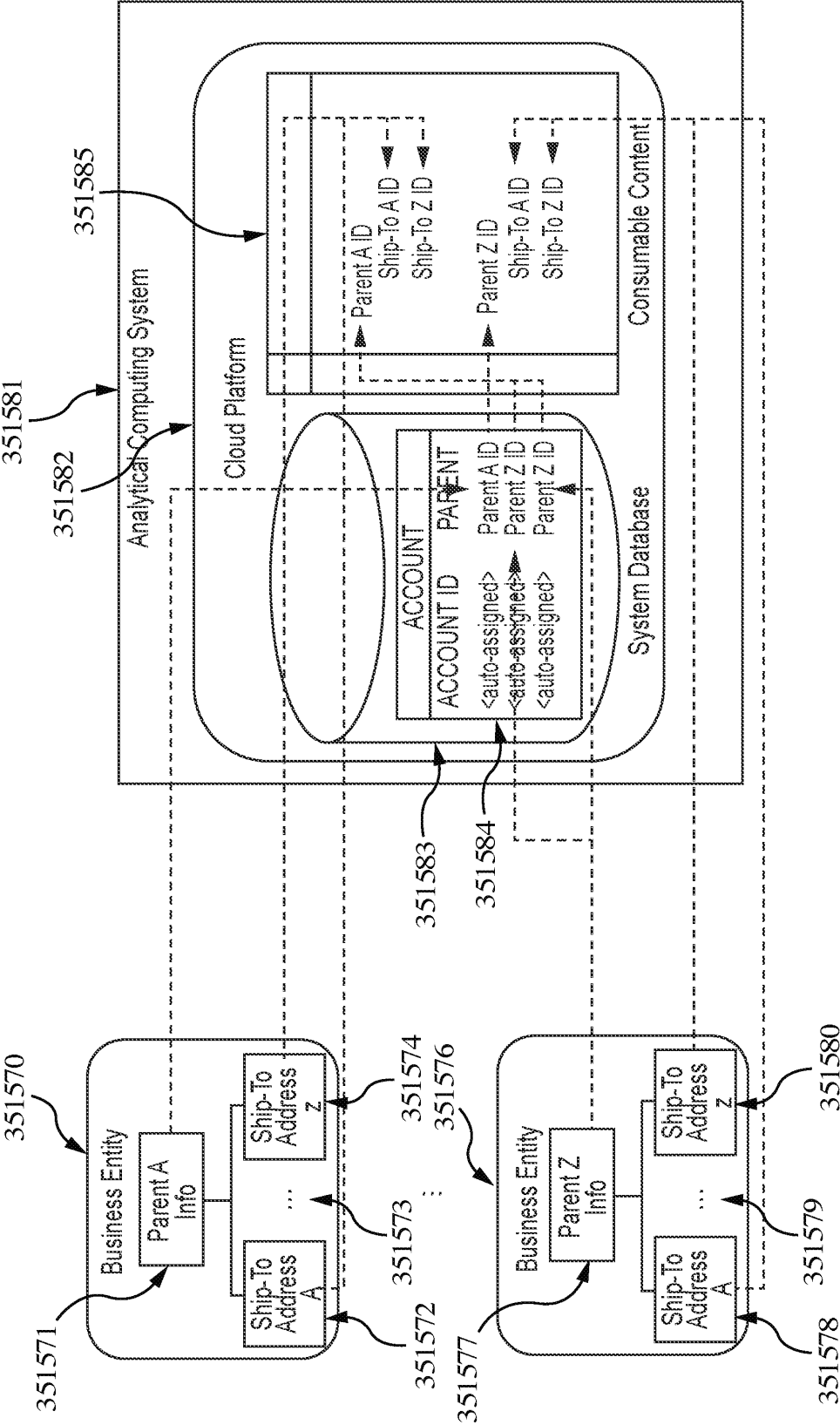


FIG. 35B

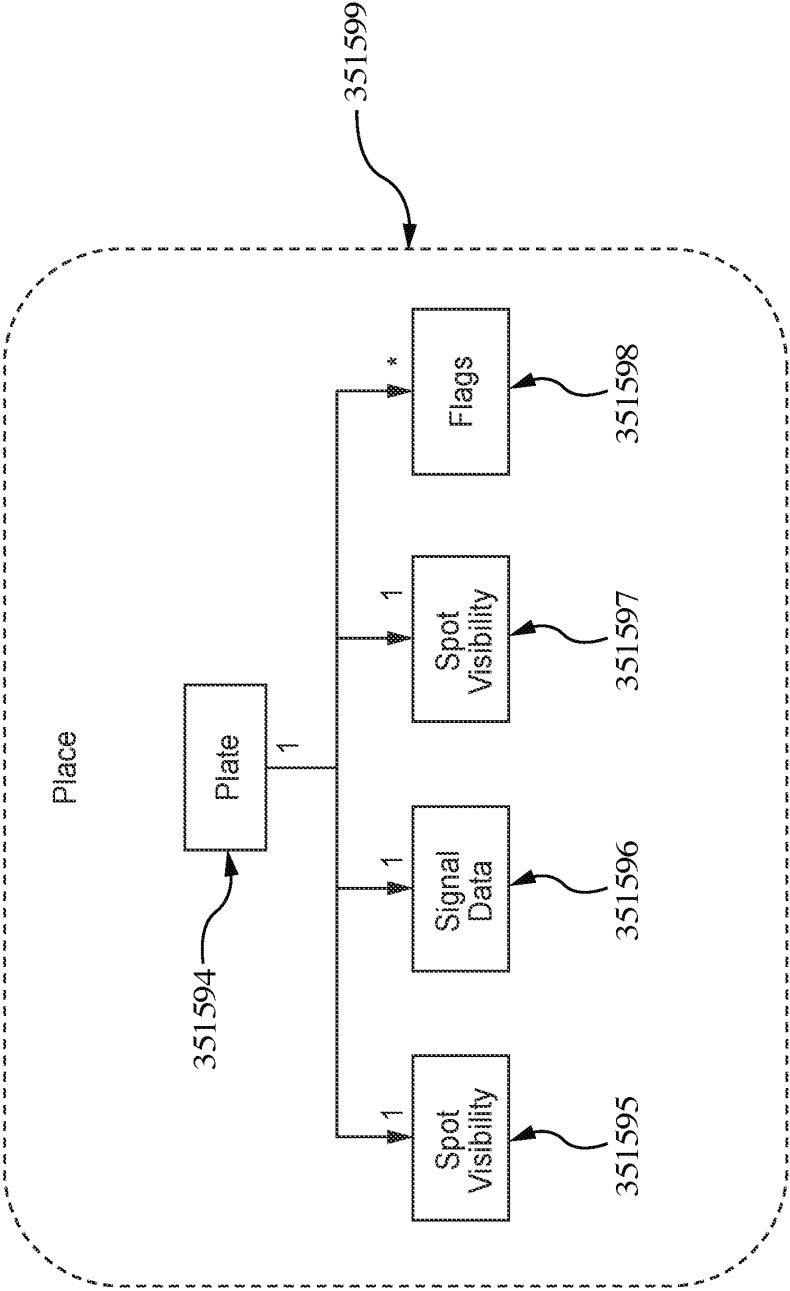


FIG. 35C

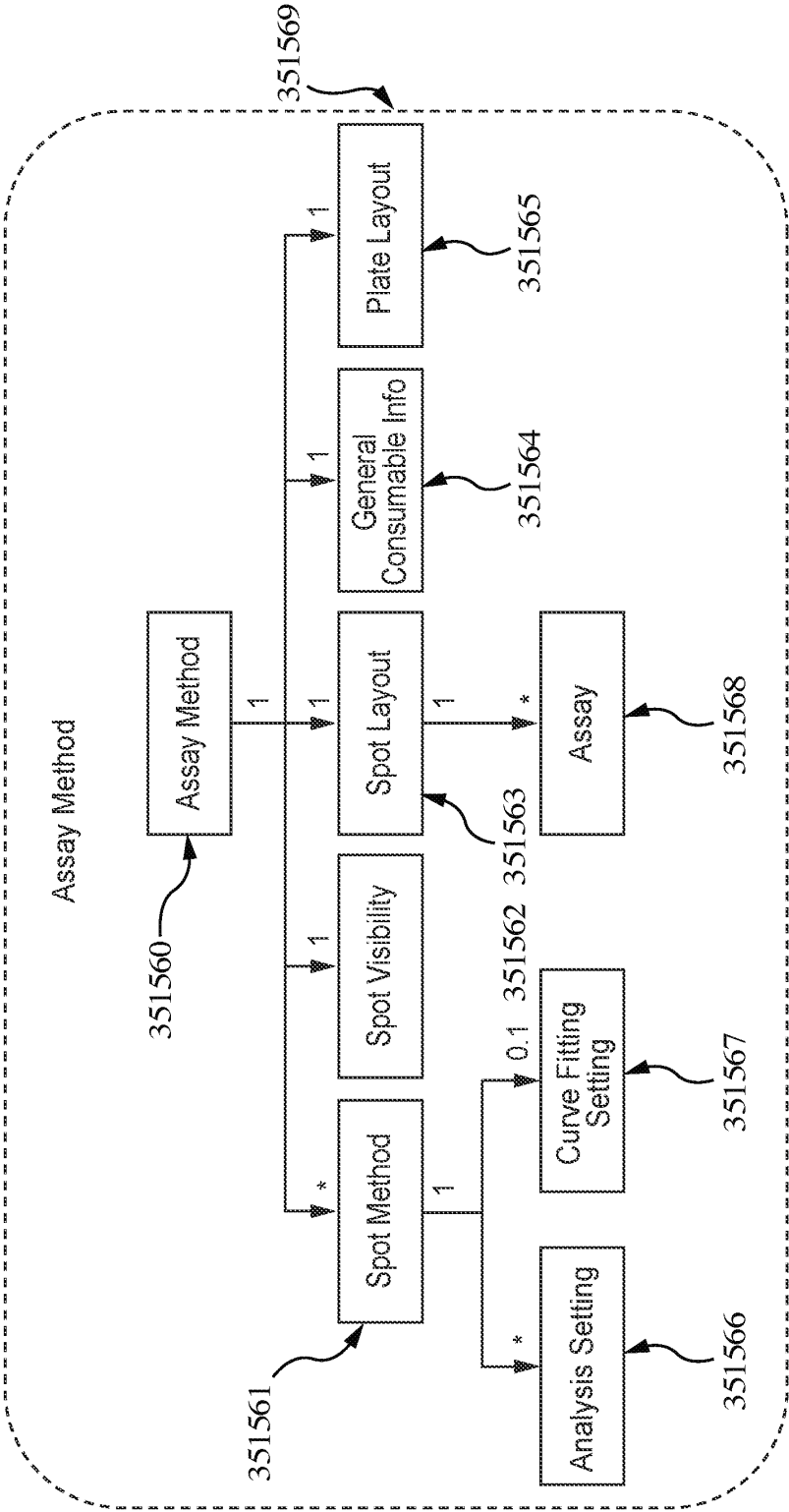


FIG. 35D

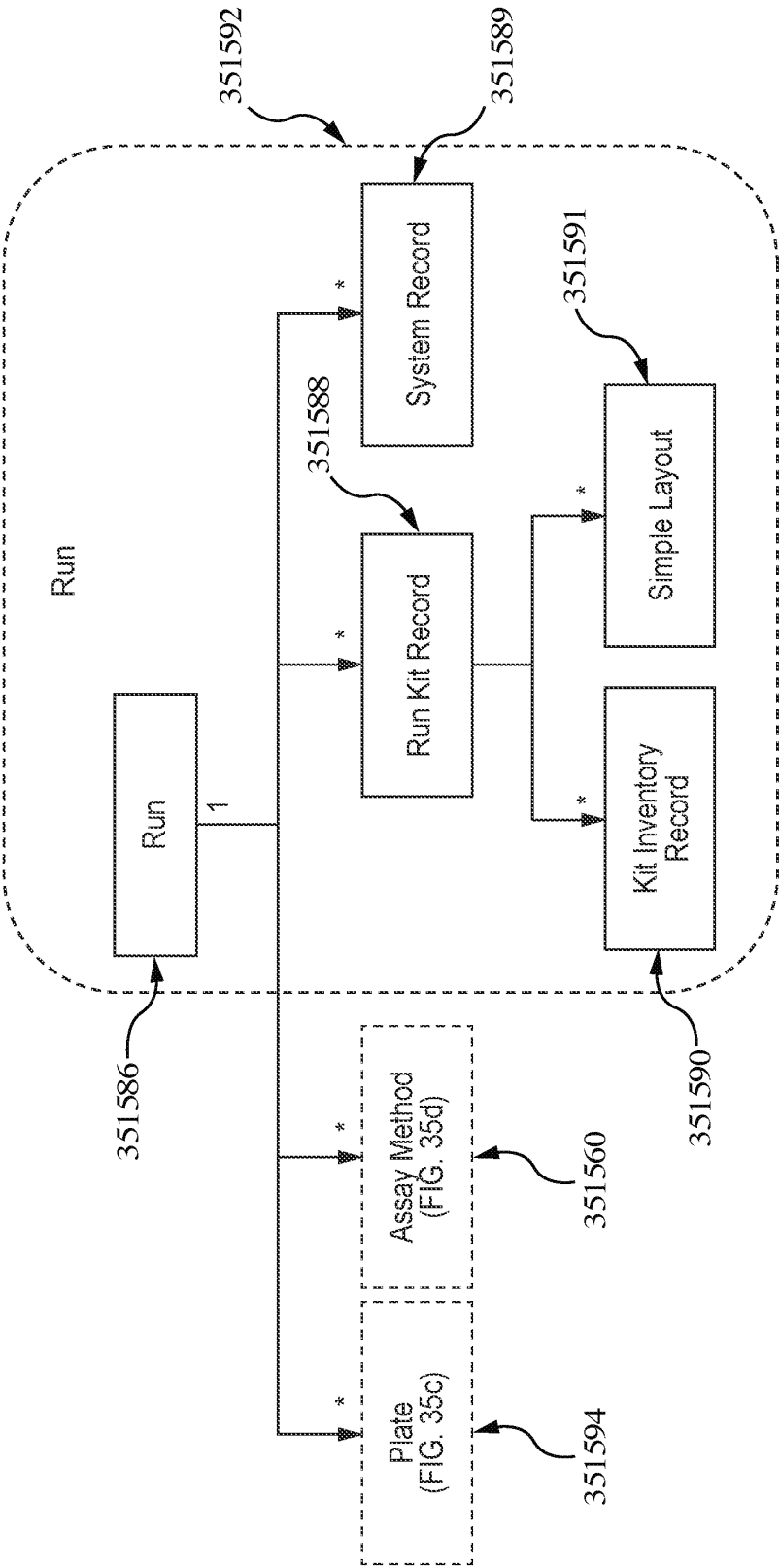


FIG. 35E

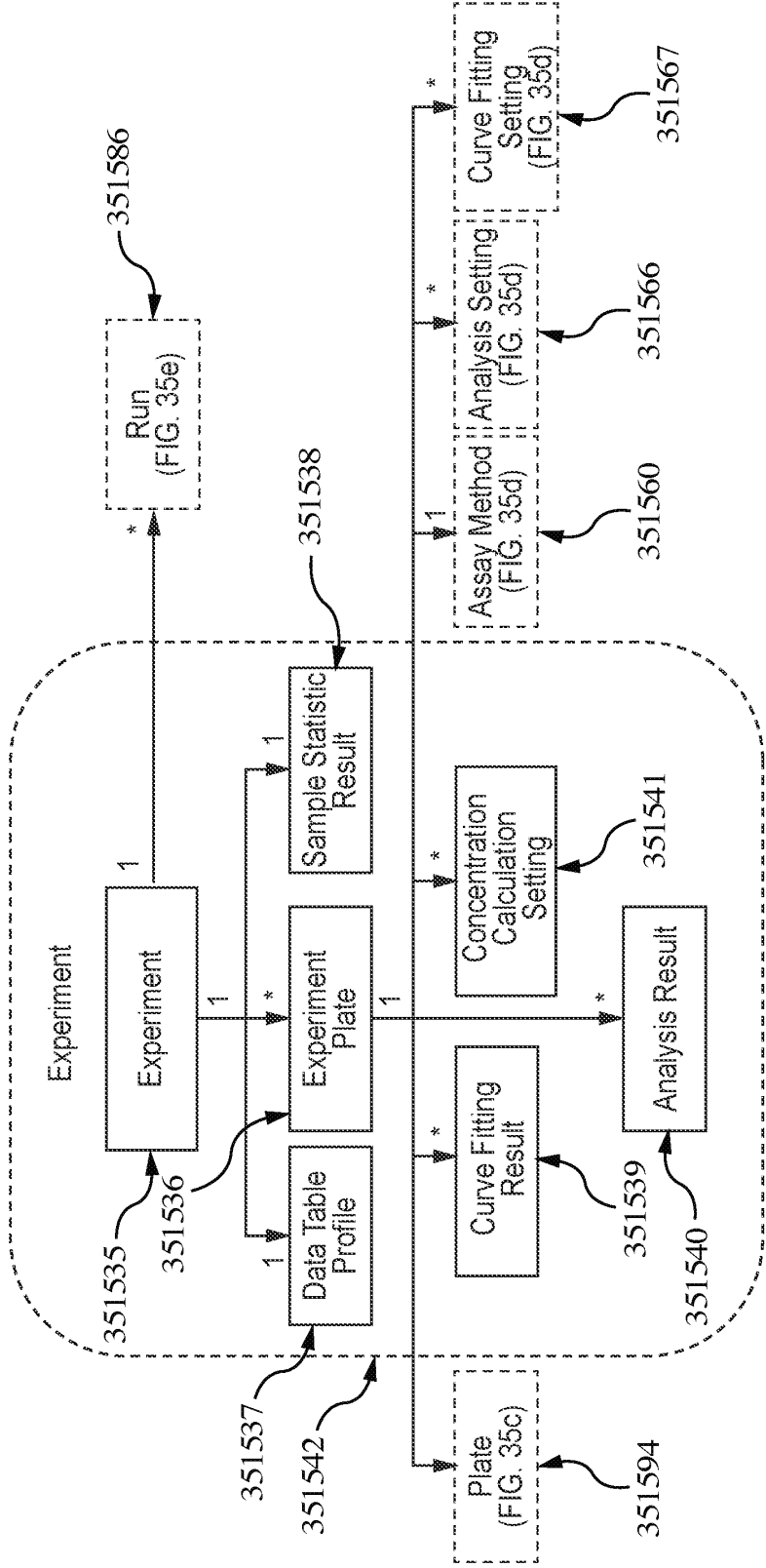


FIG. 35F

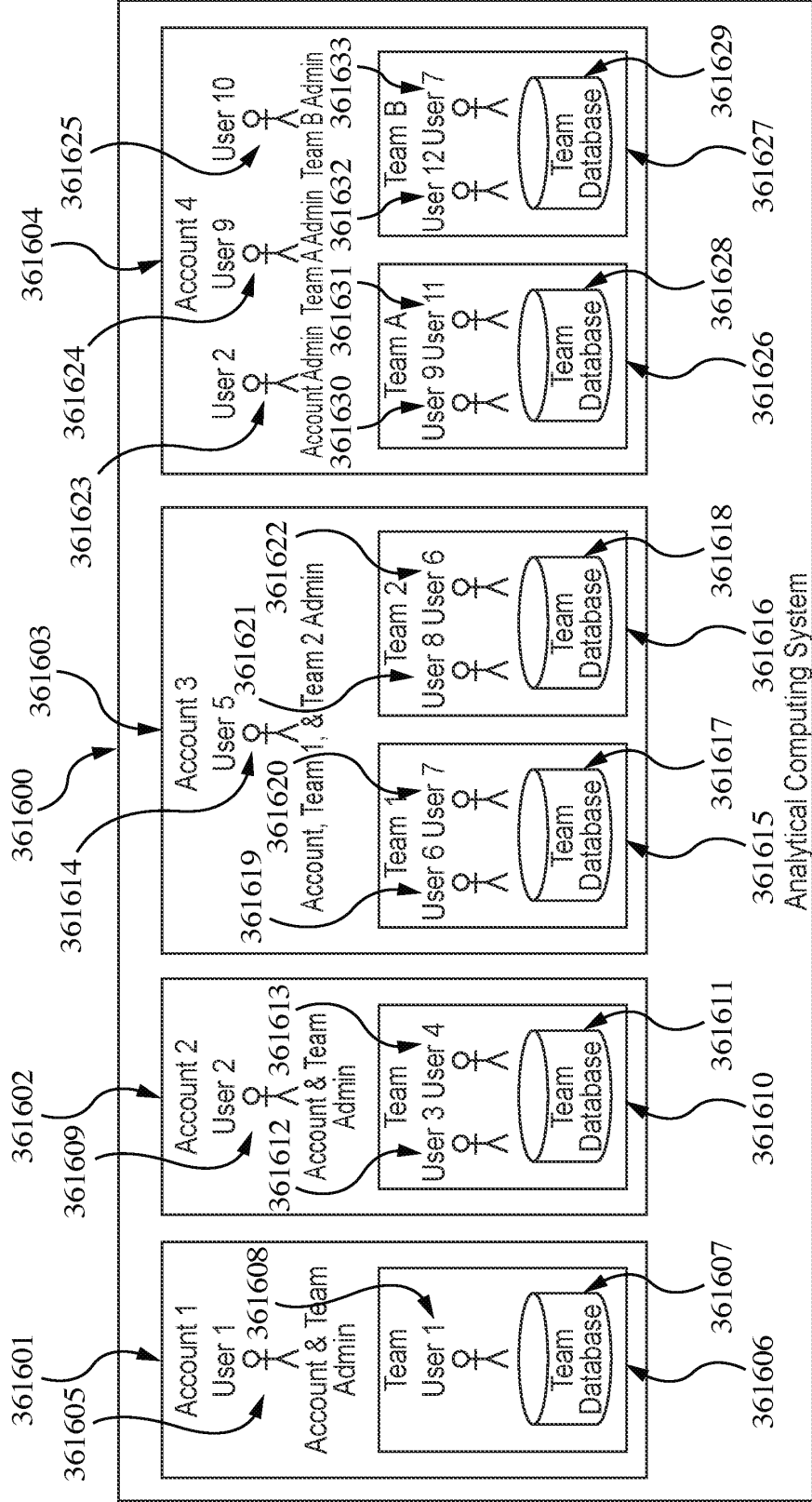


FIG. 36A

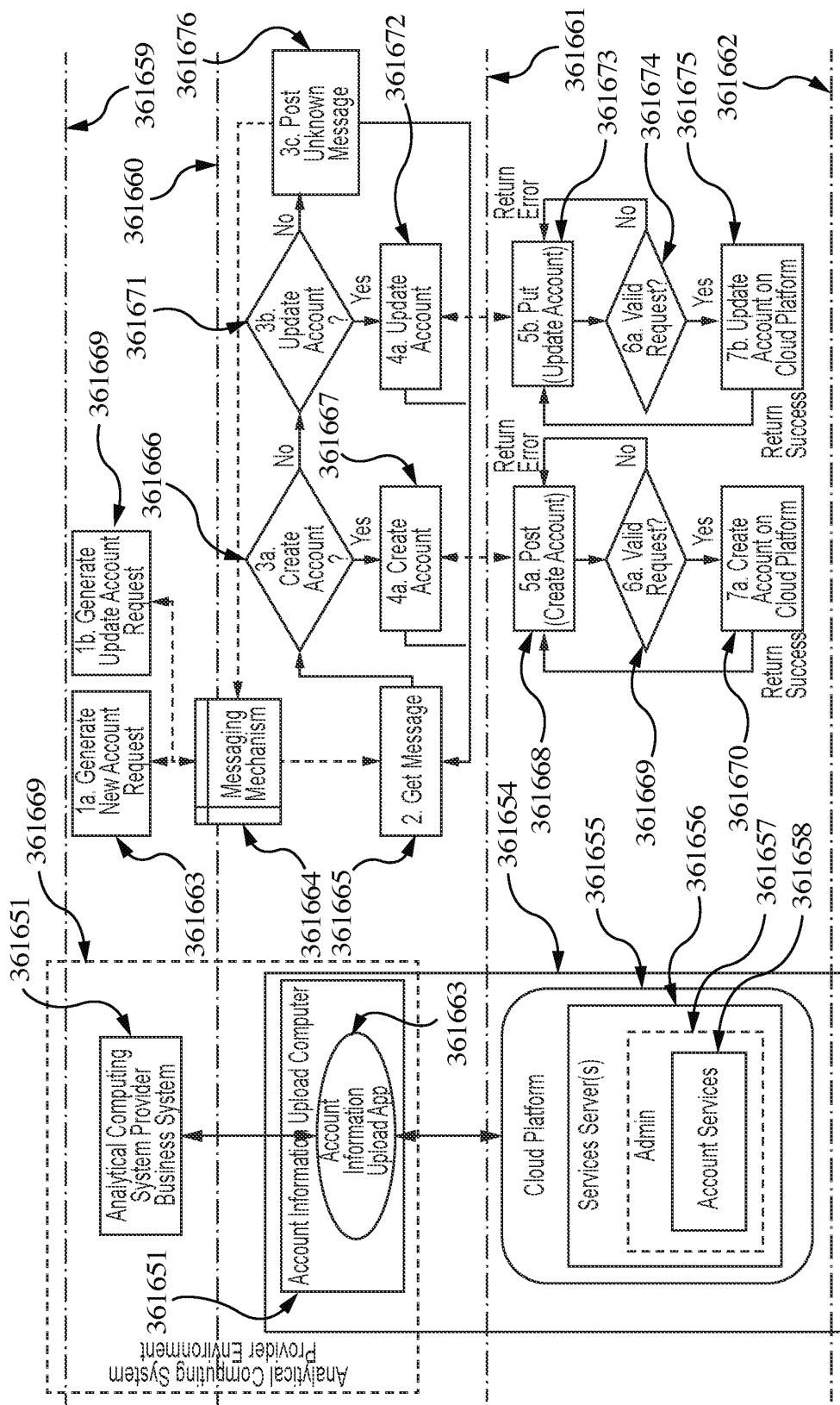


FIG. 36B

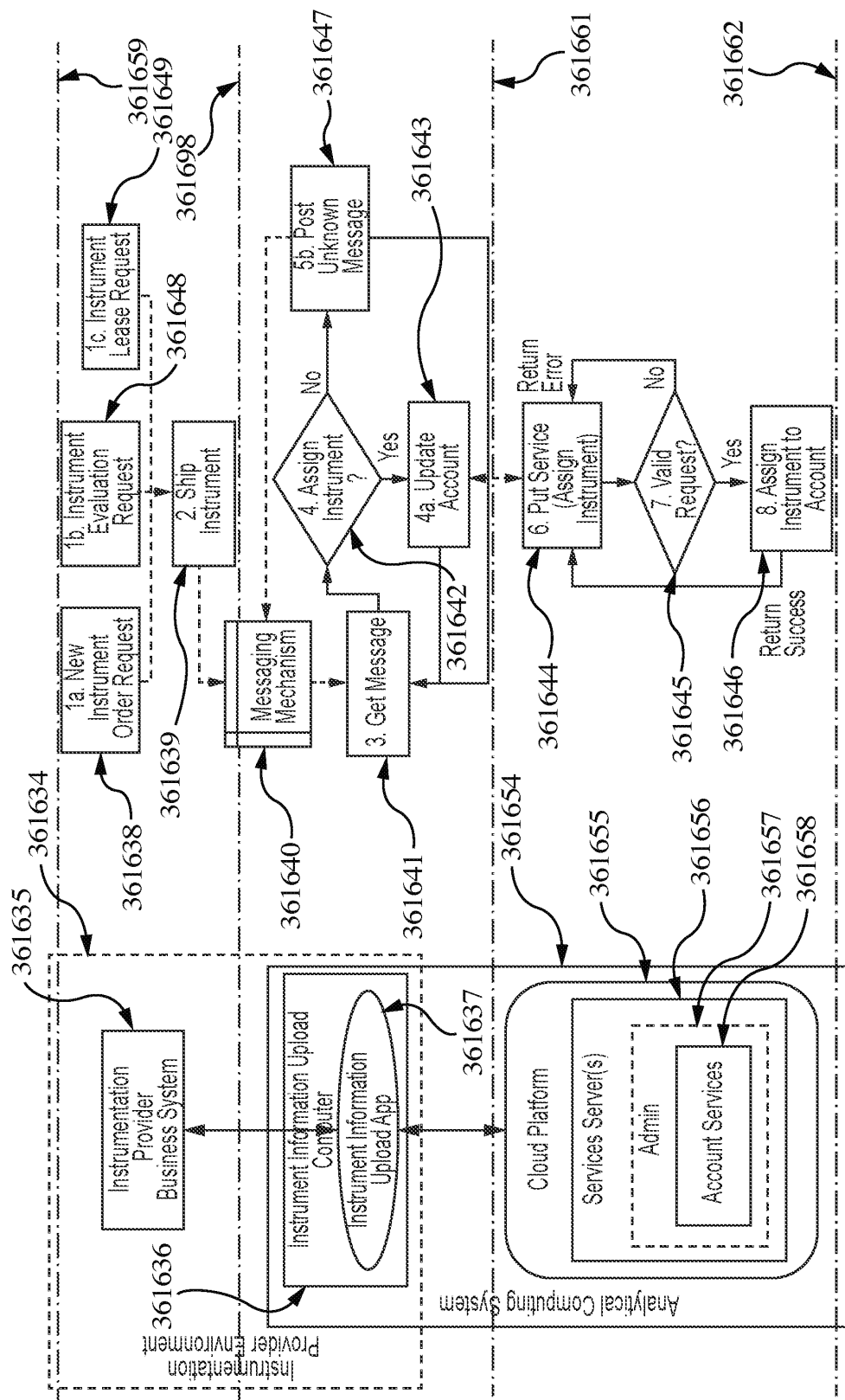


FIG. 36C

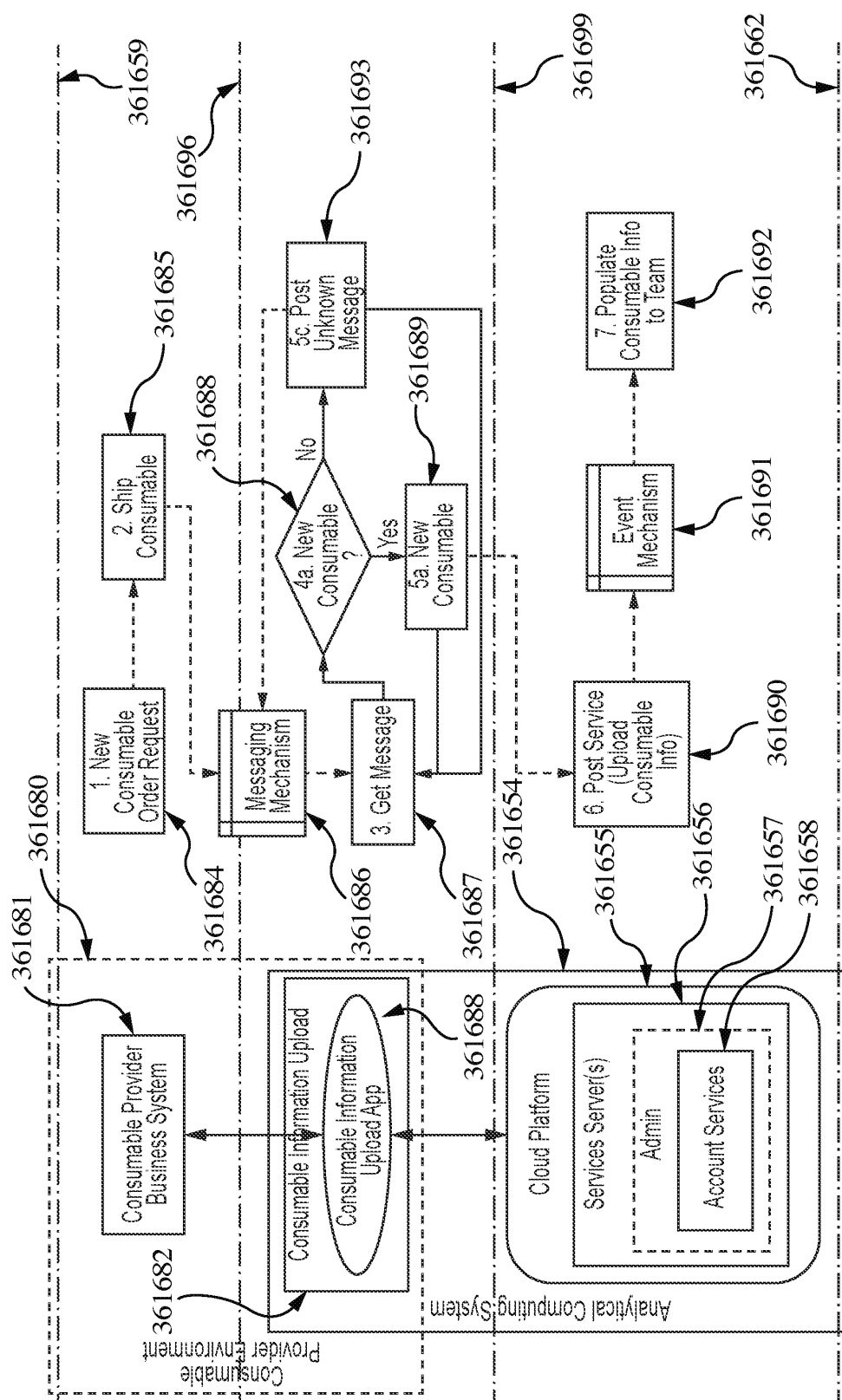


FIG. 36D

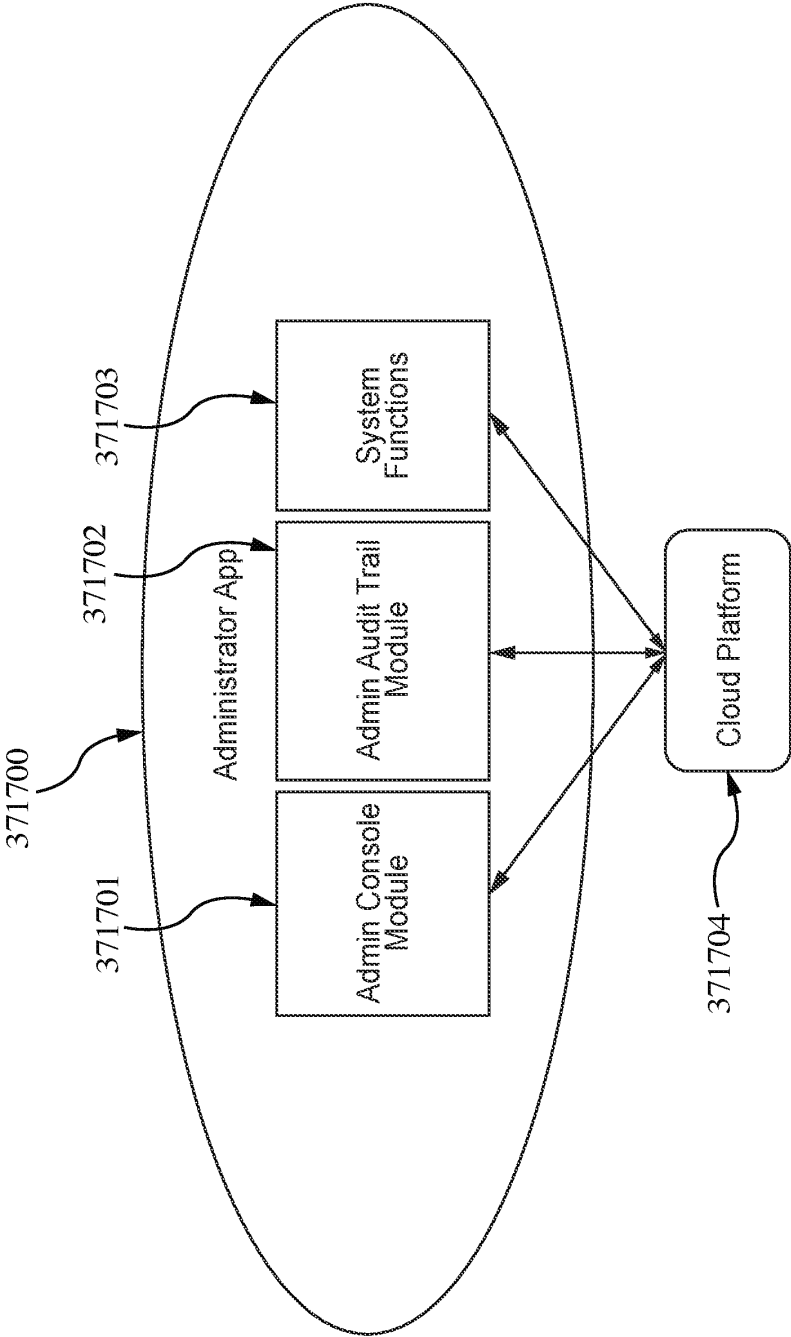


FIG. 37

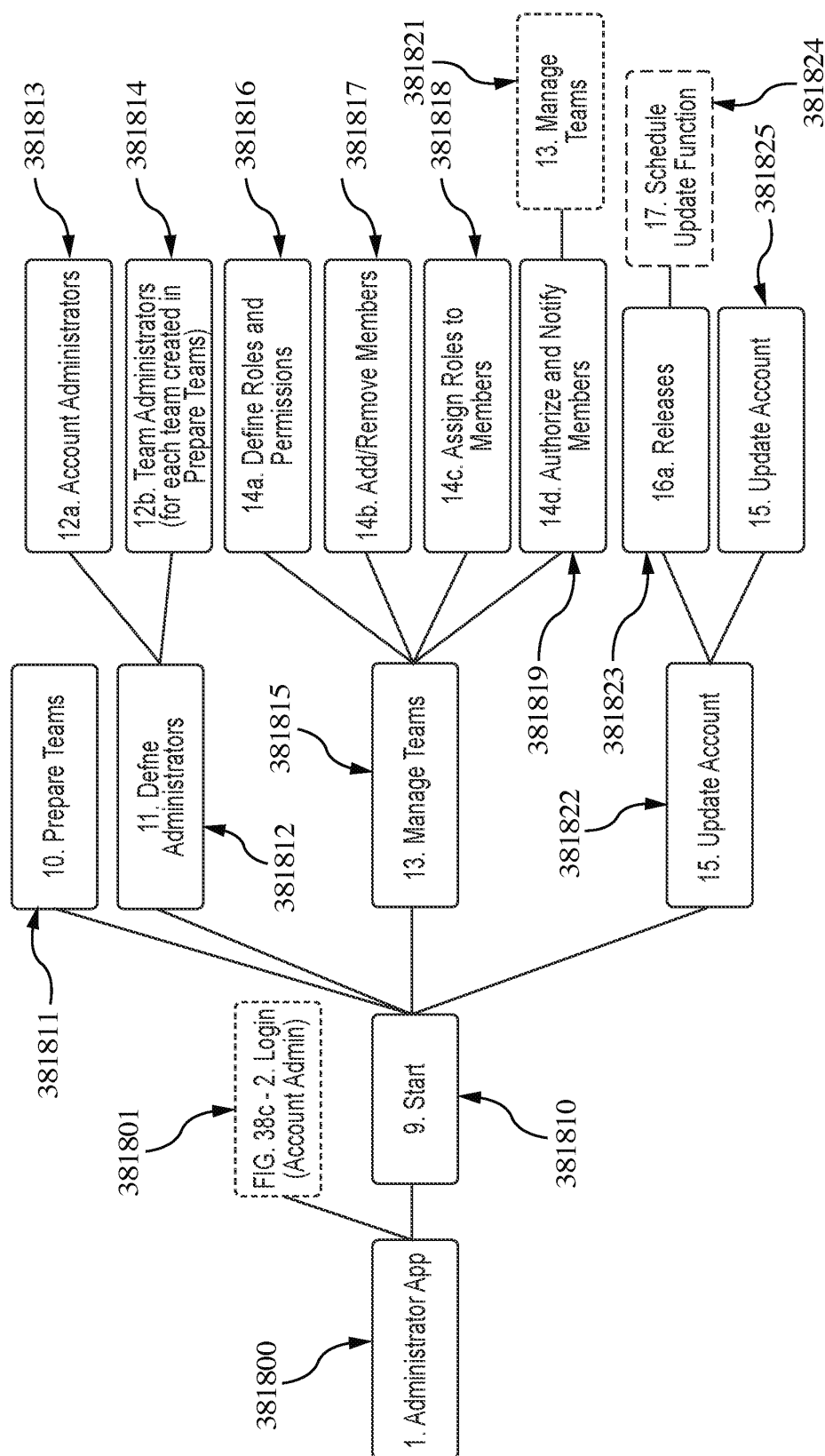


FIG. 38A

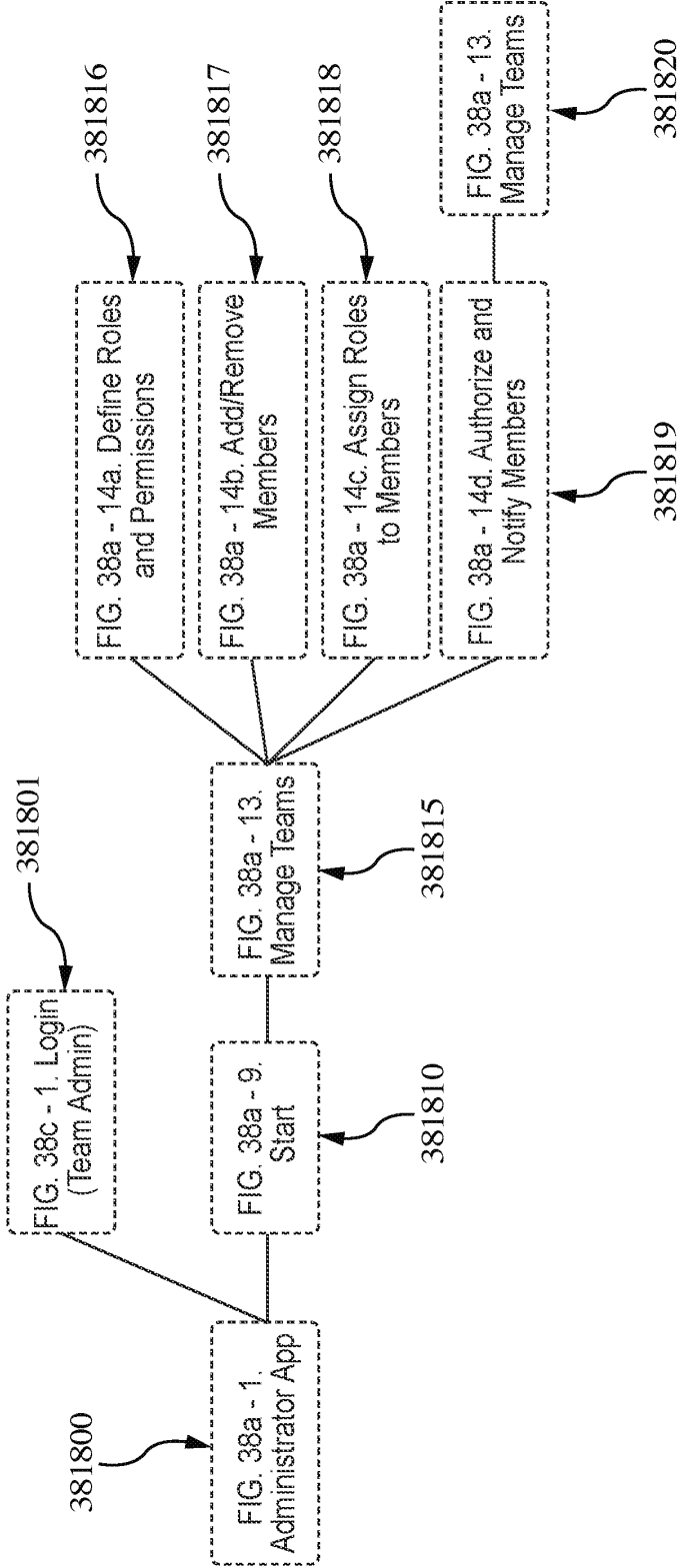


FIG. 38B

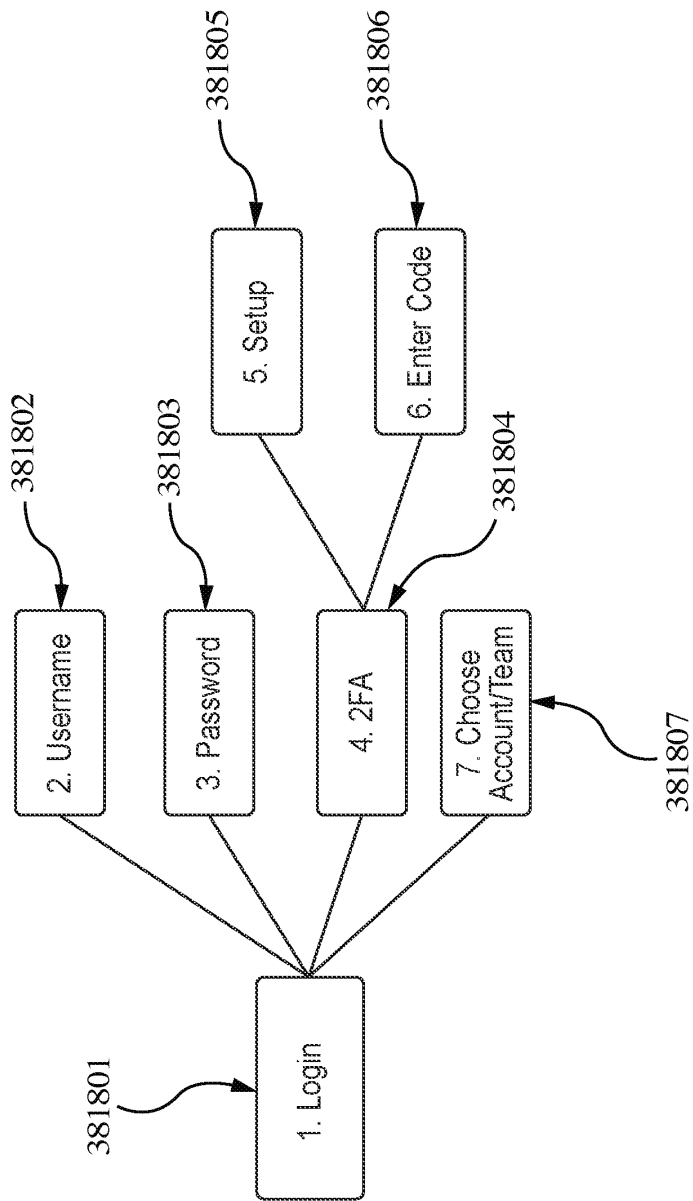


FIG. 38C

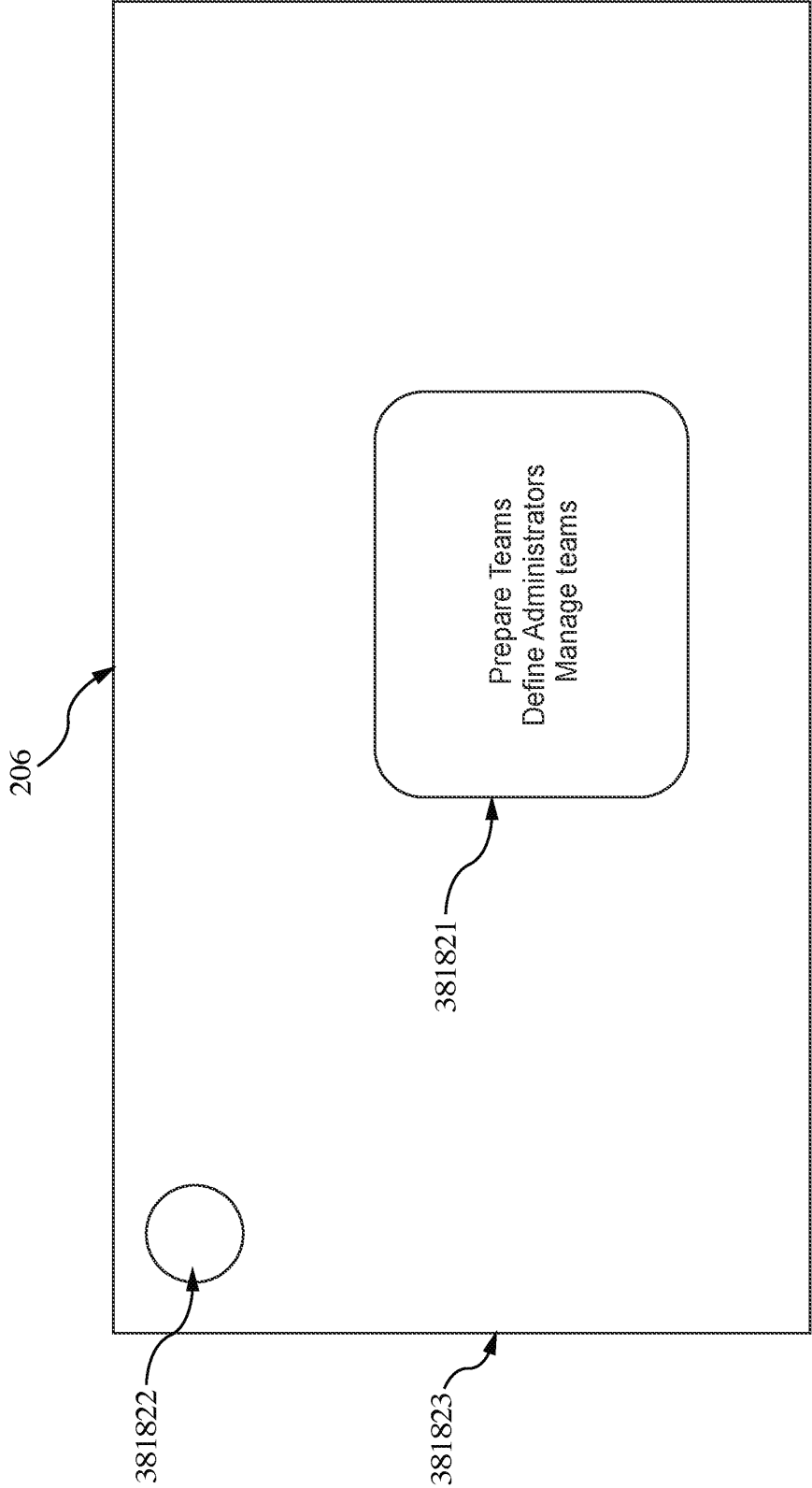


FIG. 38D

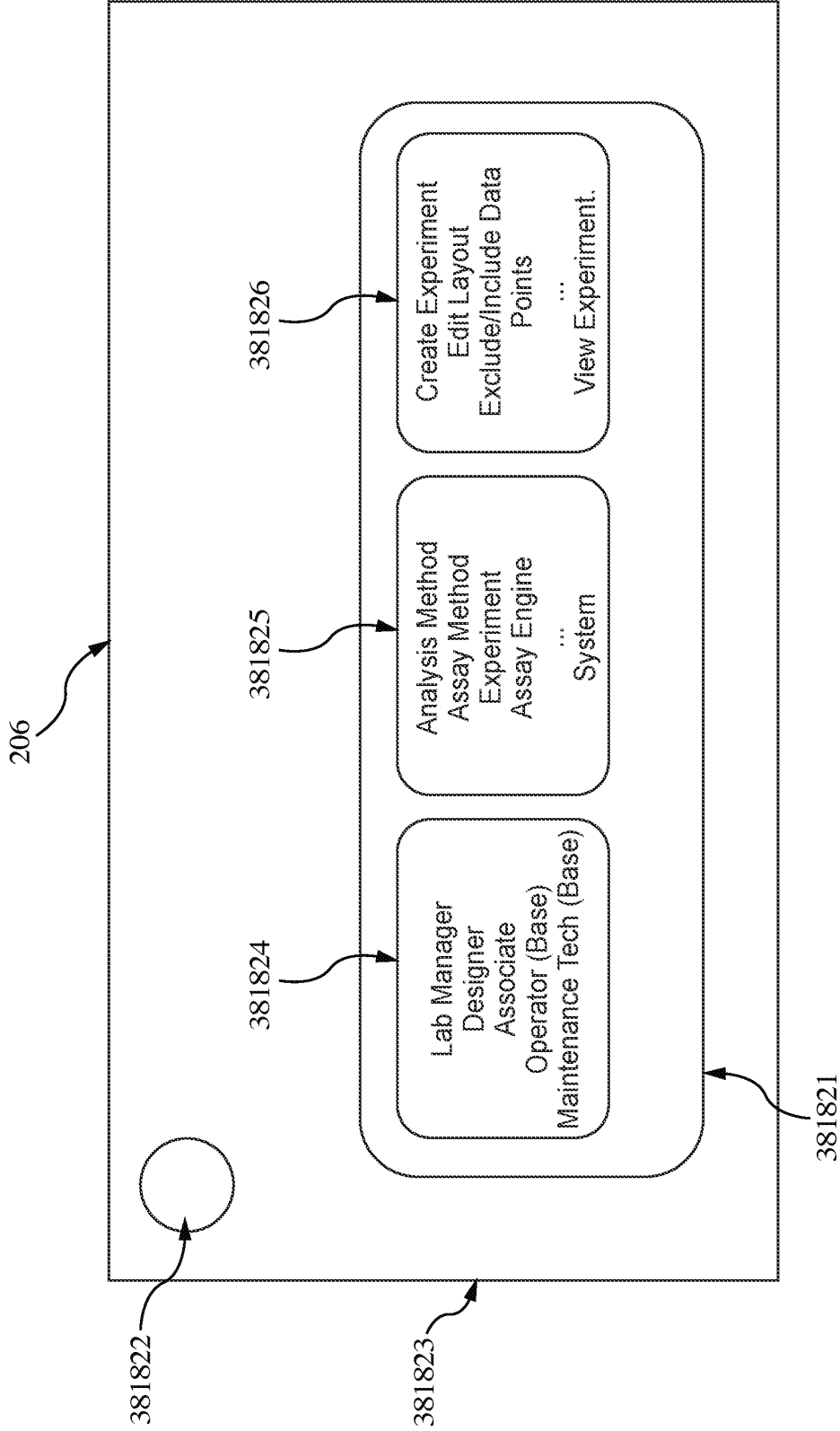


FIG. 38E

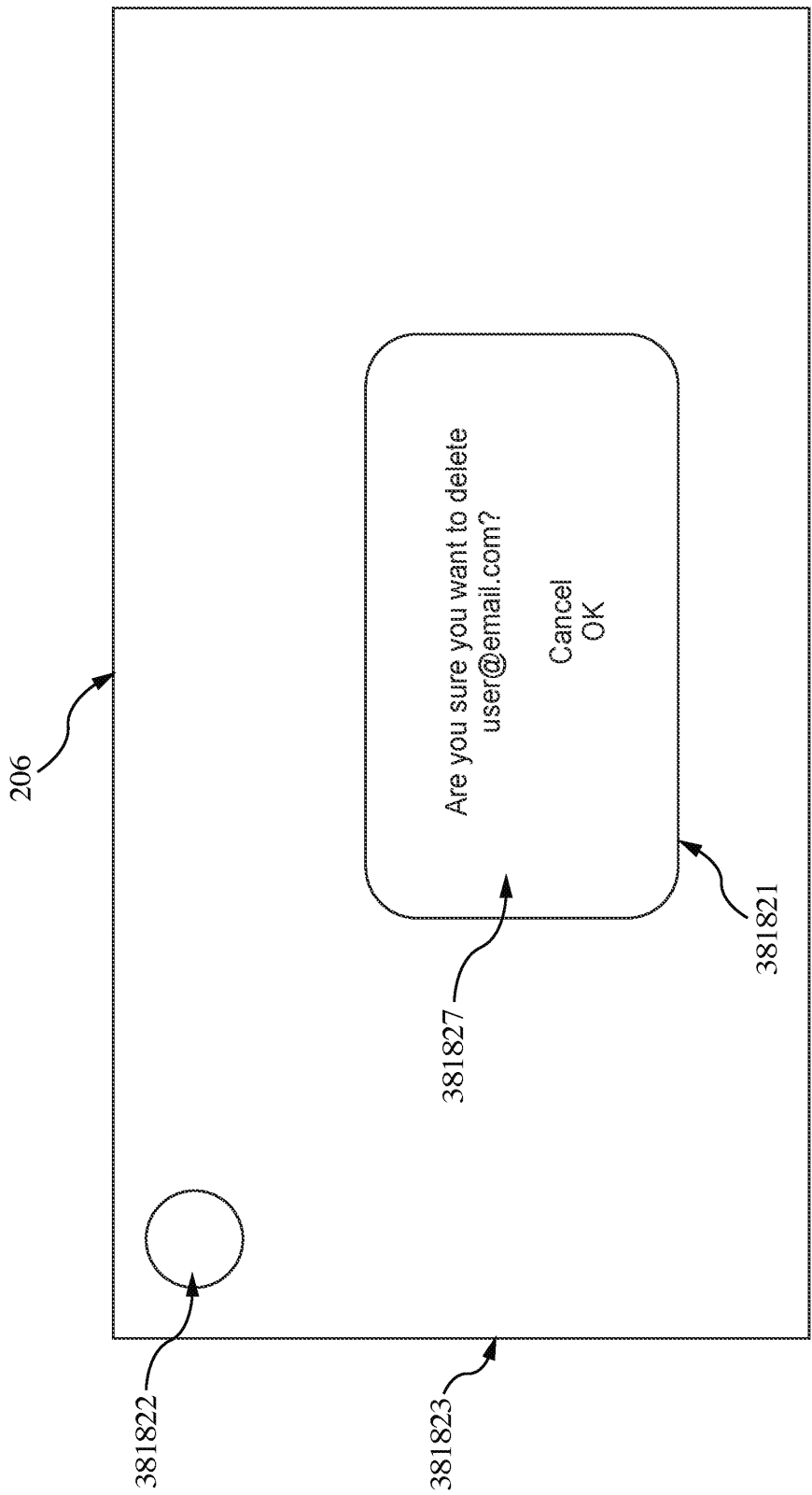


FIG. 38F

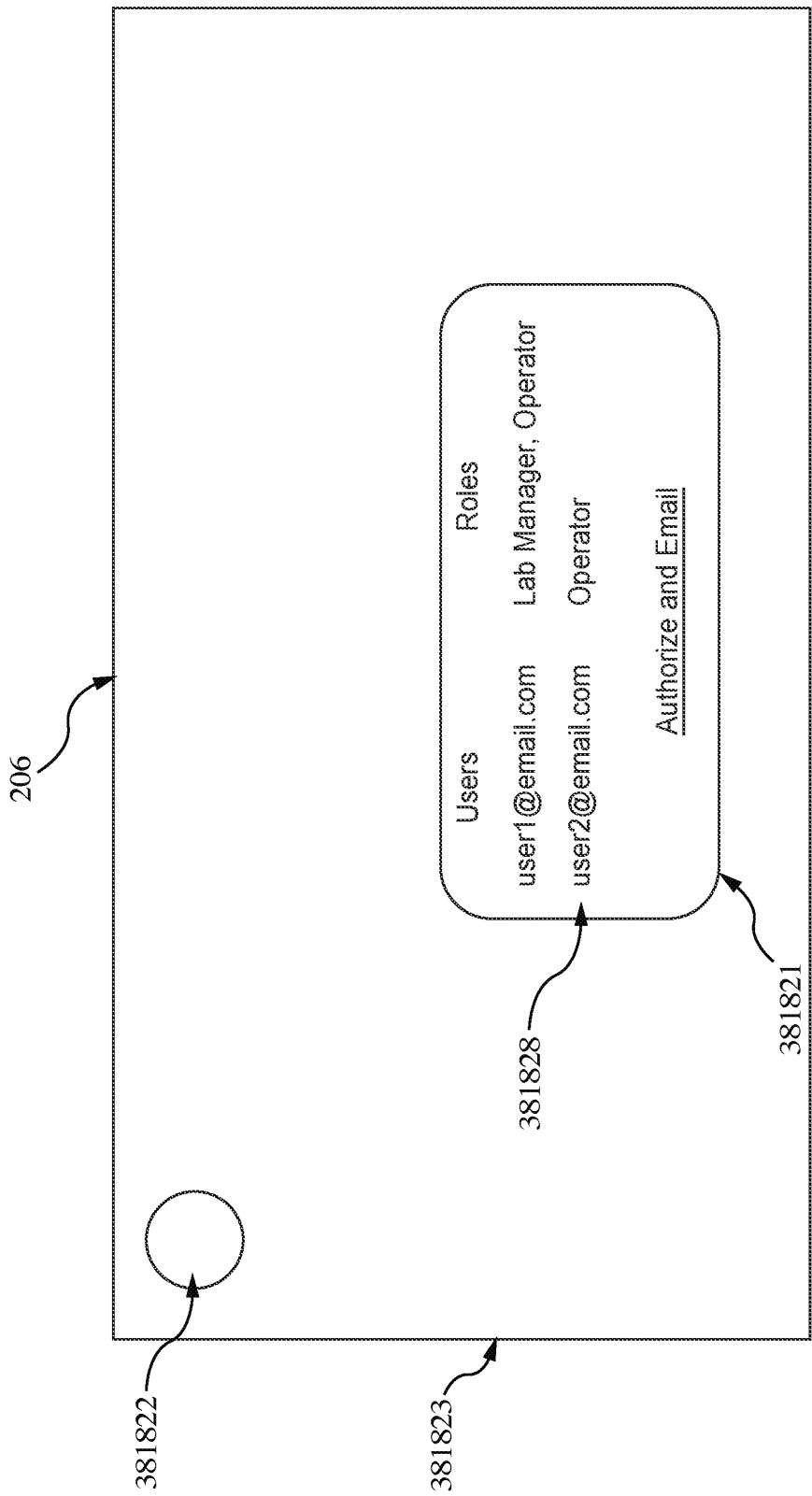


FIG. 38G

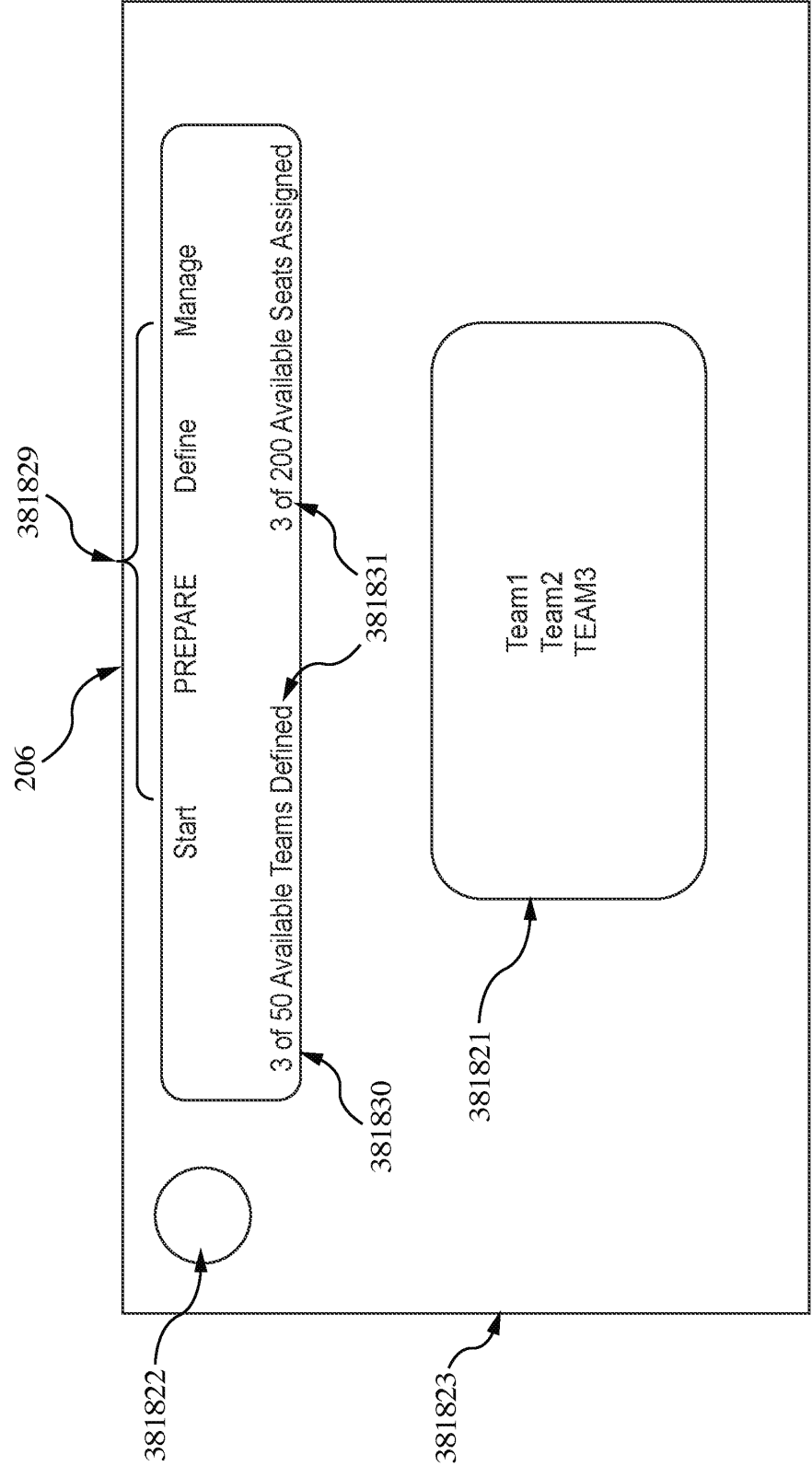


FIG. 38H

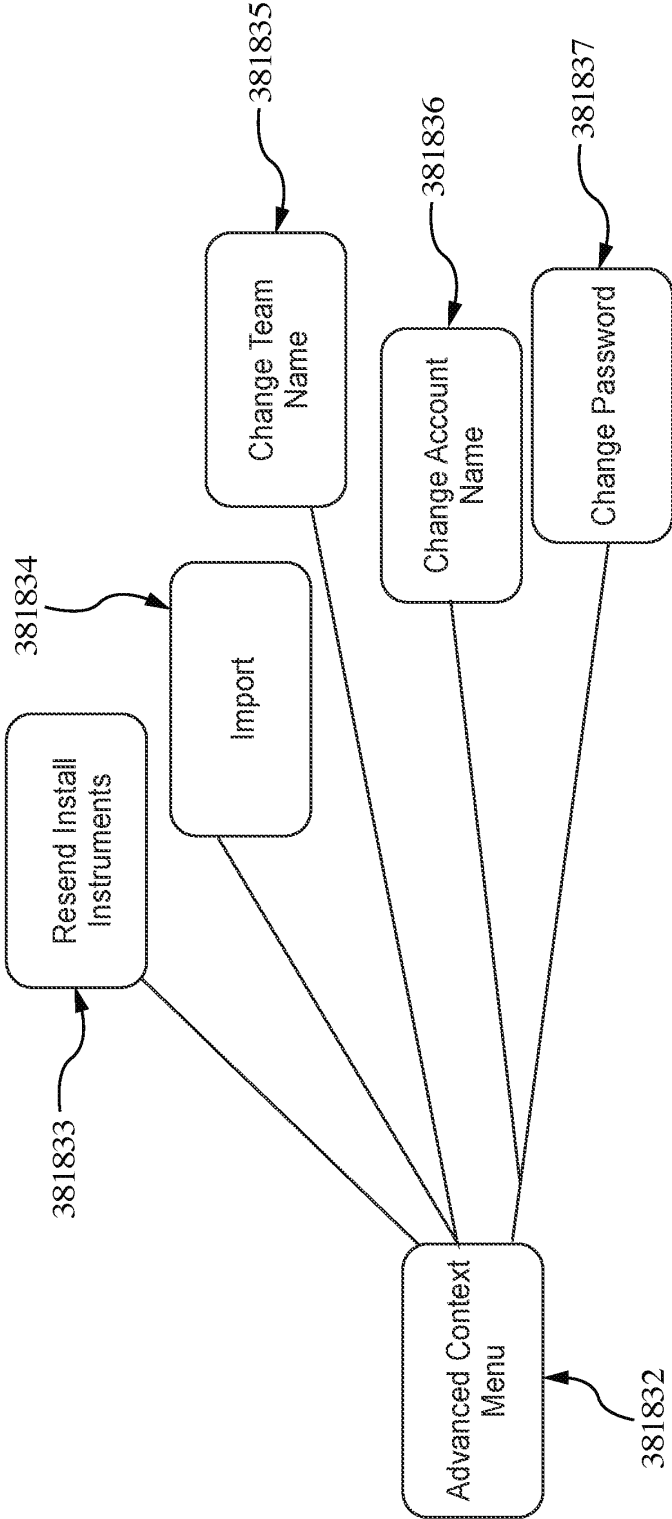


FIG. 38I

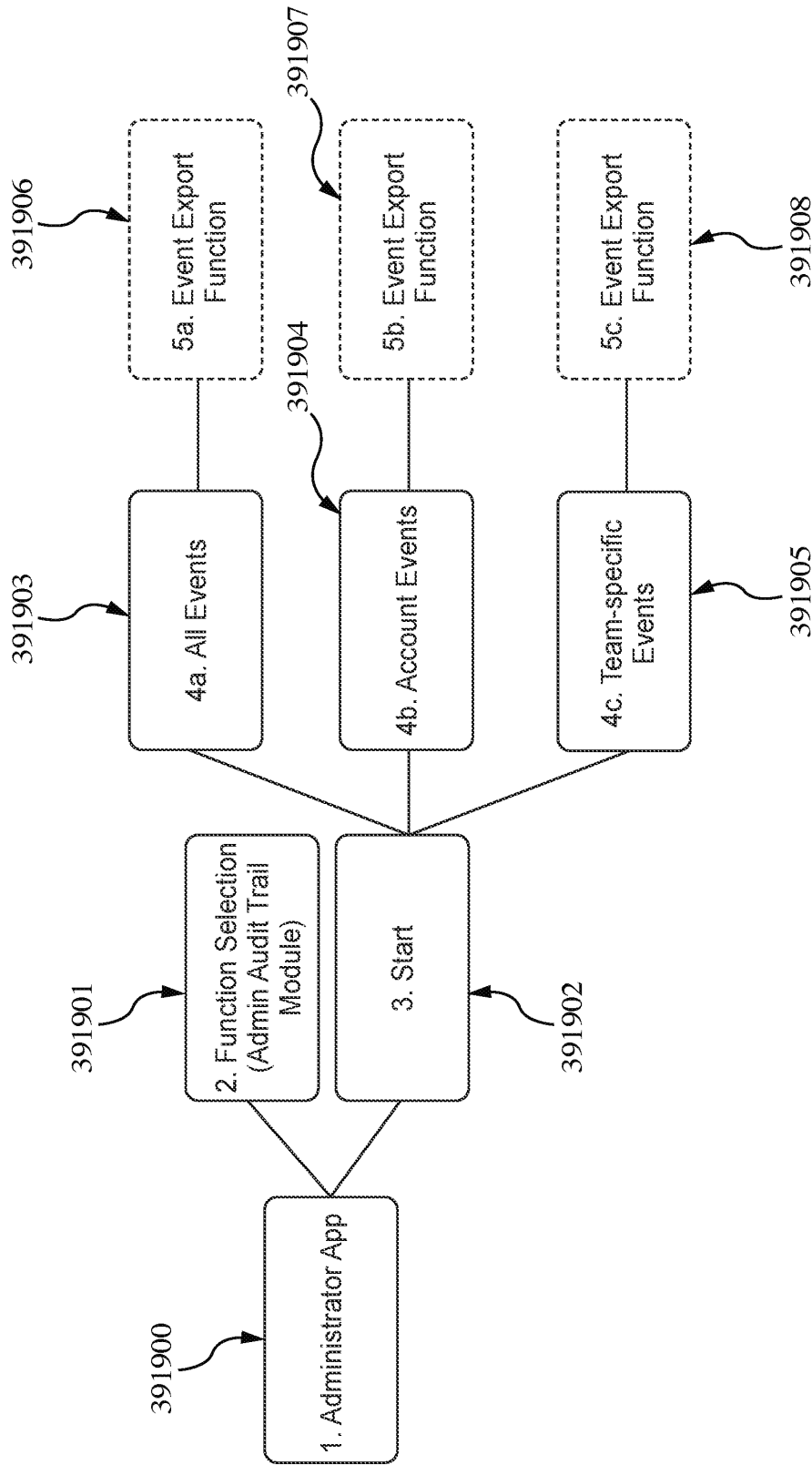


FIG. 39A

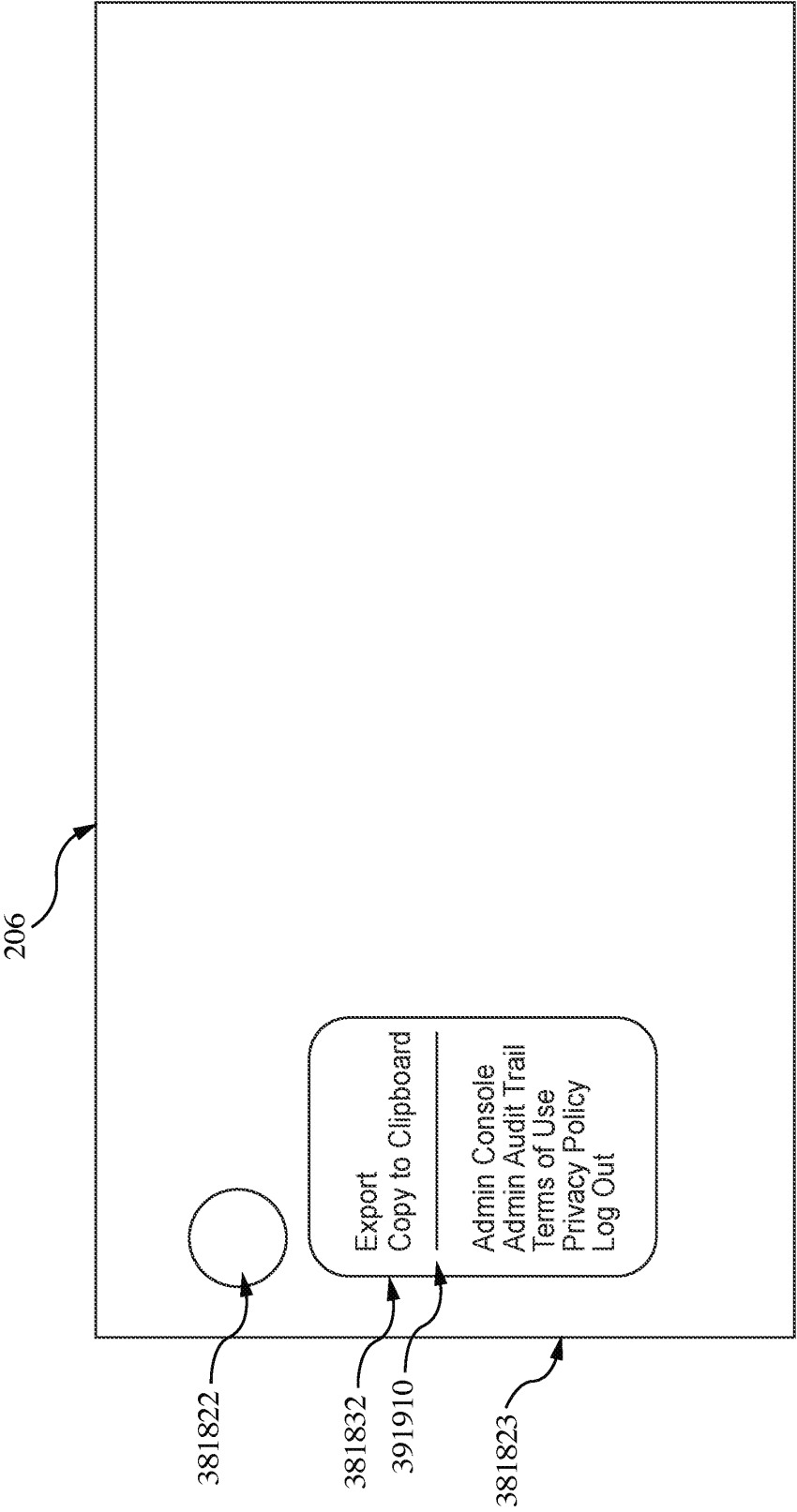


FIG. 39B

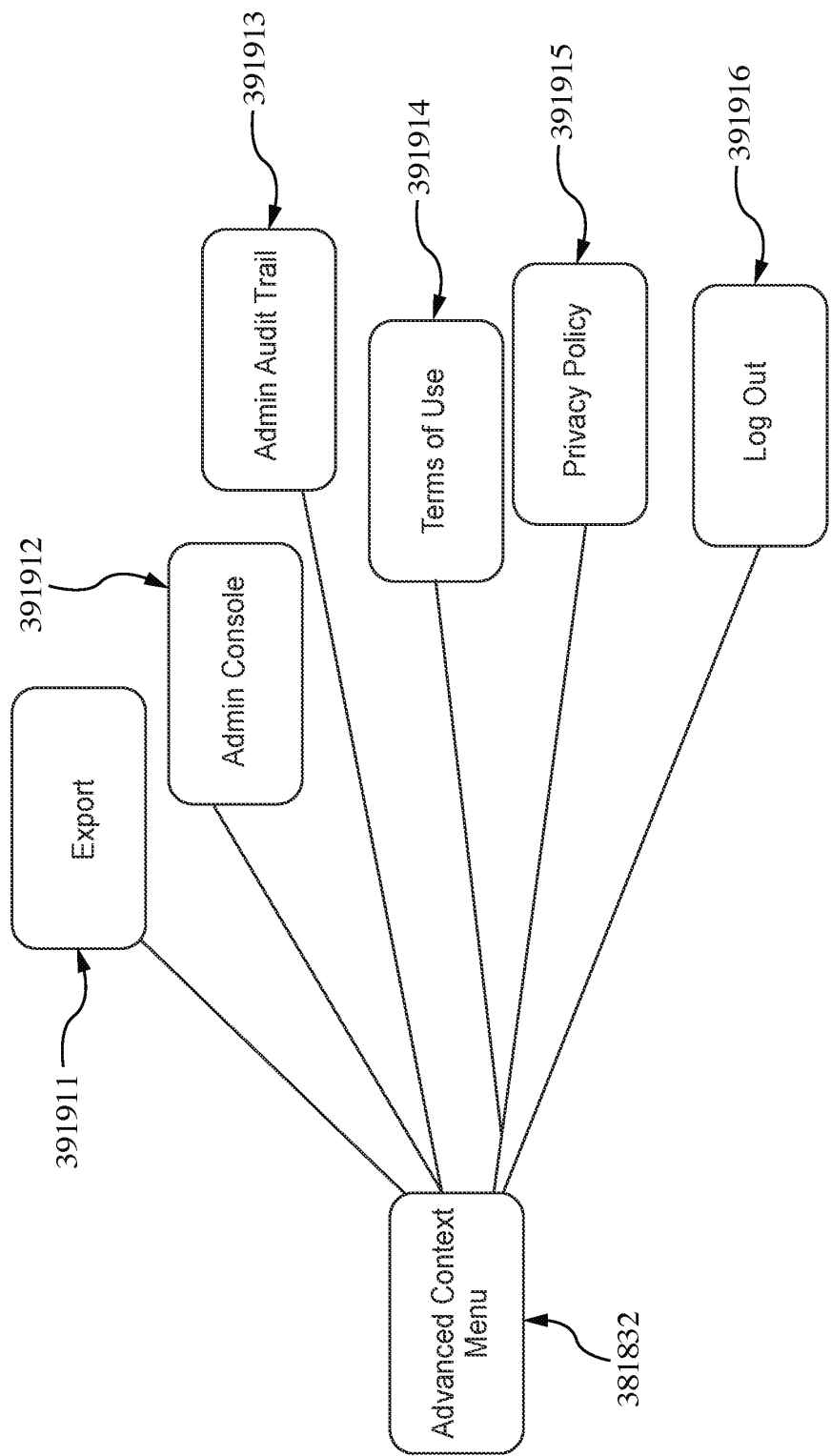


FIG. 39C

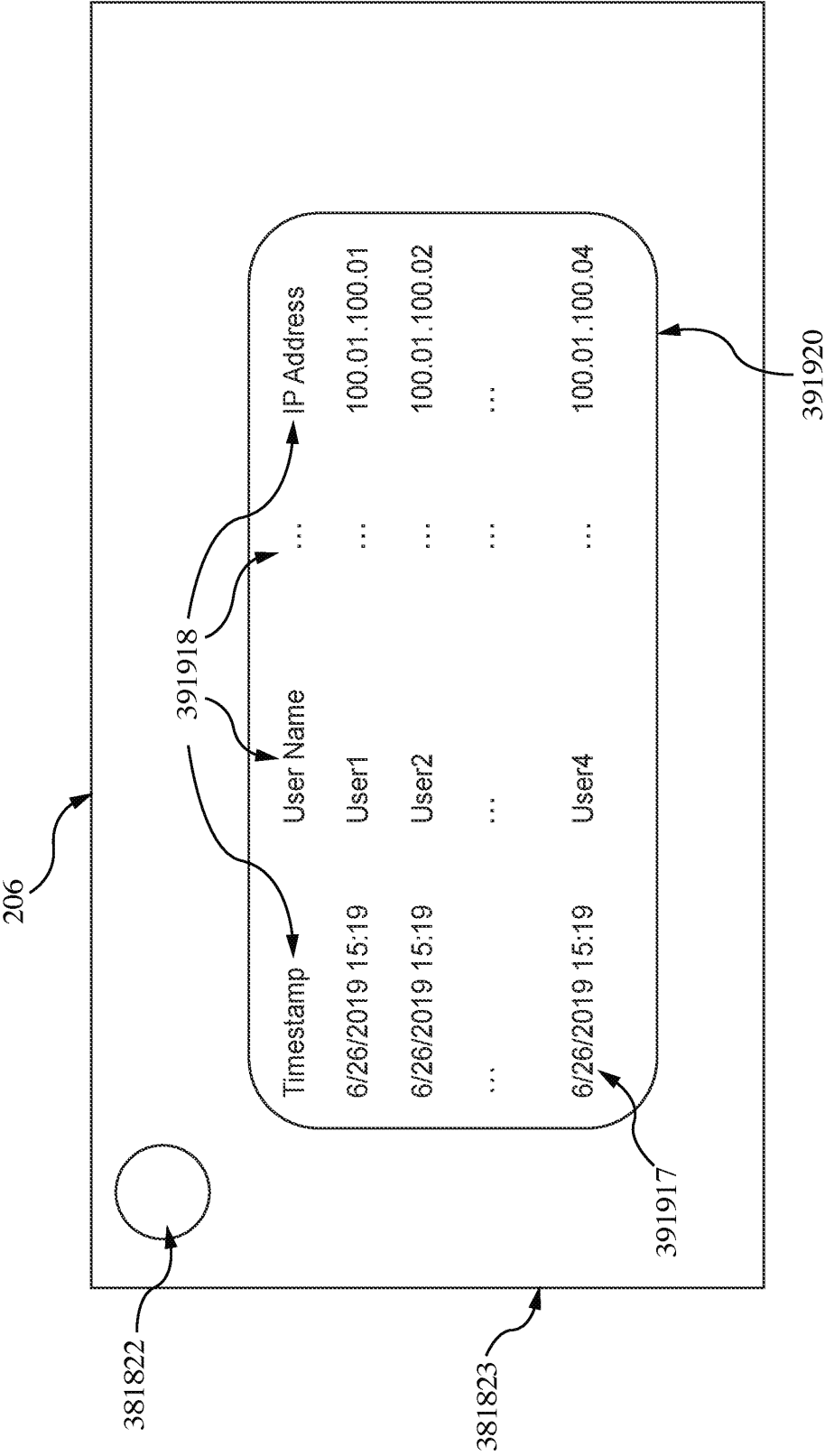


FIG. 39D

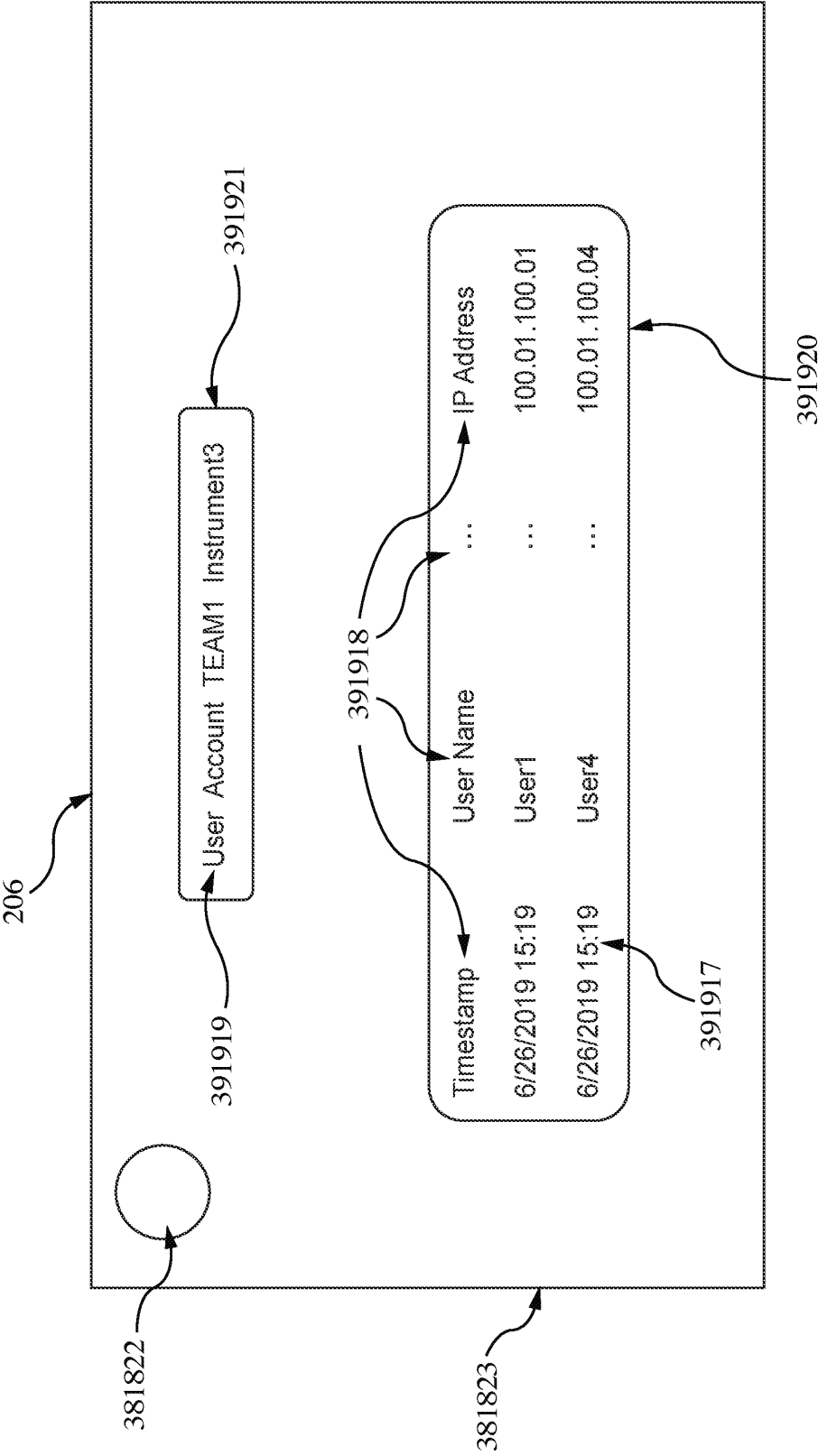


FIG. 39E

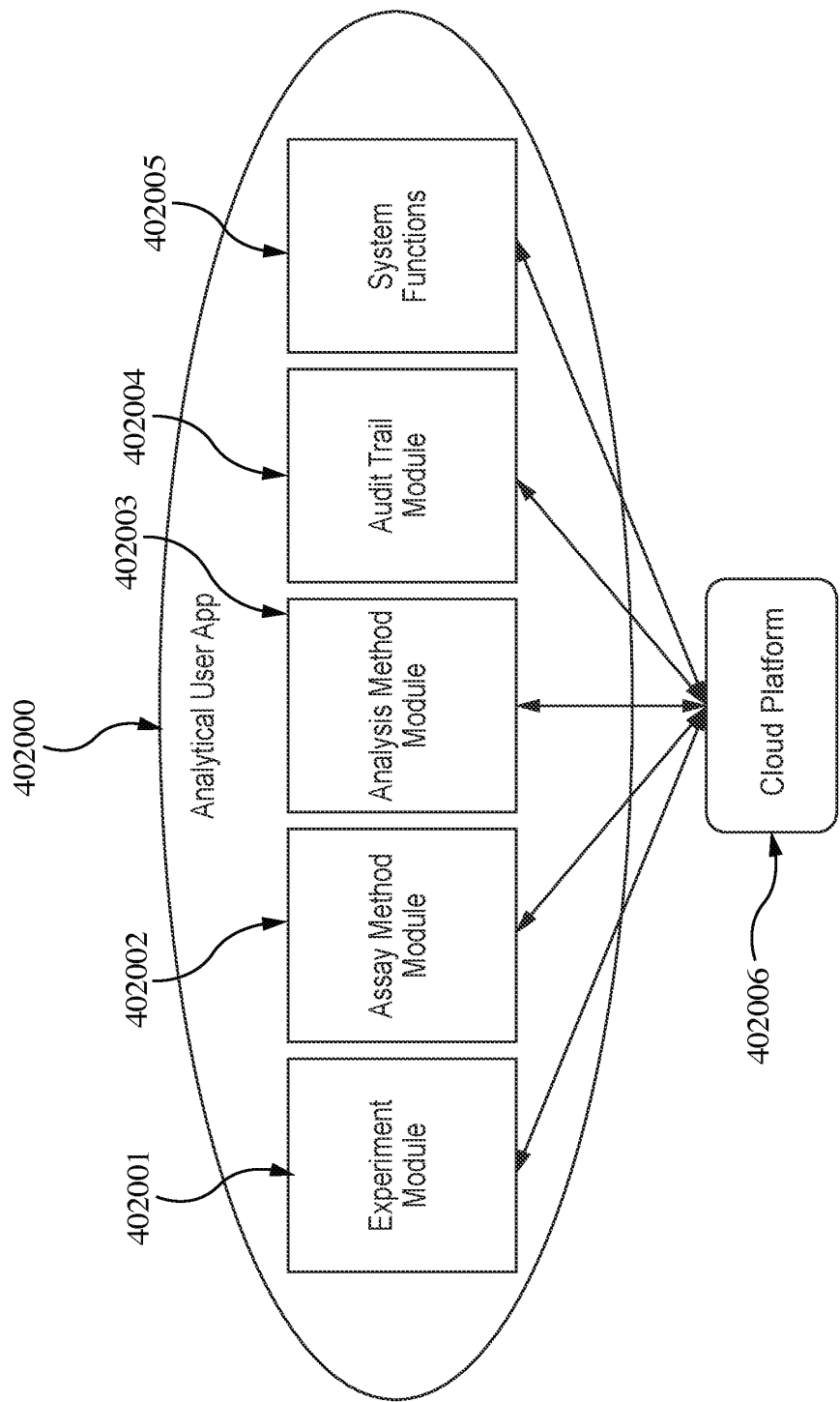


FIG. 40

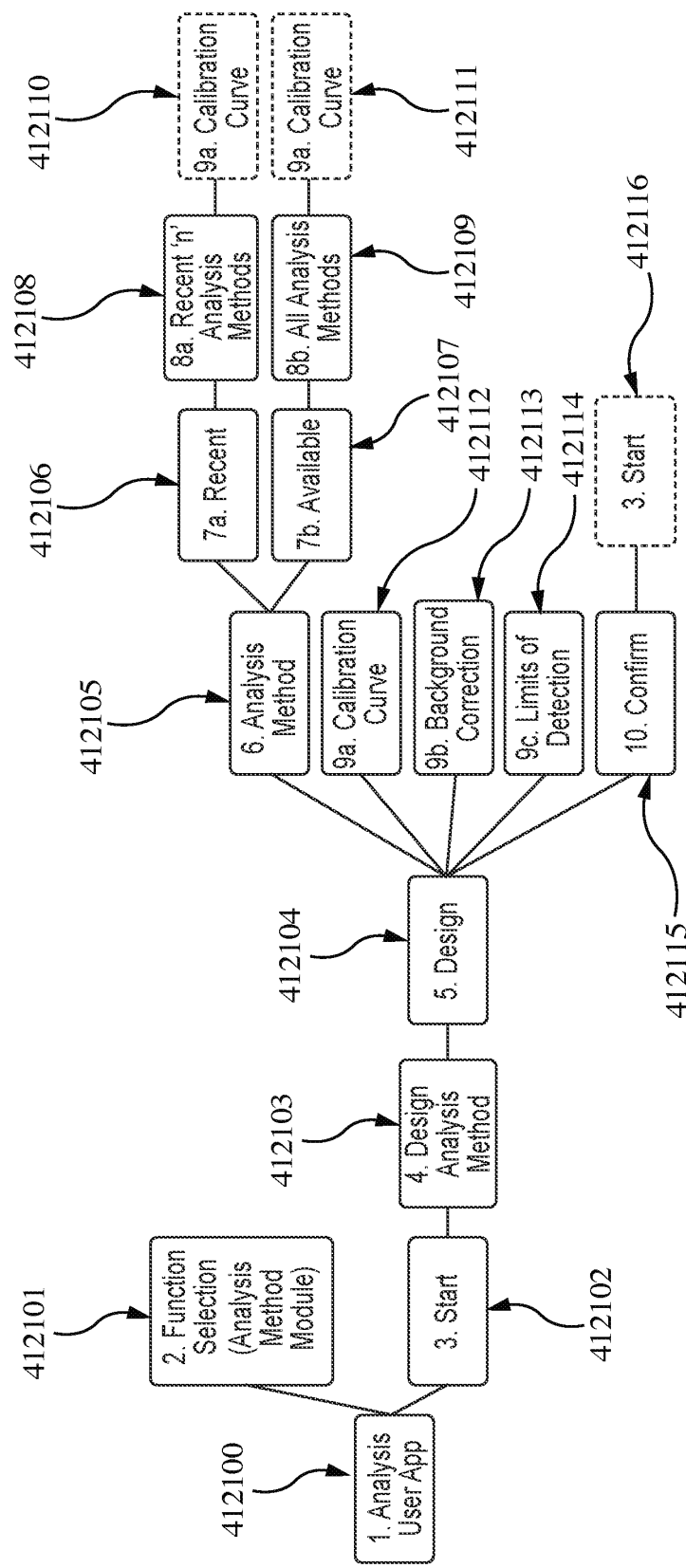


FIG. 41

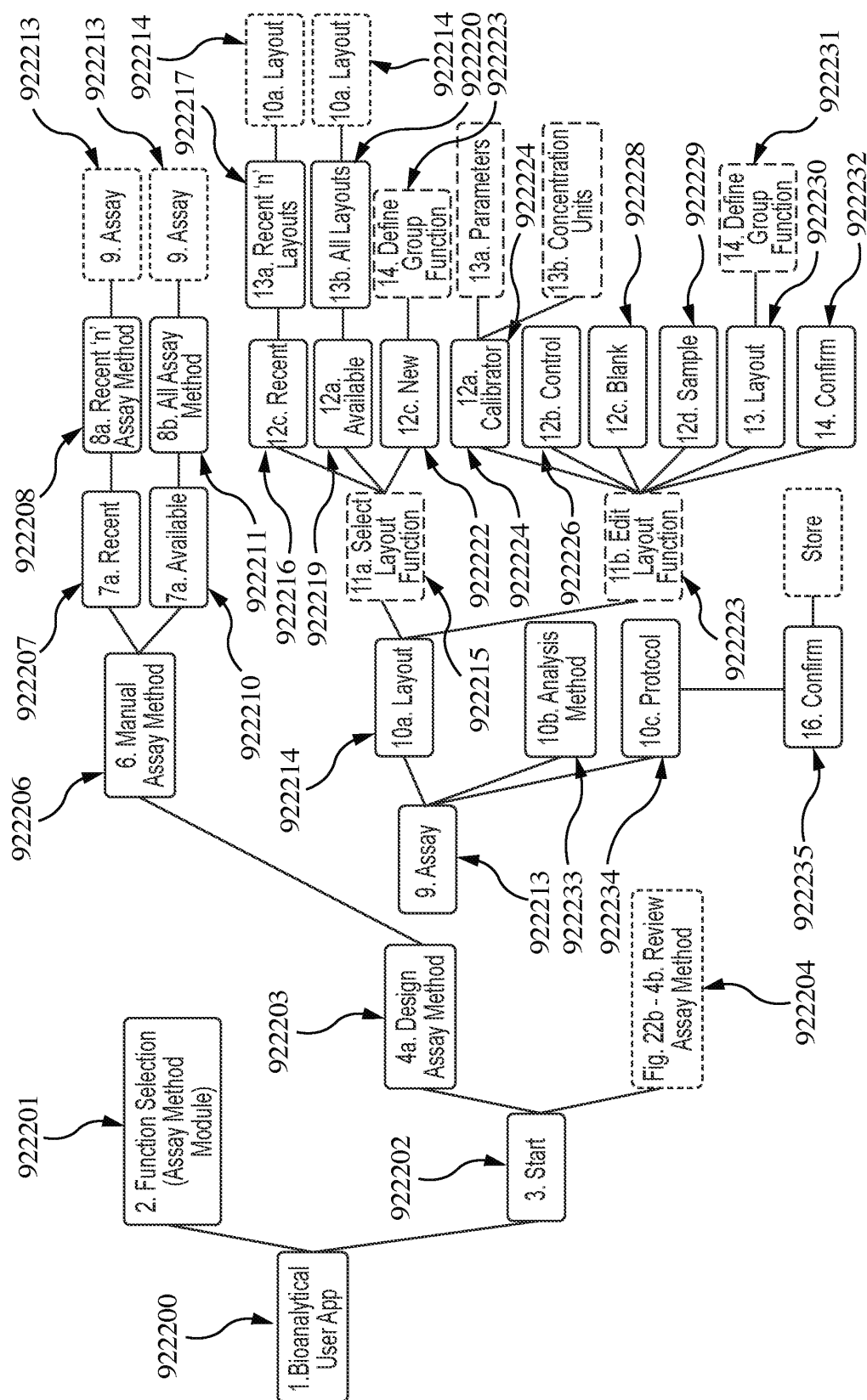


FIG. 42A

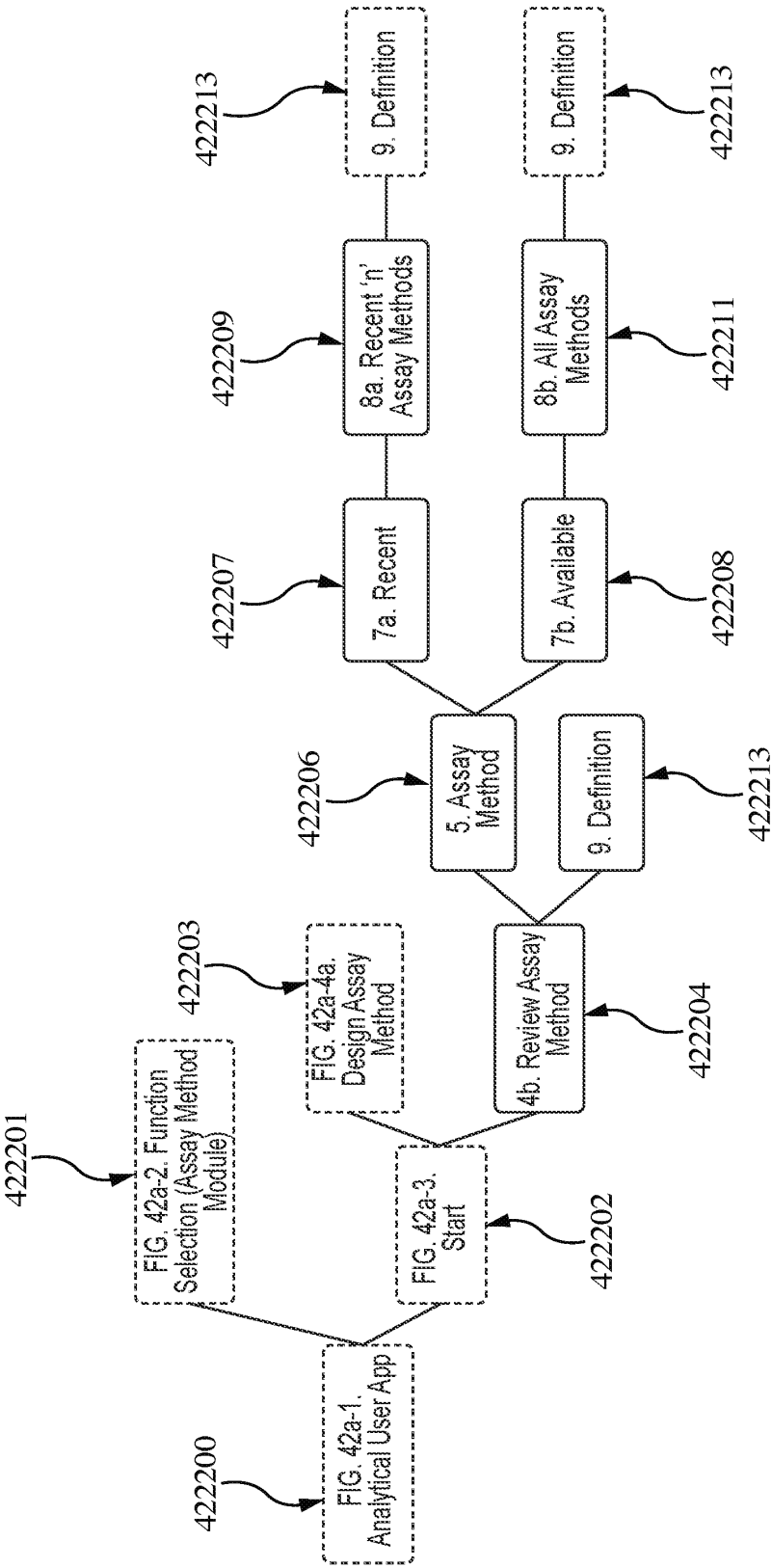


FIG. 42B

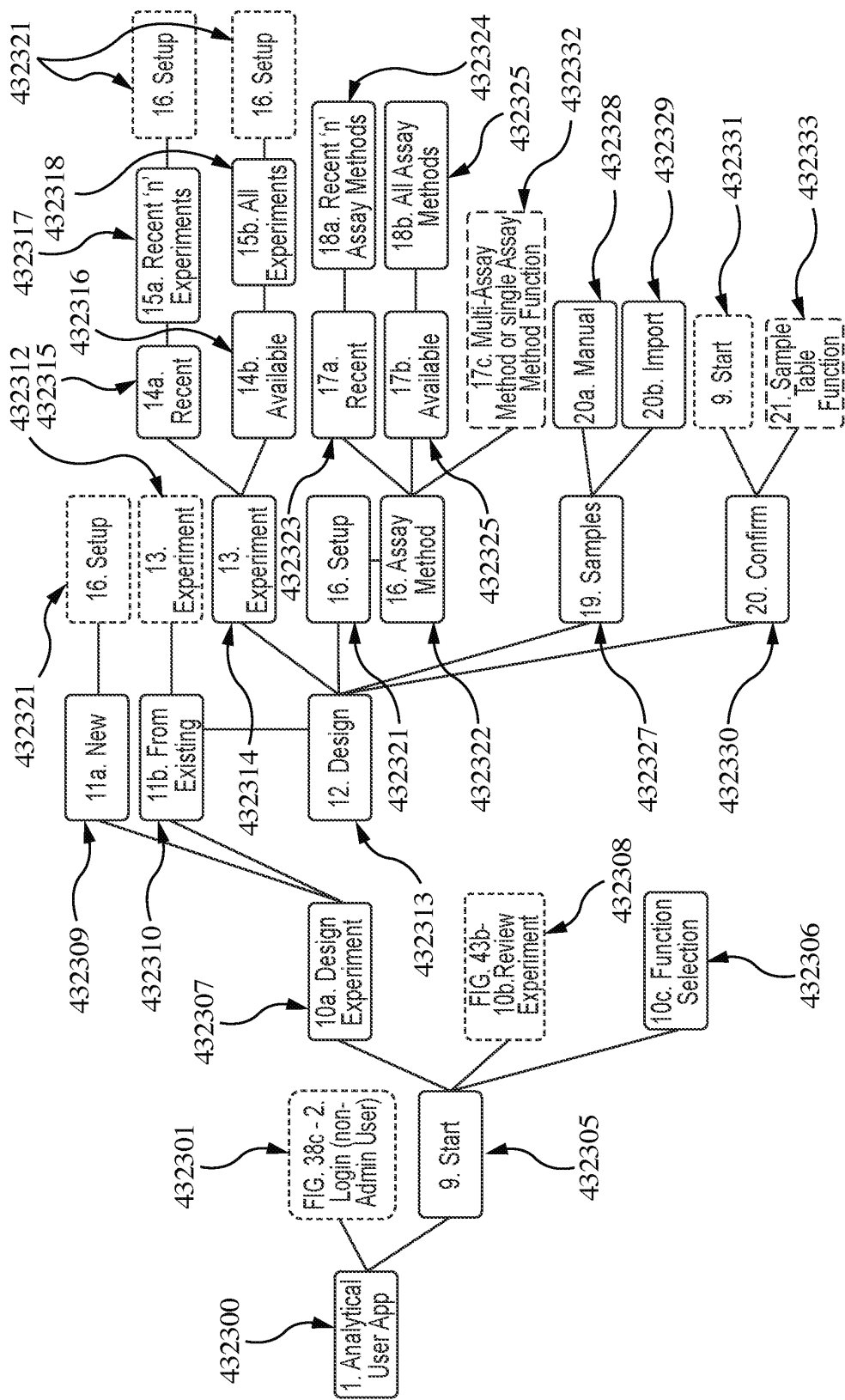


FIG. 43A

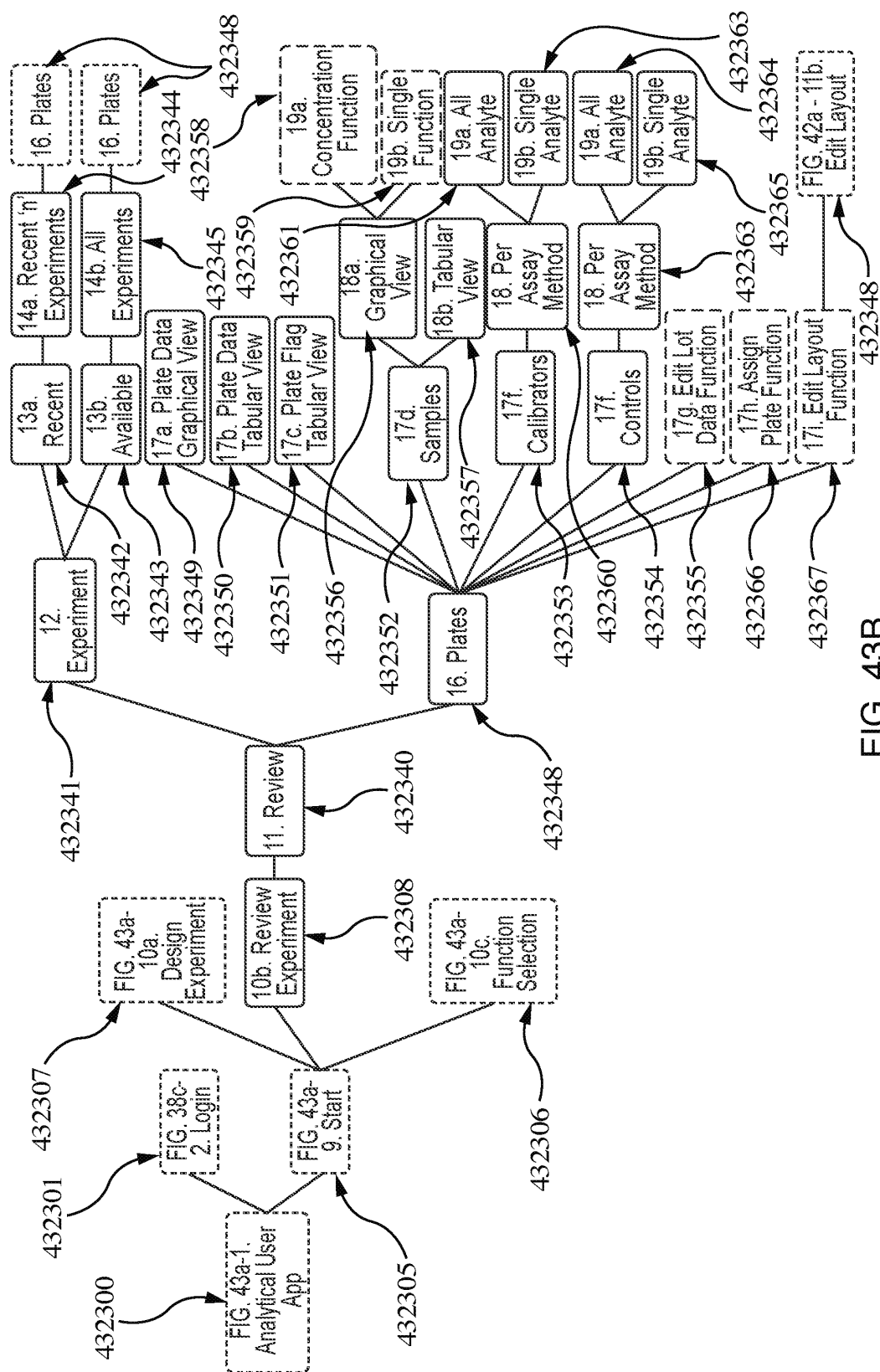


FIG. 43B

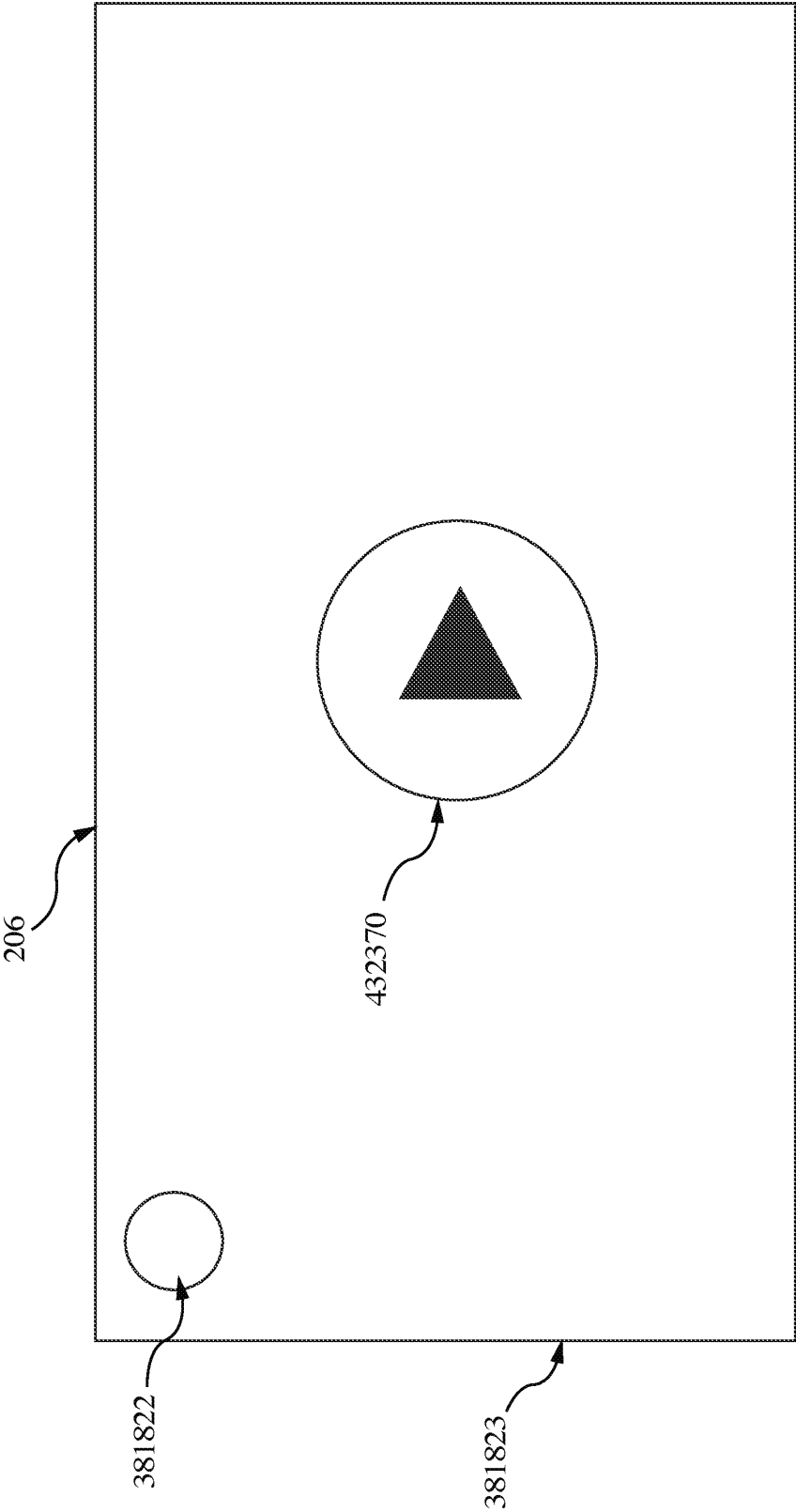


FIG. 43C

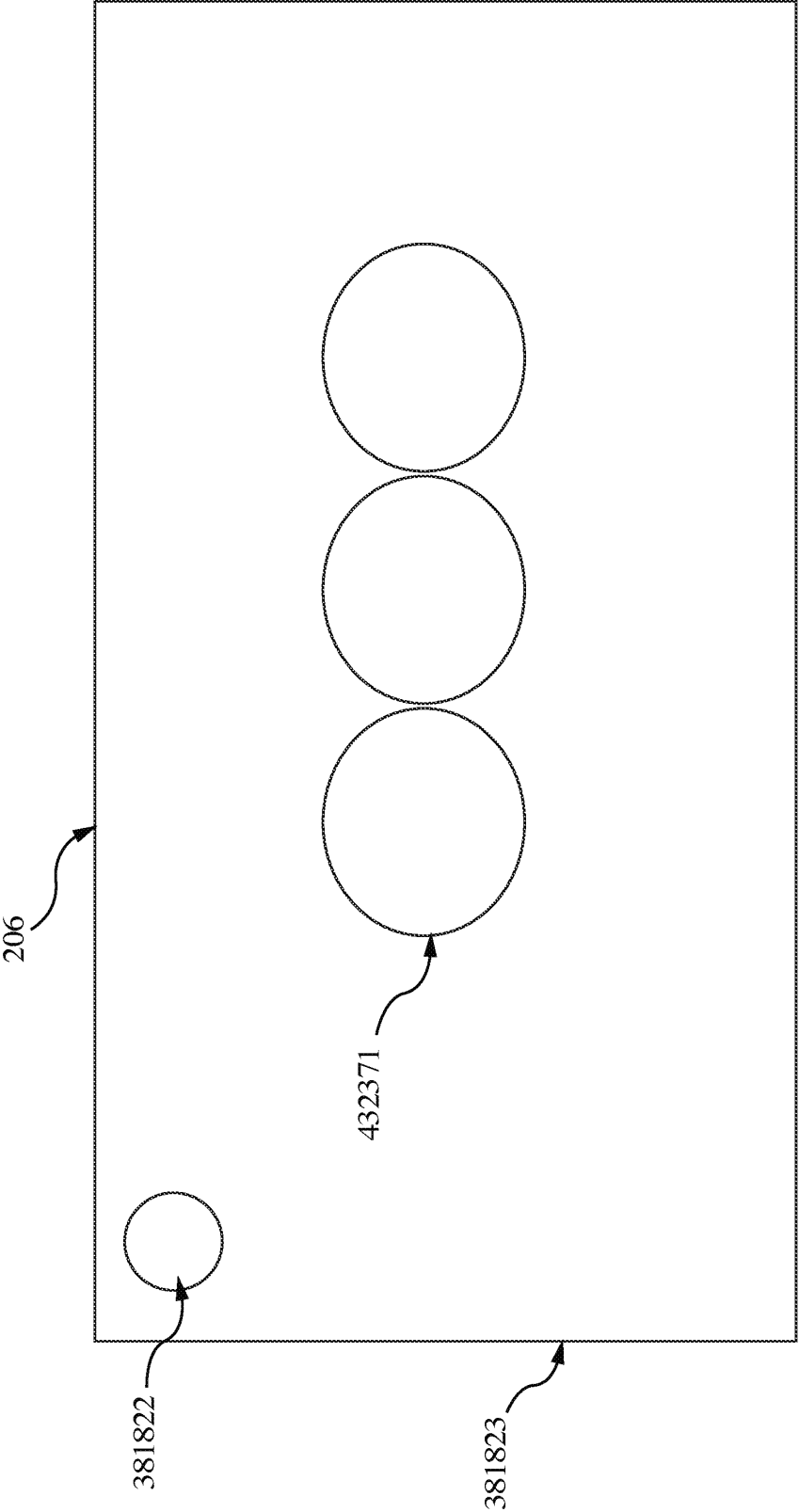


FIG. 43D

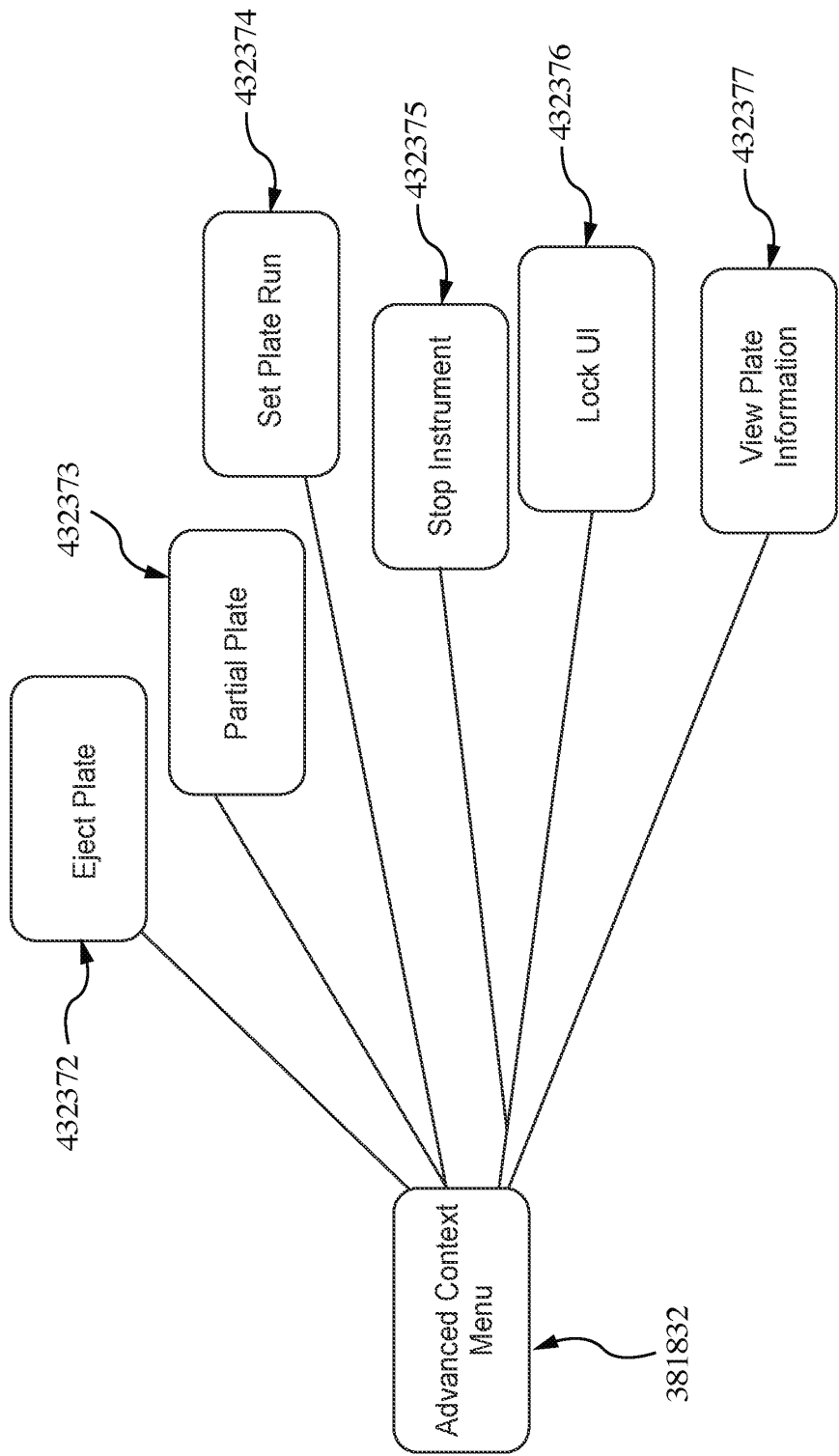


FIG. 43E

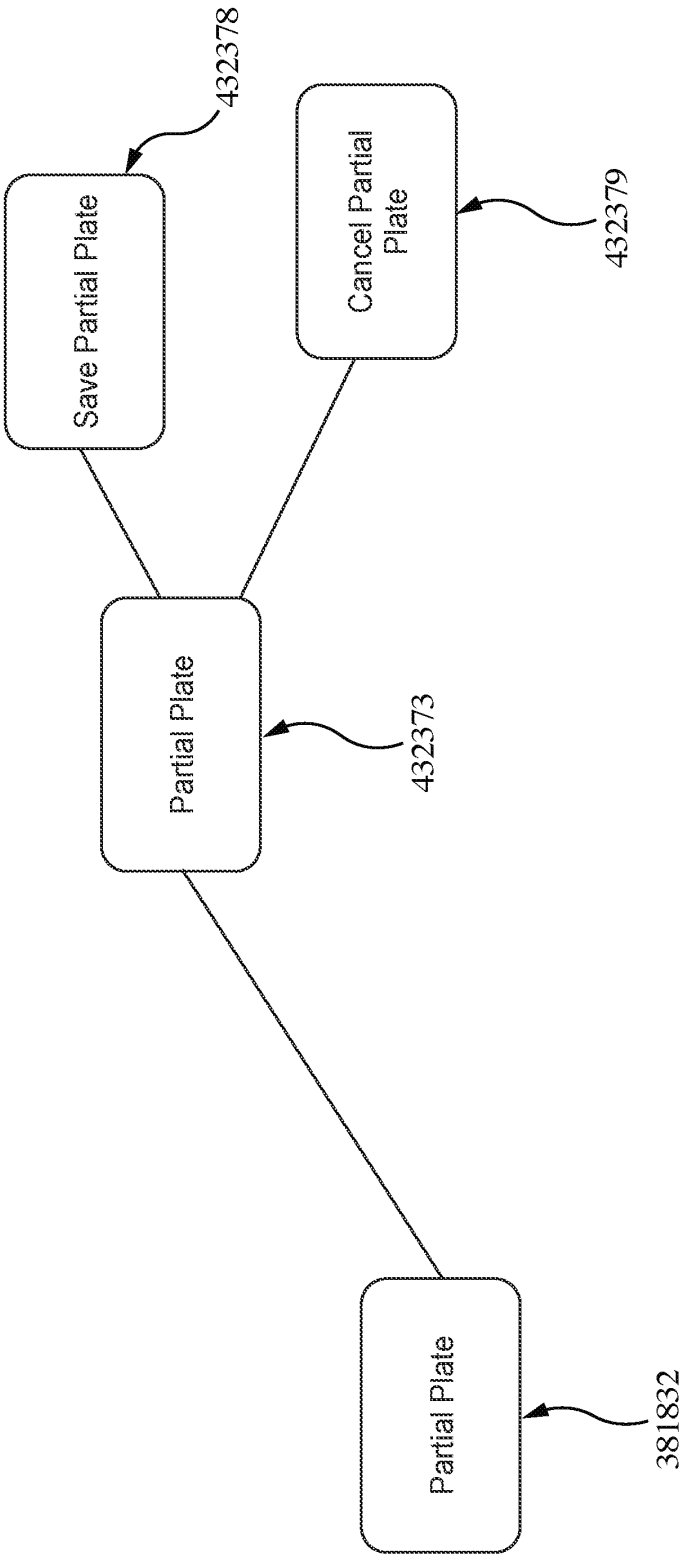


FIG. 43F

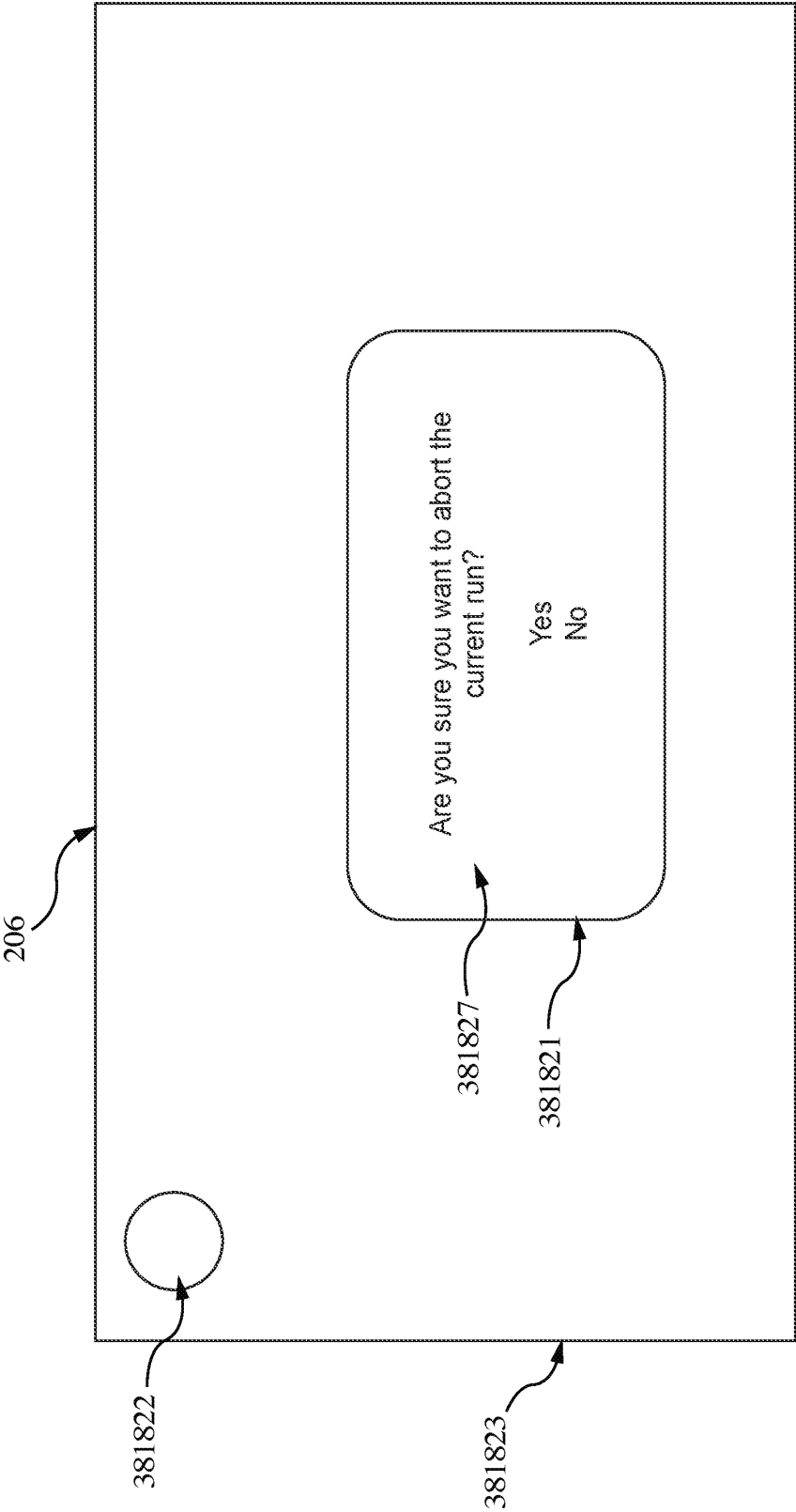


FIG. 43G

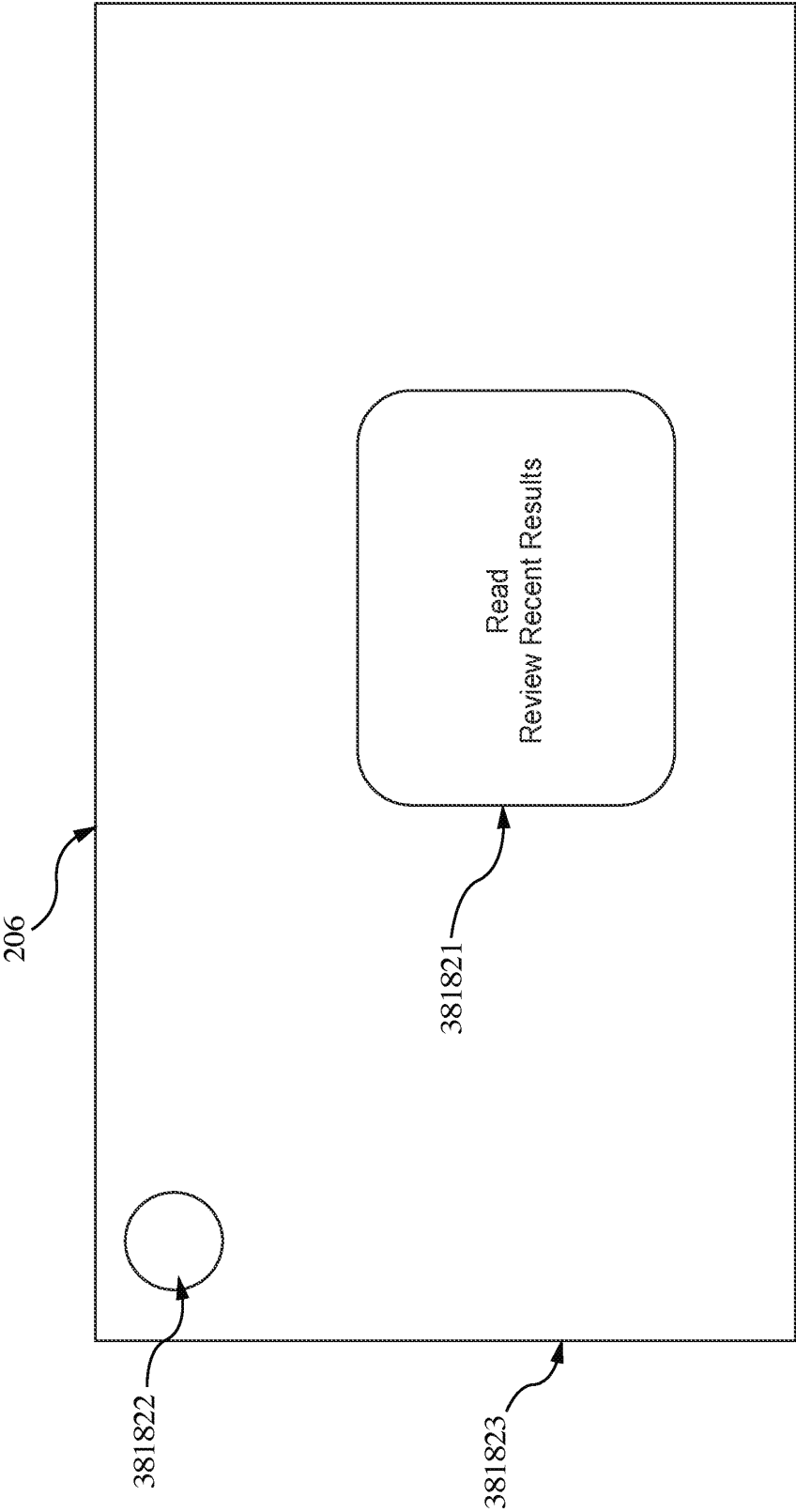


FIG. 43H

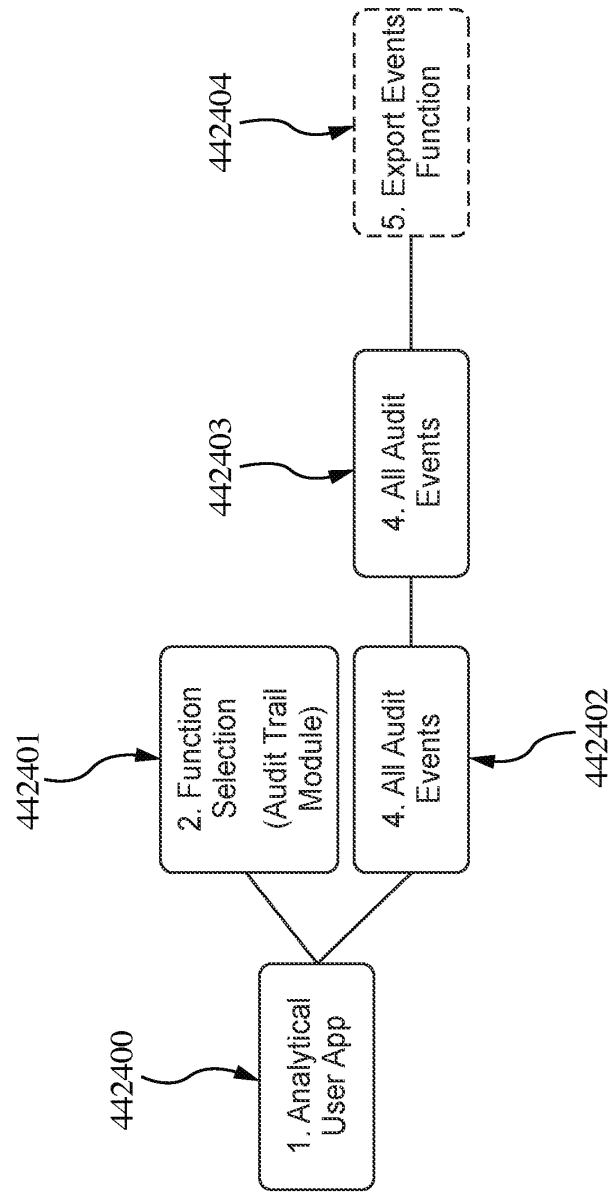


FIG. 44

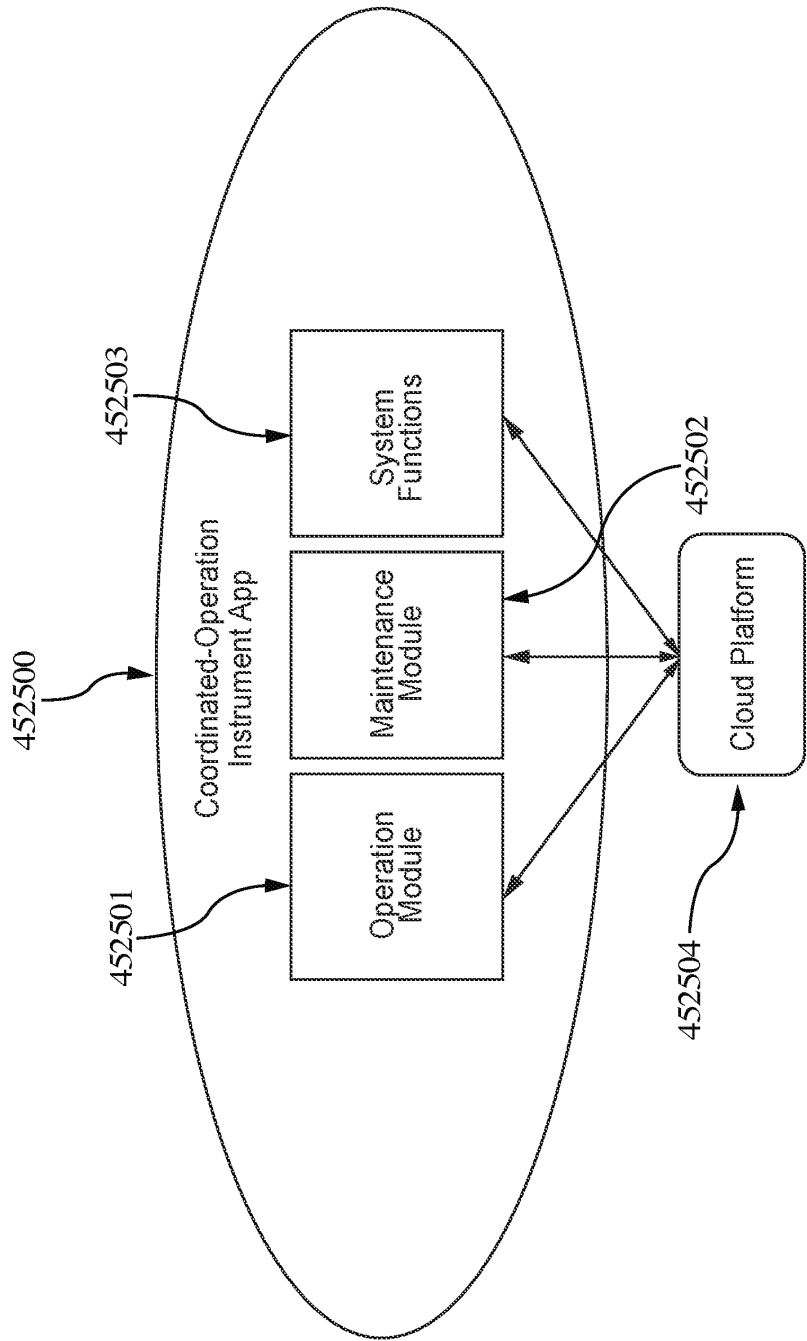


FIG. 45

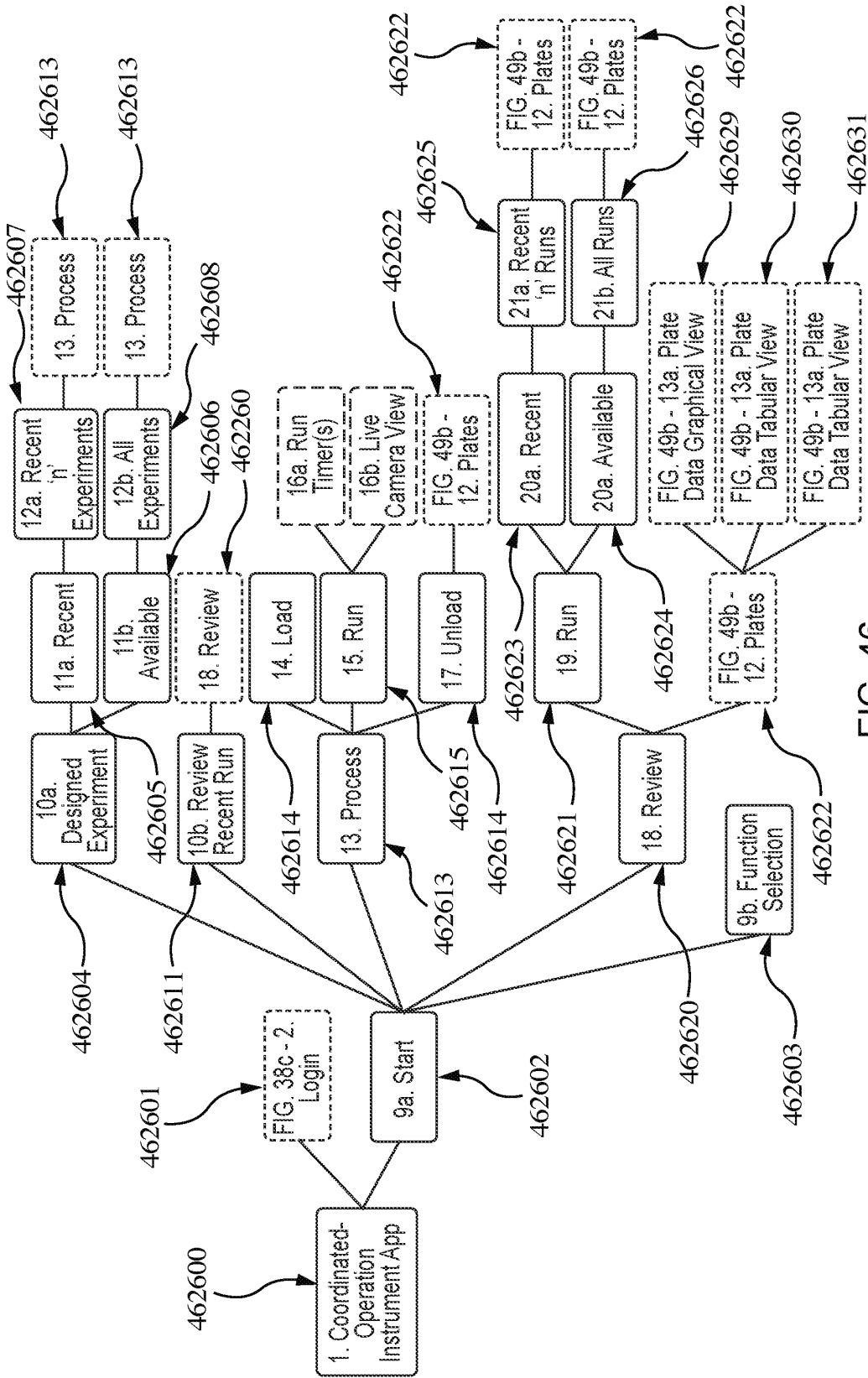


FIG. 46

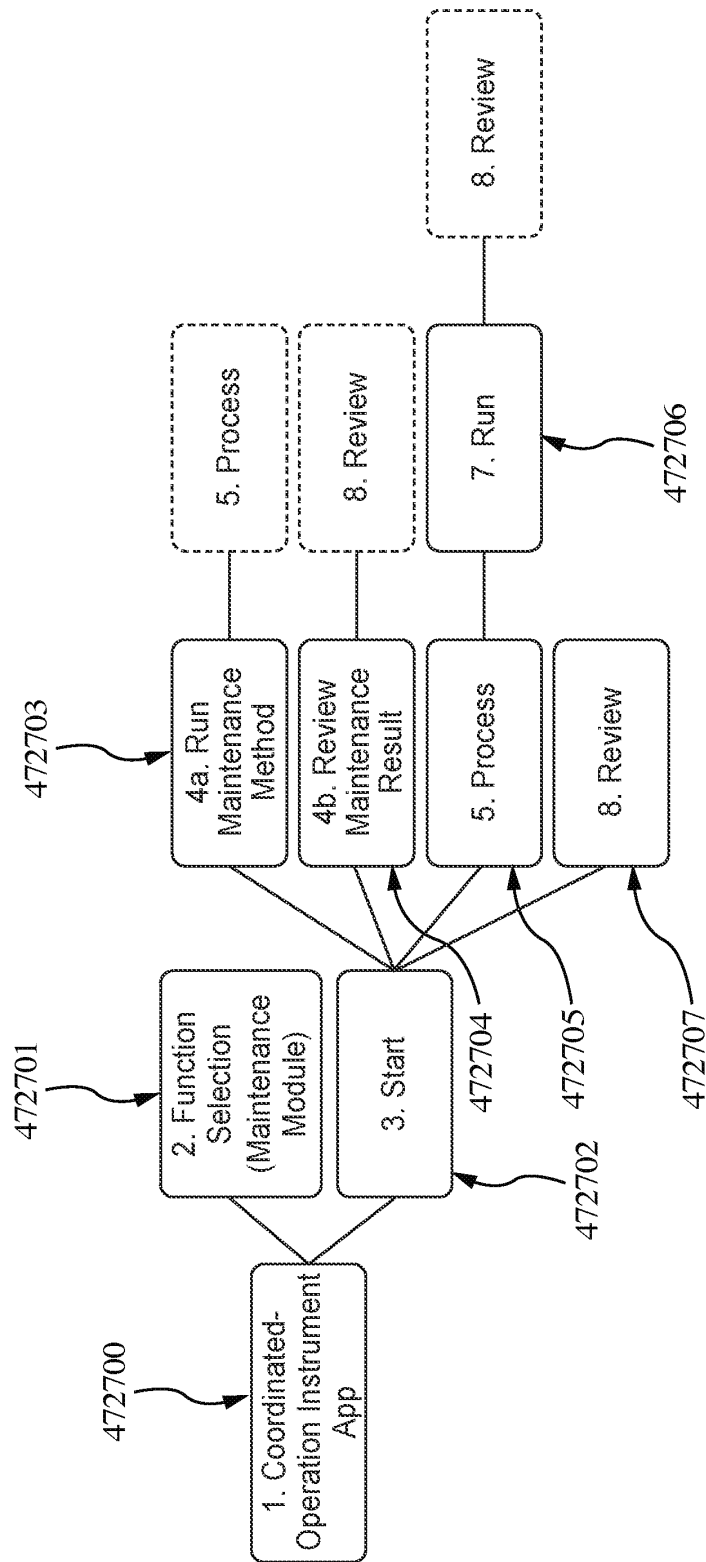


FIG. 47

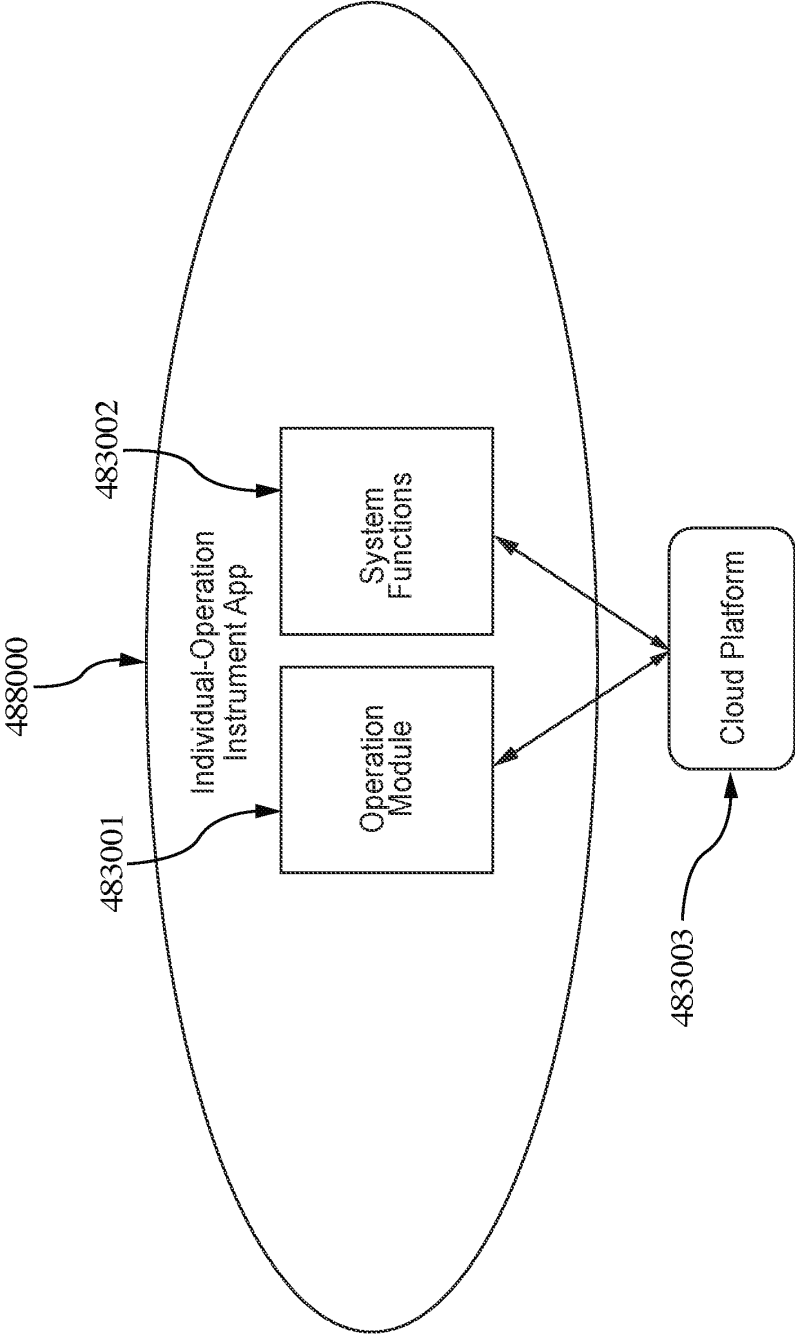


FIG. 48

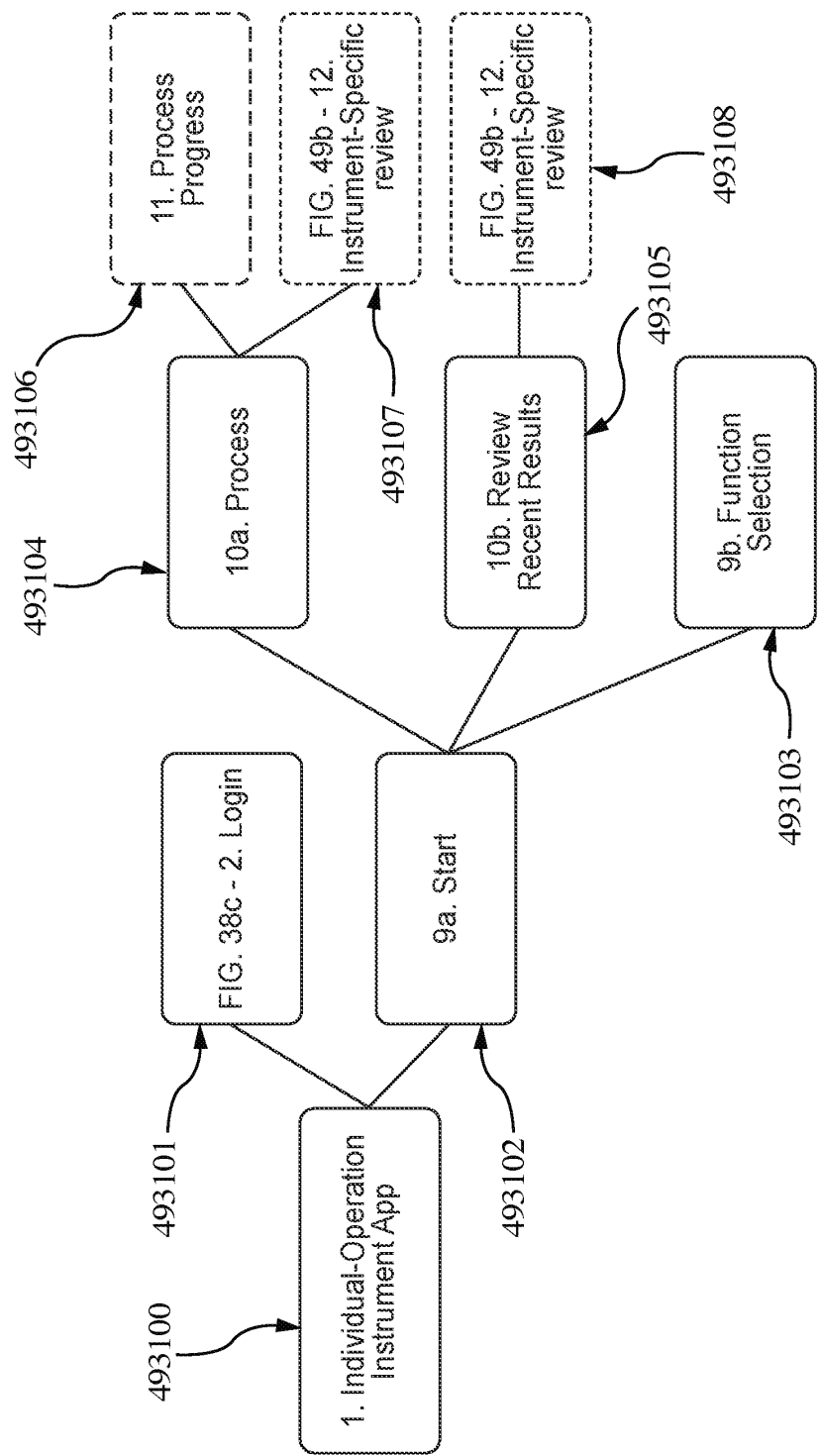


FIG. 49A

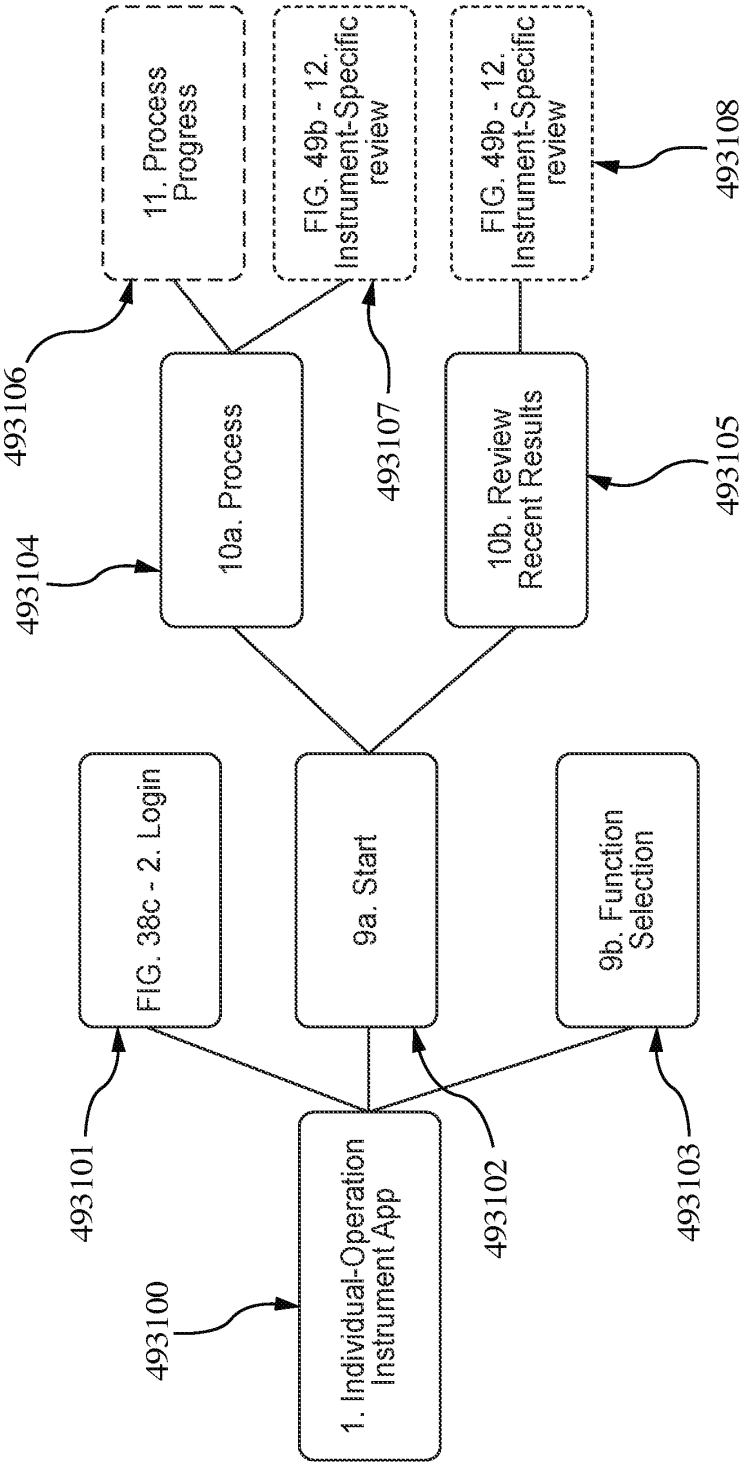


FIG. 49AA

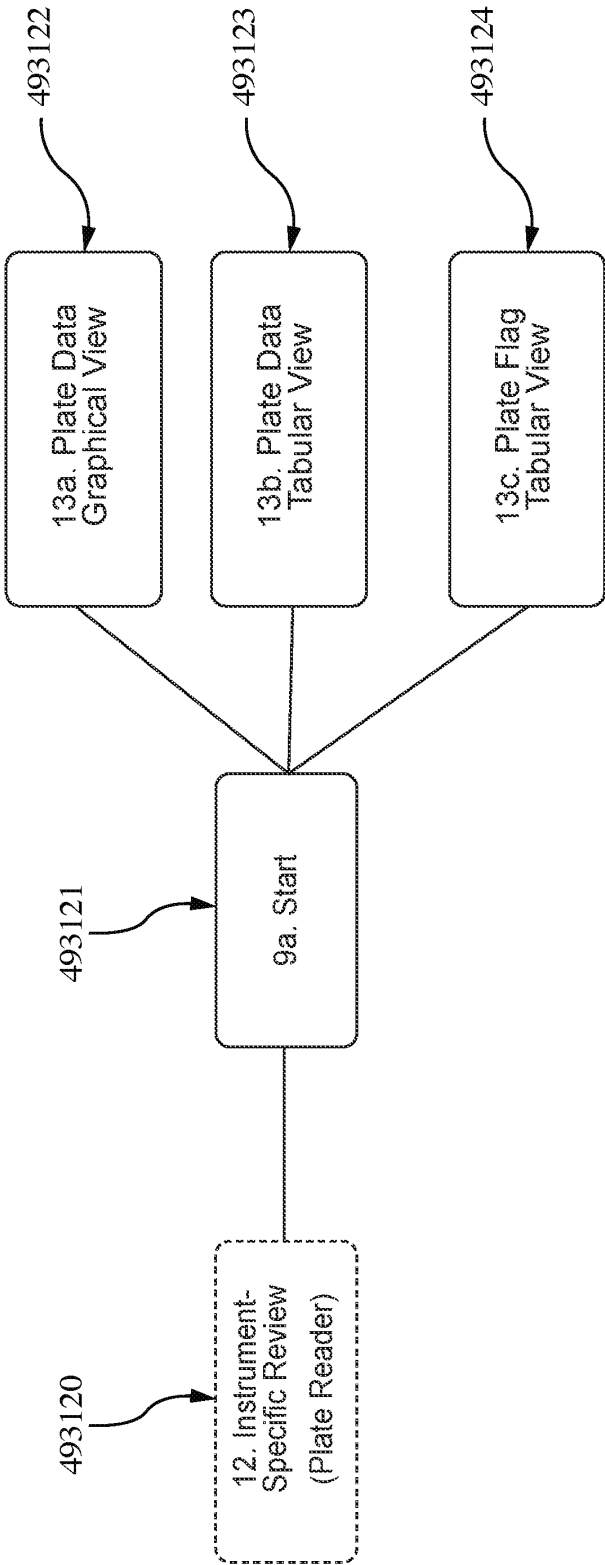


FIG. 49B

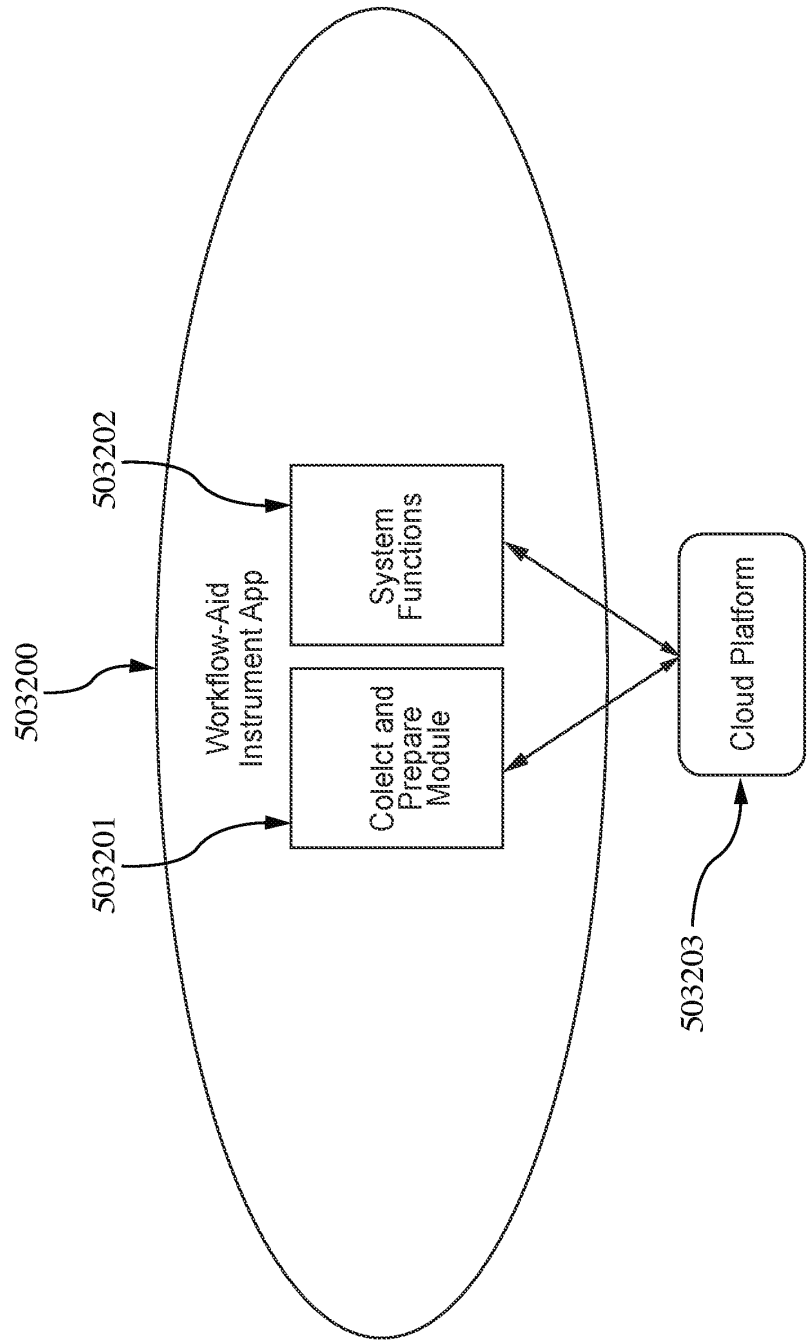


FIG. 50

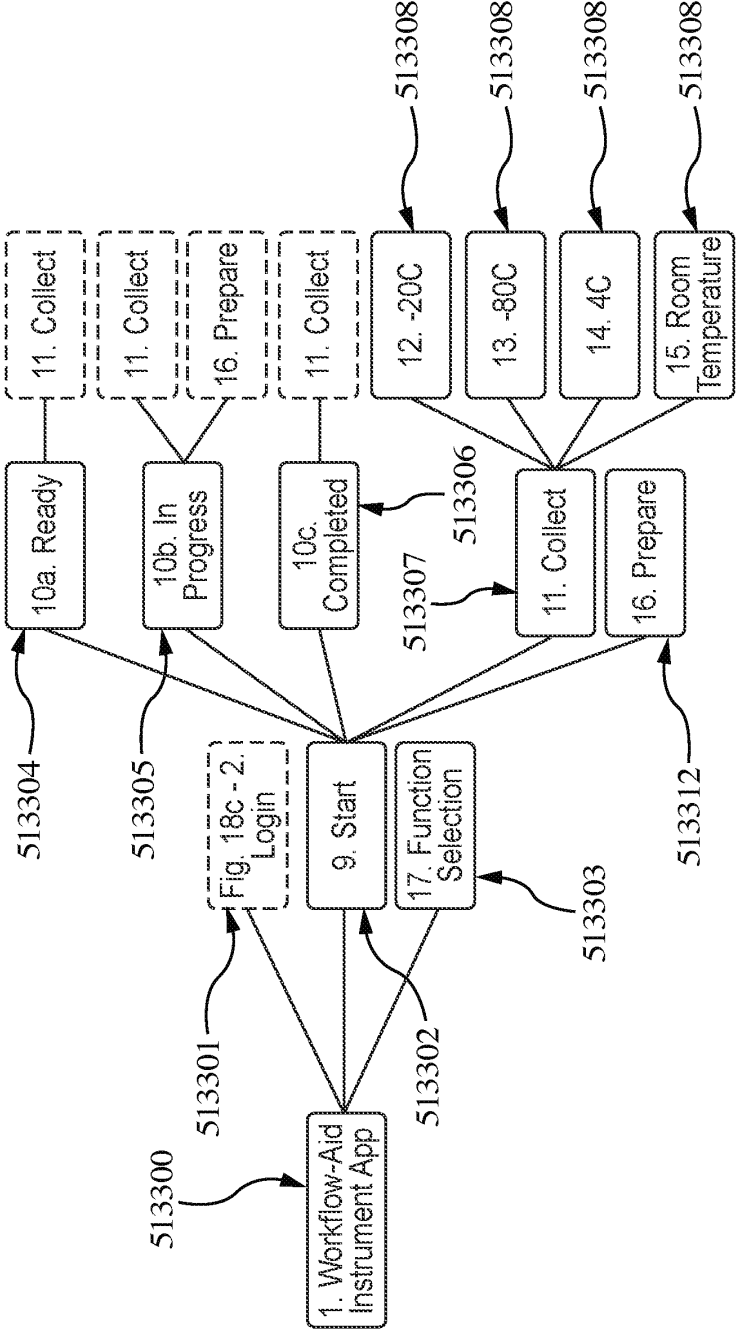


FIG. 51

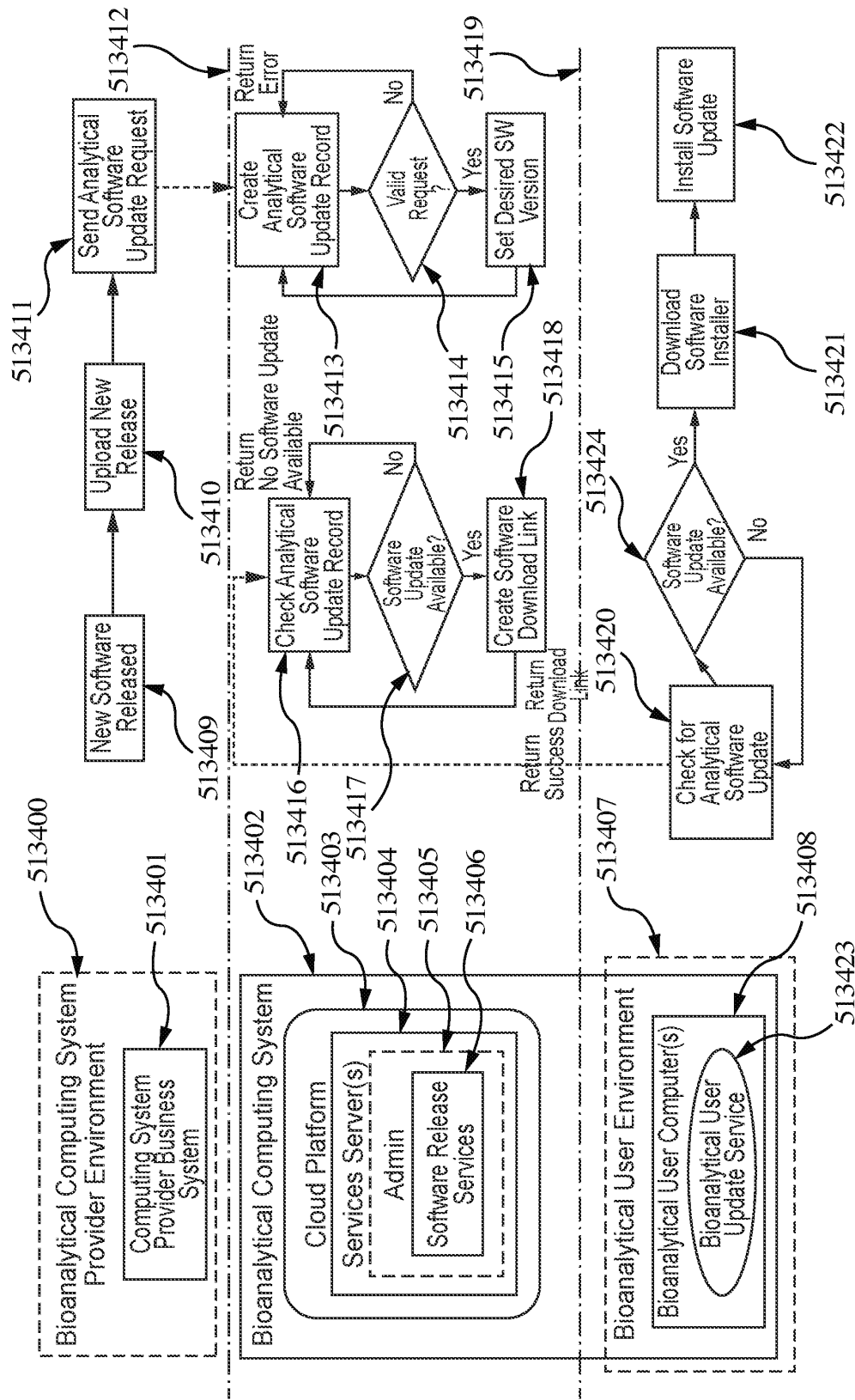


FIG. 52

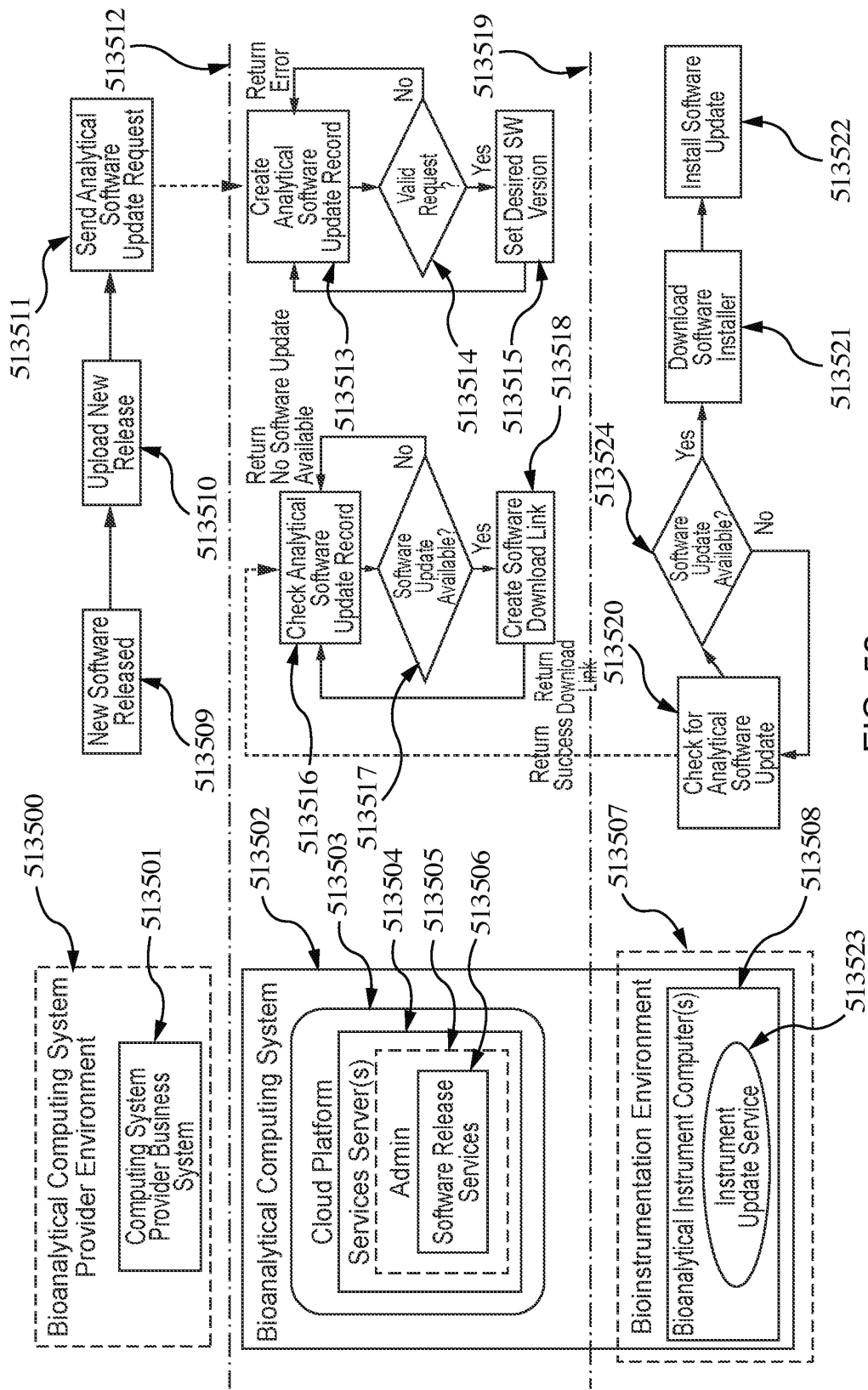


FIG. 53

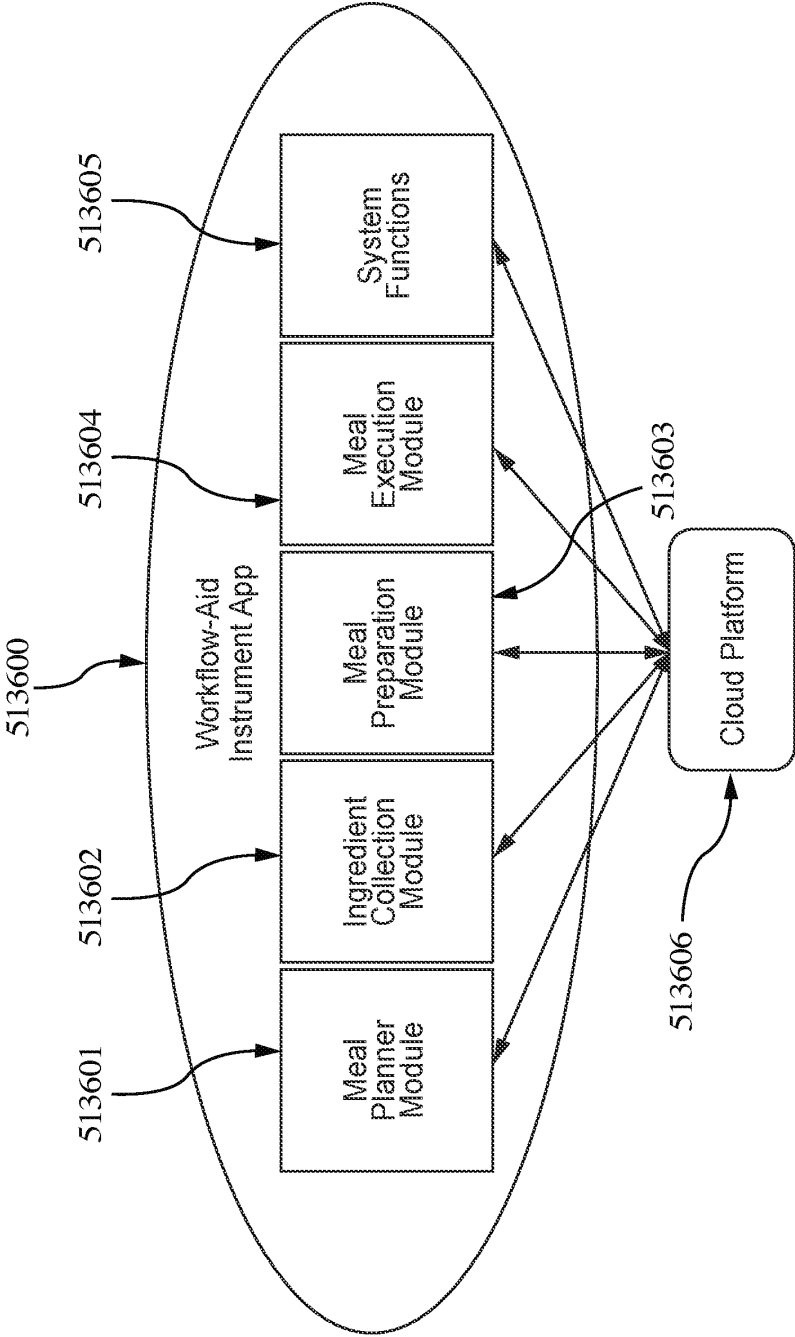


FIG. 54

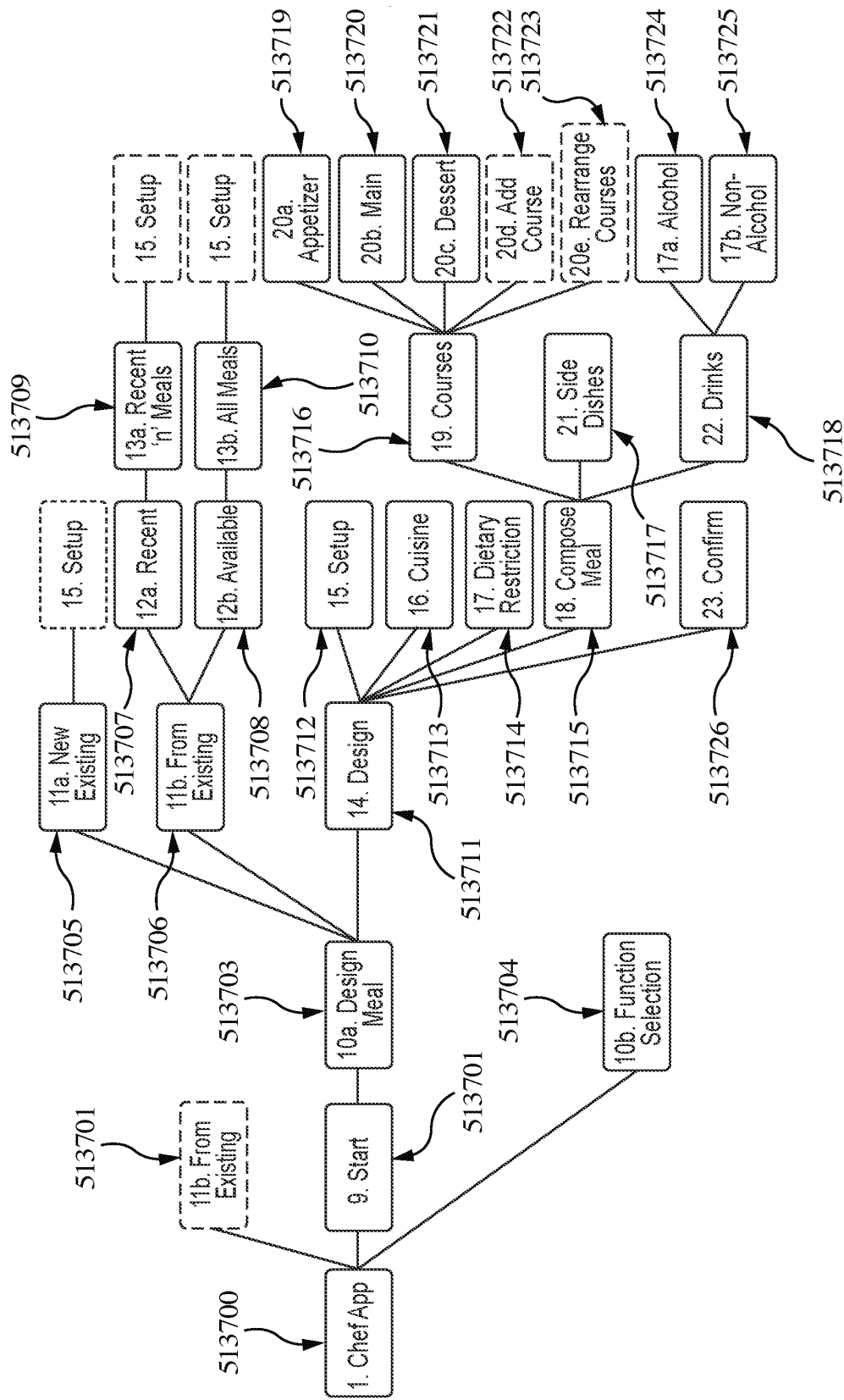


FIG. 55

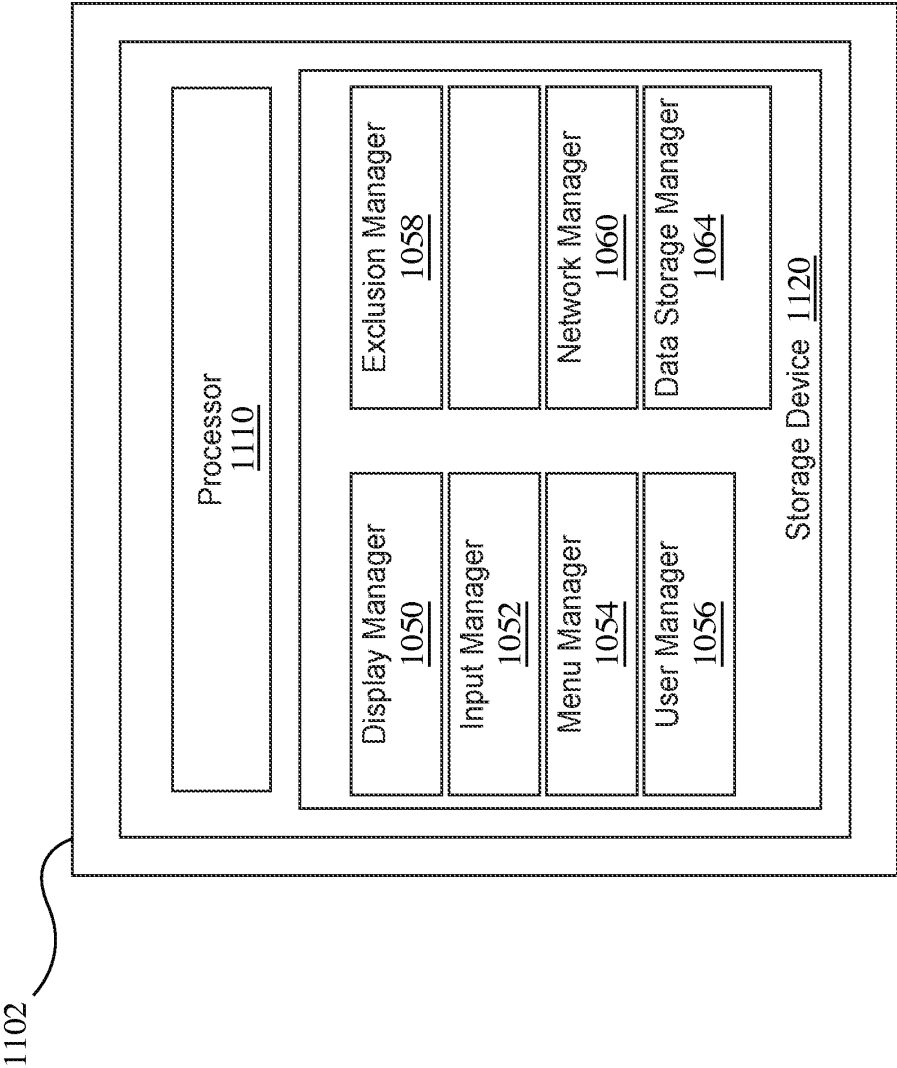


FIG. 56

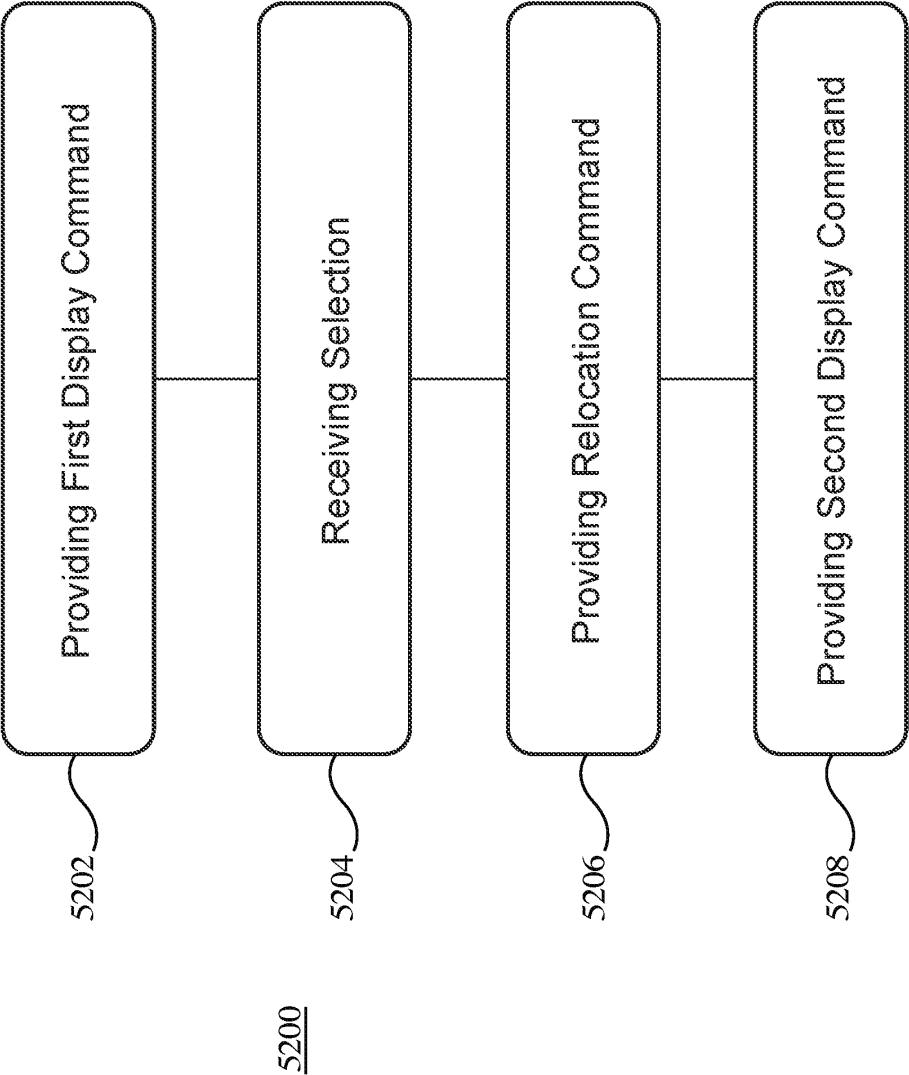


FIG. 57

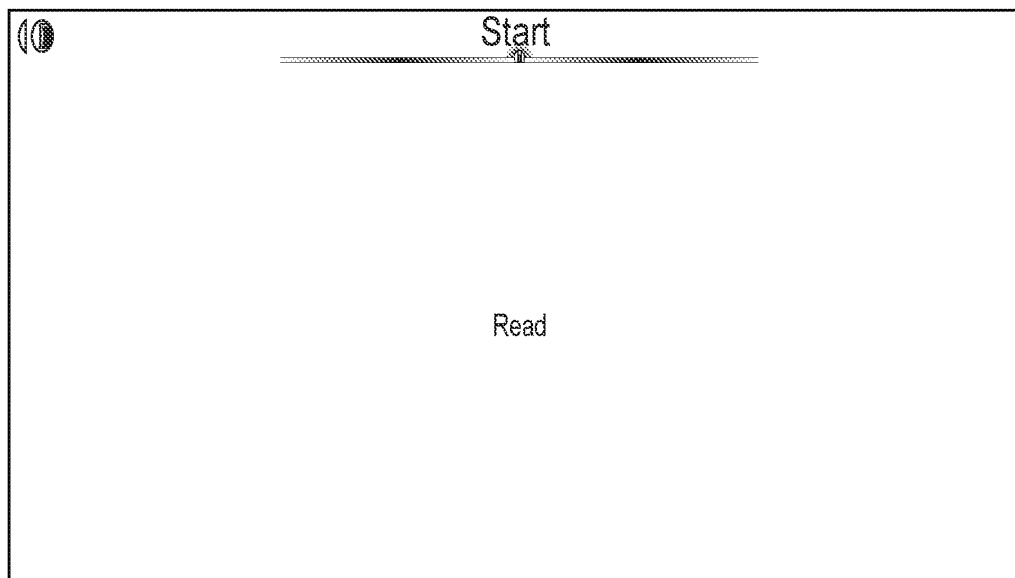


FIG. 58A

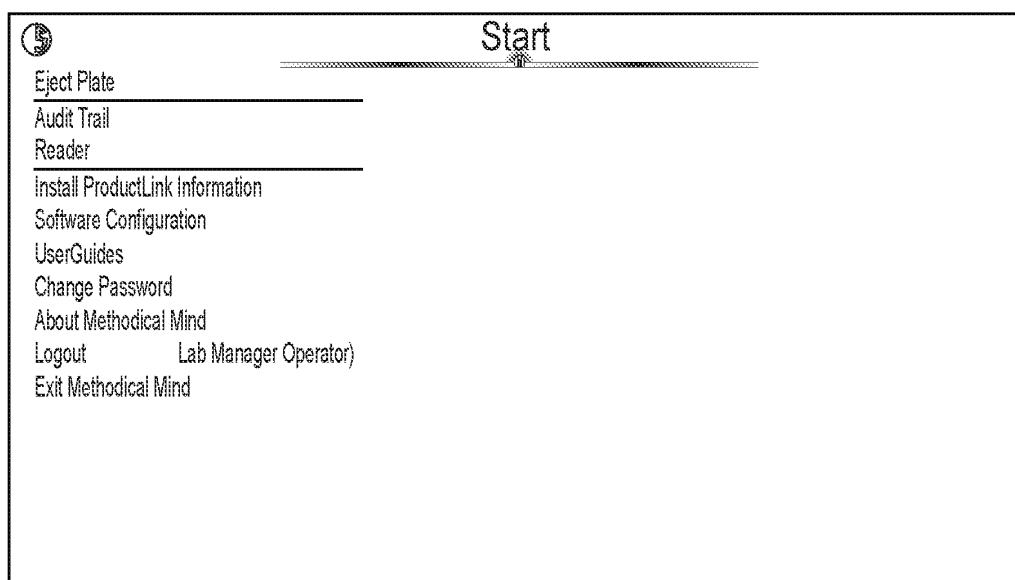


FIG. 58B

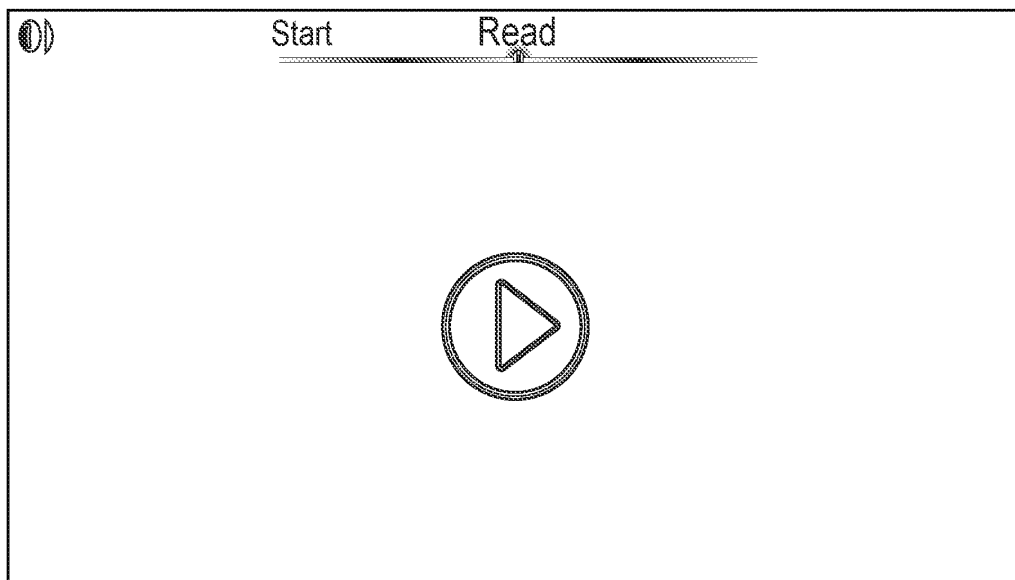


FIG. 58C

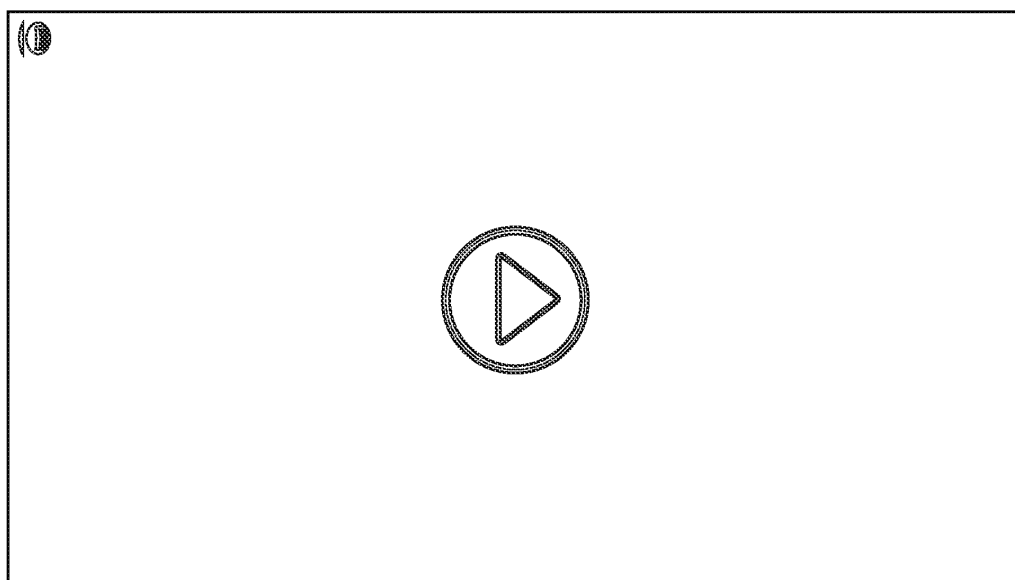


FIG. 58D

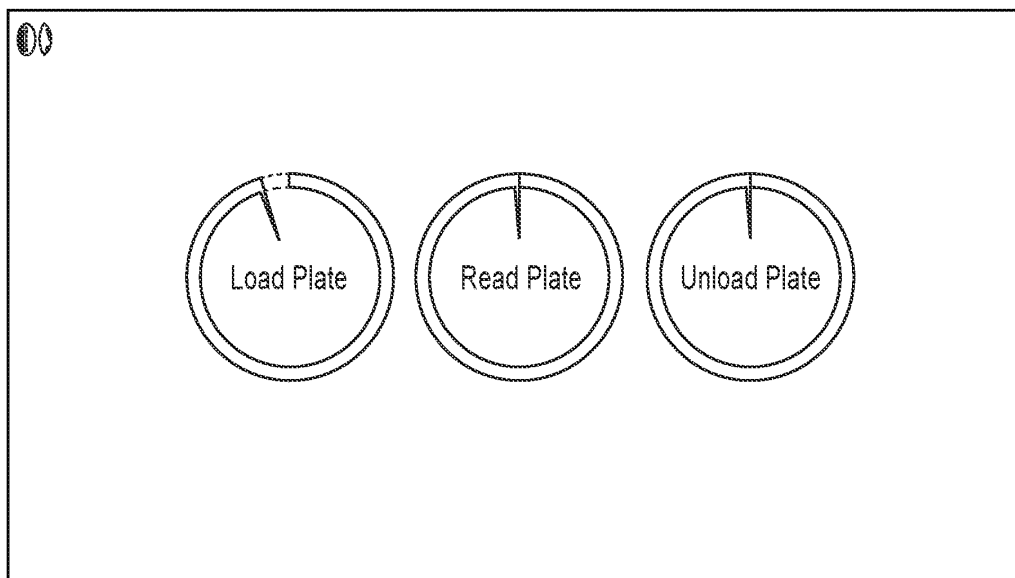


FIG. 58E

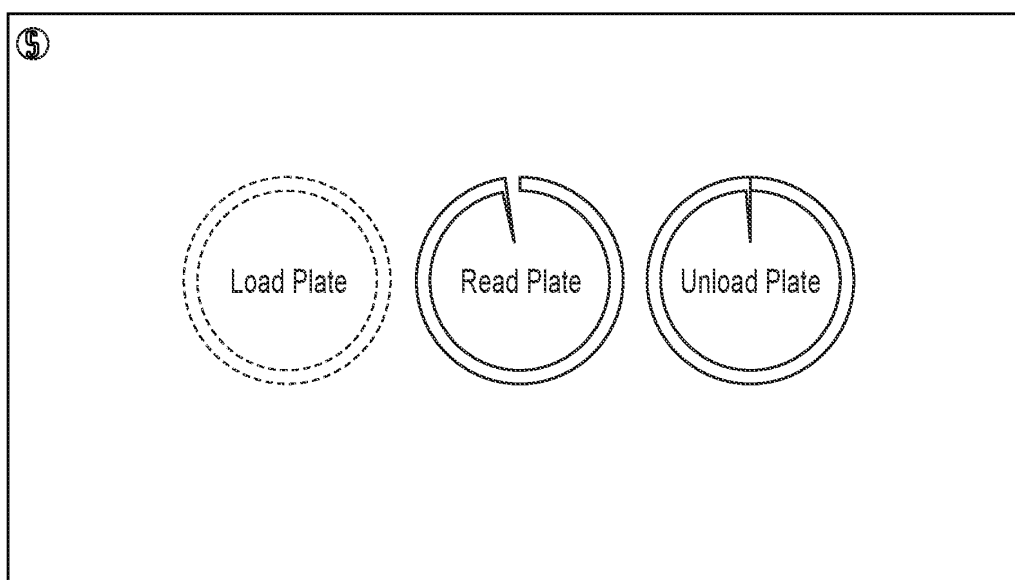


FIG. 58F

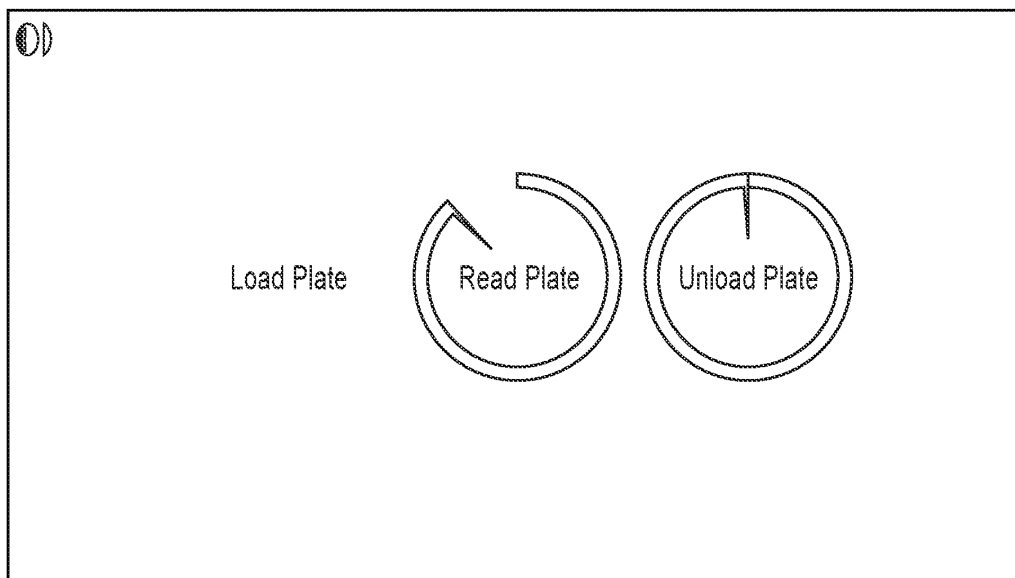


FIG. 58G

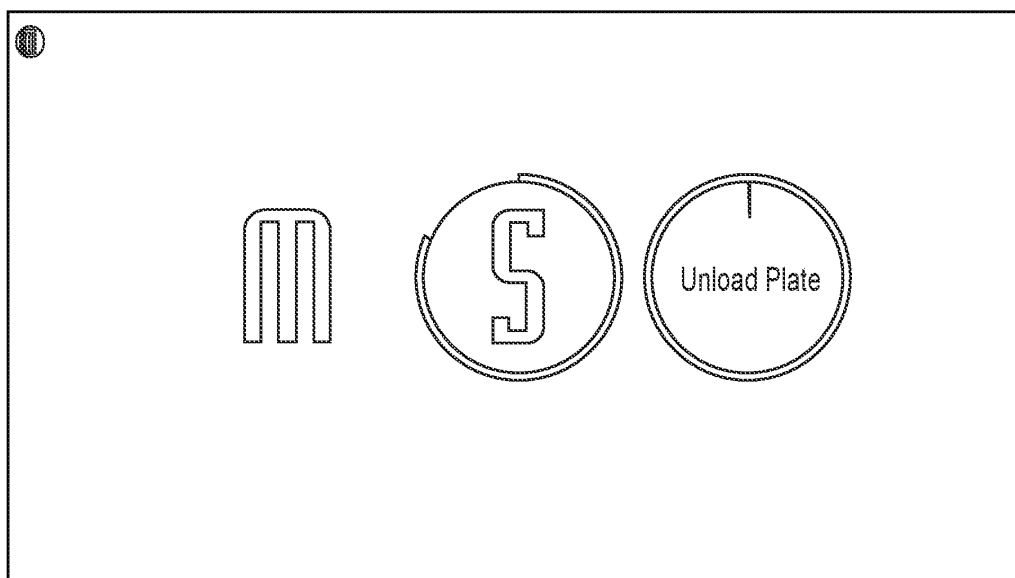


FIG. 58H

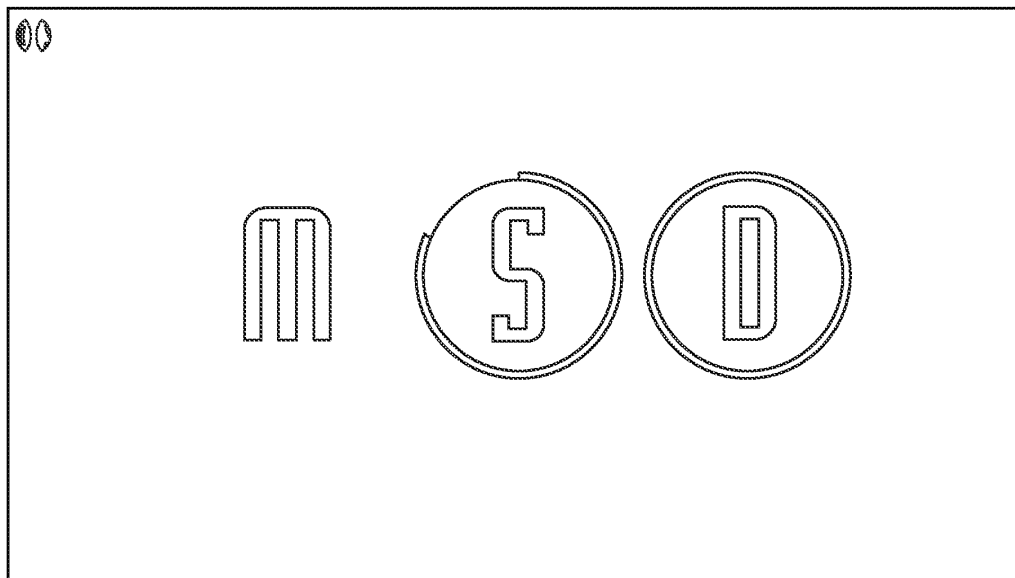


FIG. 58I

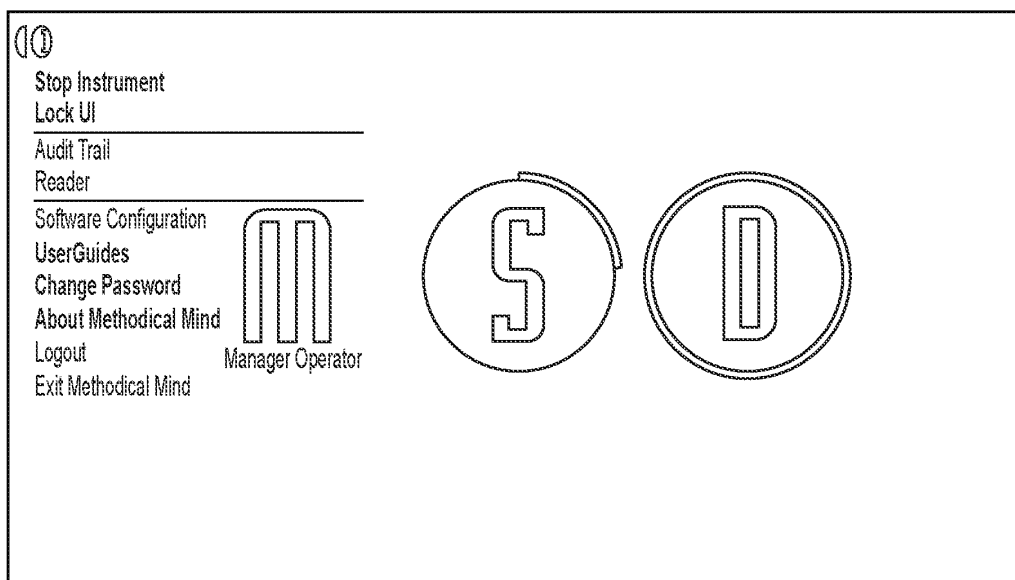


FIG. 58J

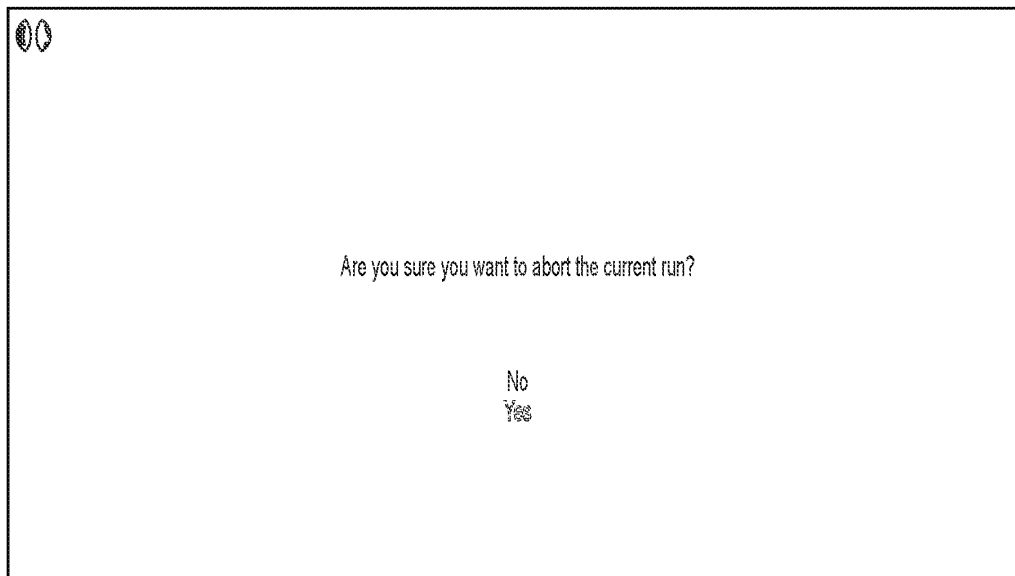


FIG. 58K



FIG. 58L

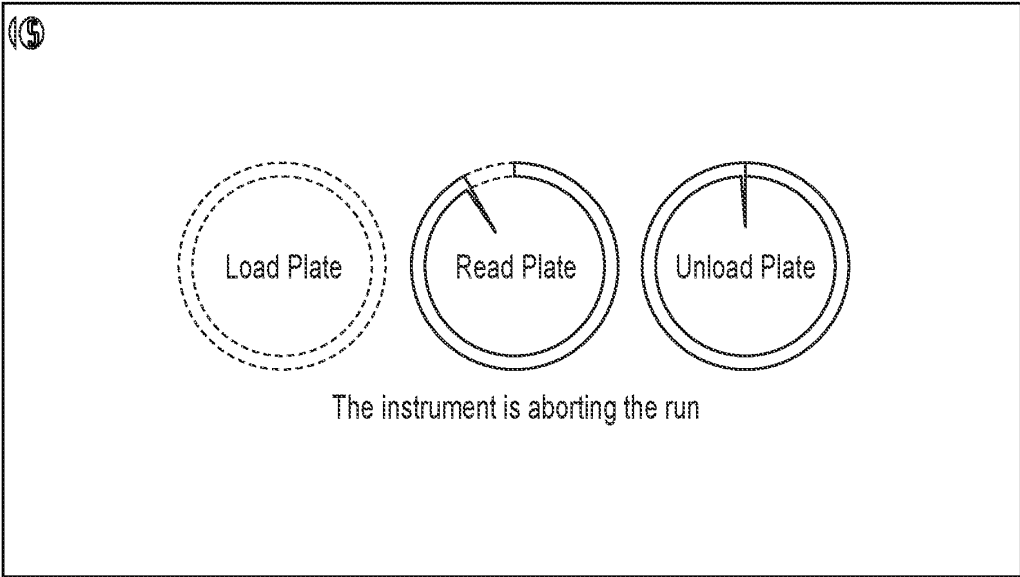


FIG. 58M

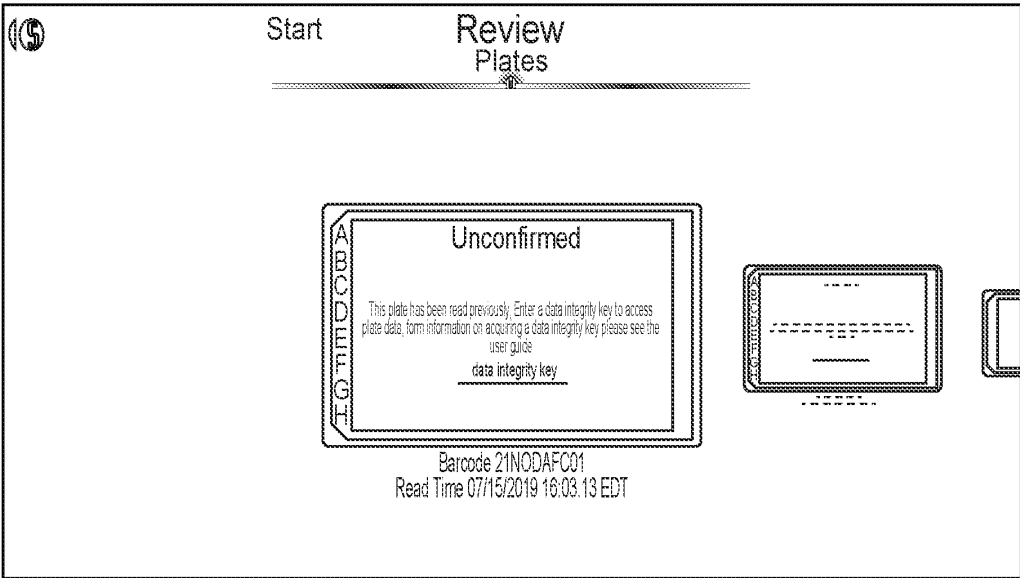


FIG. 58N

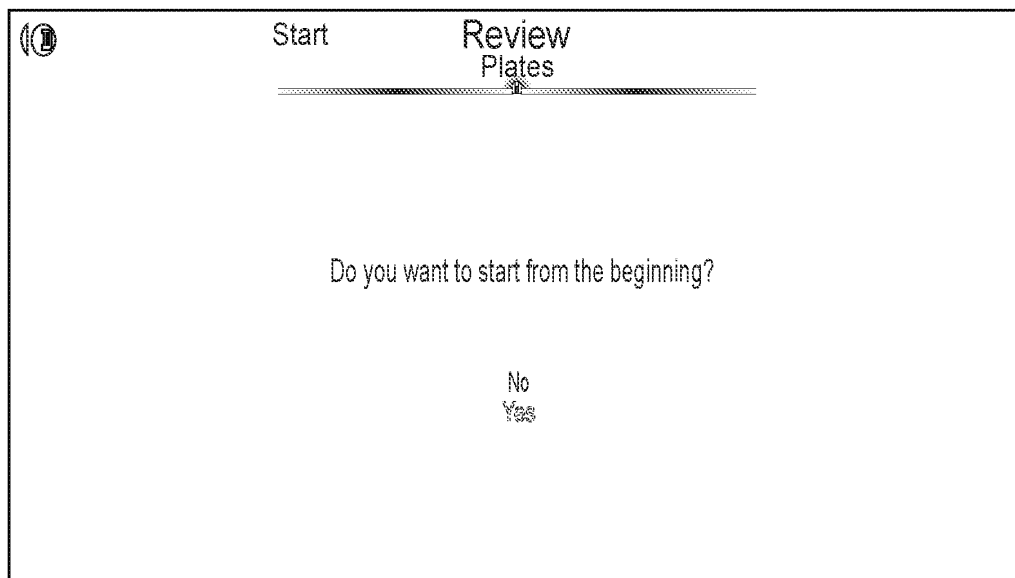


FIG. 58O

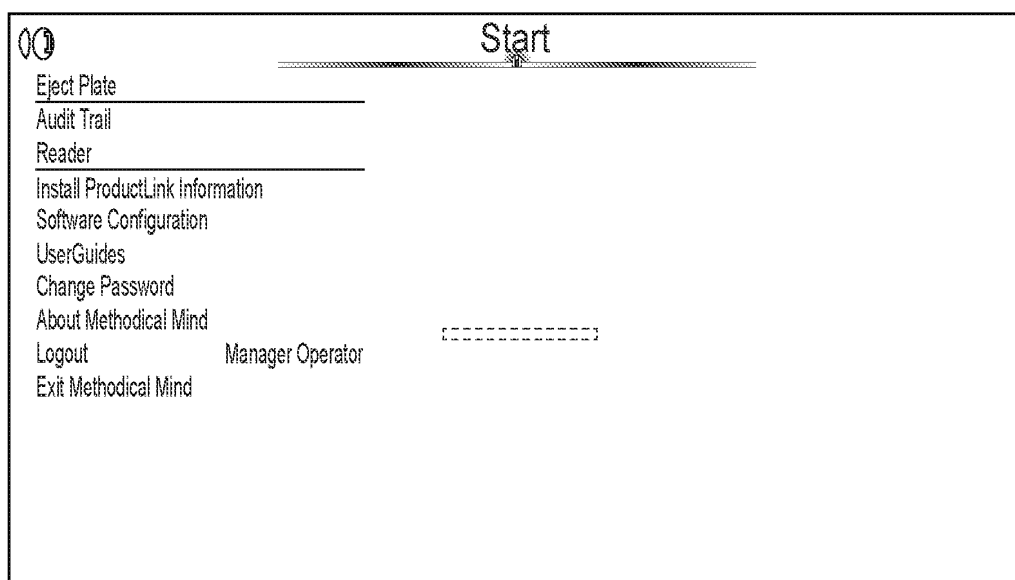


FIG. 58P

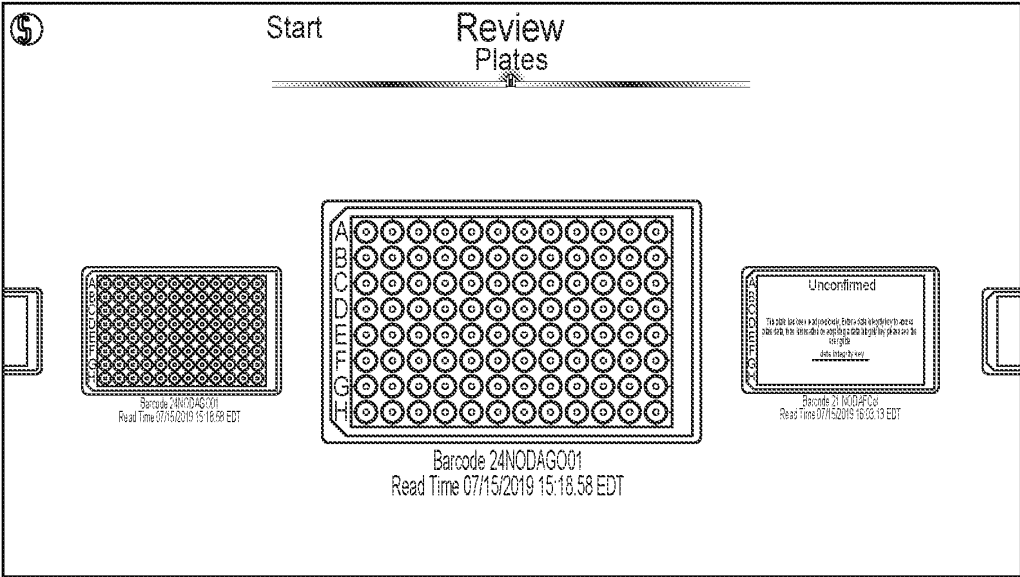


FIG. 58Q

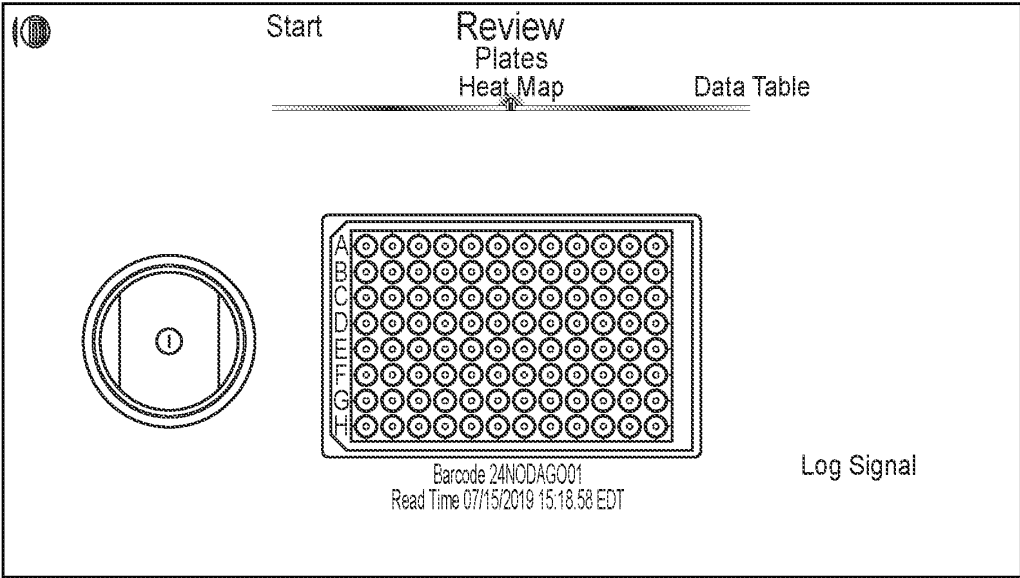


FIG. 58R

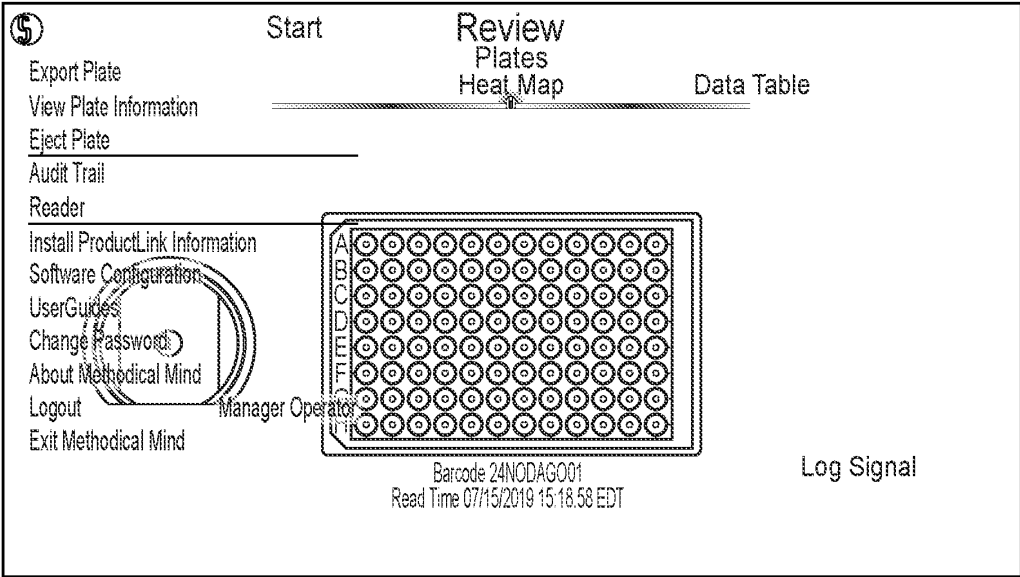


FIG. 58S

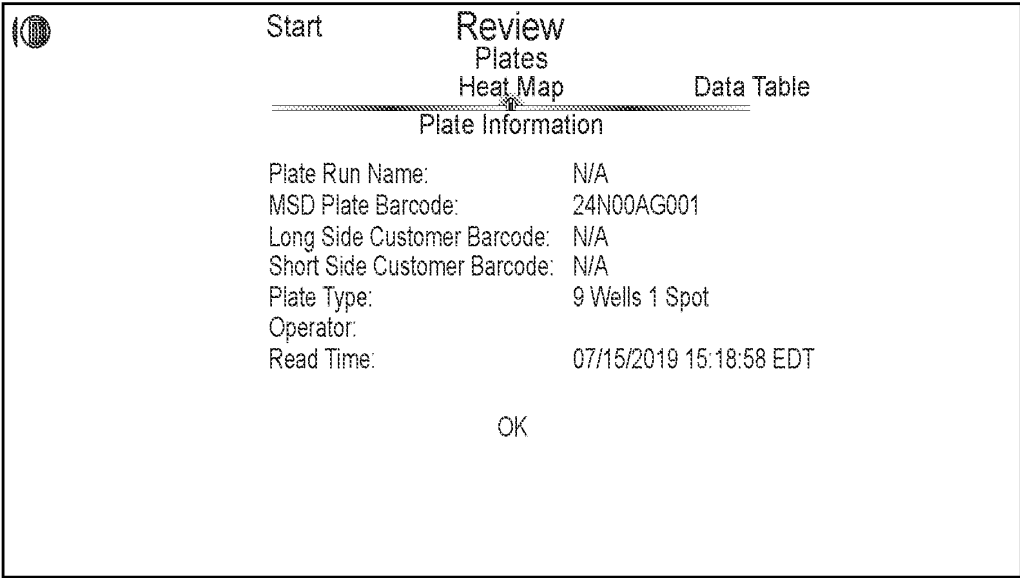


FIG. 58T

Start		Review			
Heat Map		Plates			
		Data Table			
		Flags			
Operator	Plate Number	Barcode	Well	Spot	Signal
	1	24NOOAG001	E01	1	25239.00
	1	24NOOAG001	E02	1	25875.00
	1	24NOOAG001	E03	1	25789.00
	1	24NOOAG001	E04	1	25634.00
	1	24NOOAG001	F01	1	25071.00
	1	24NOOAG001	F02	1	27002.00
	1	24NOOAG001	F03	1	26619.00
	1	24NOOAG001	F04	1	25905.00
	1	24NOOAG001	G01	1	26151.00
	1	24NOOAG001	G02	1	26372.00
	1	24NOOAG001	G03	1	26129.00
	1	24NOOAG001	G04	1	25451.00
	1	24NOOAG001	H01	1	26236.00
	1	24NOOAG001	H02	1	26078.00
	1	24NOOAG001	H03	1	25676.00
	1	24NOOAG001	H04	1	25267.00

FIG. 58U

Start		Review			
Heat Map		Plates			
		Data Table			
		Flags			
Barcode	Category	Flag	Description	Date & Time	
24NOOAG001	Flag	7561	Plate run aborted	07/15/2019 15:18:53 EDT	

FIG. 58V

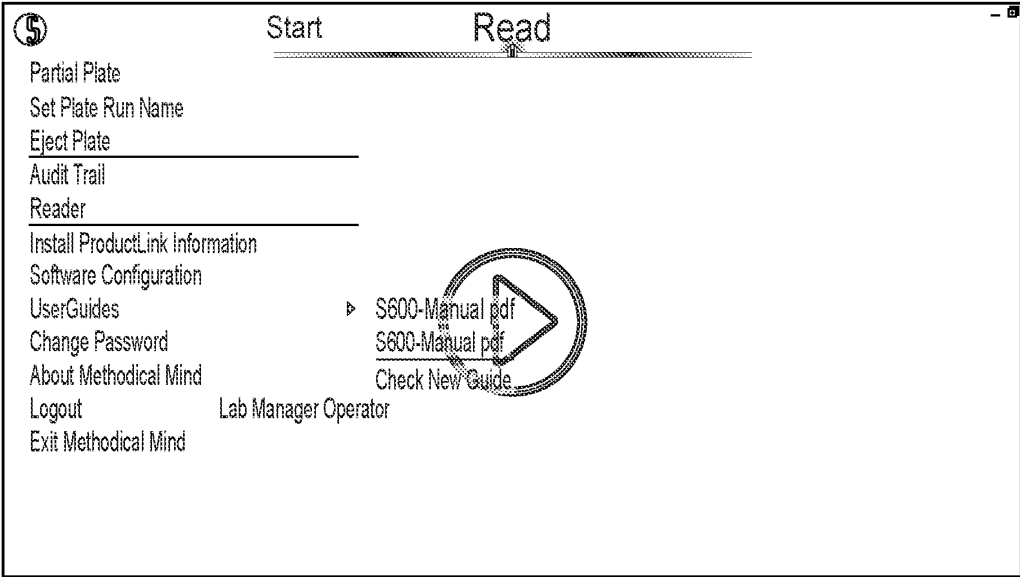


FIG. 58W

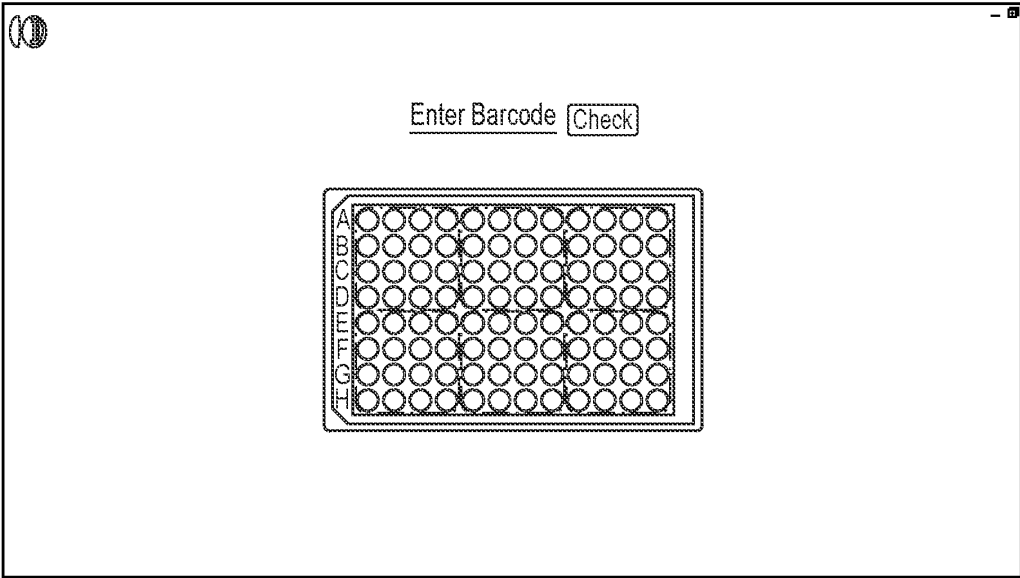


FIG. 58X

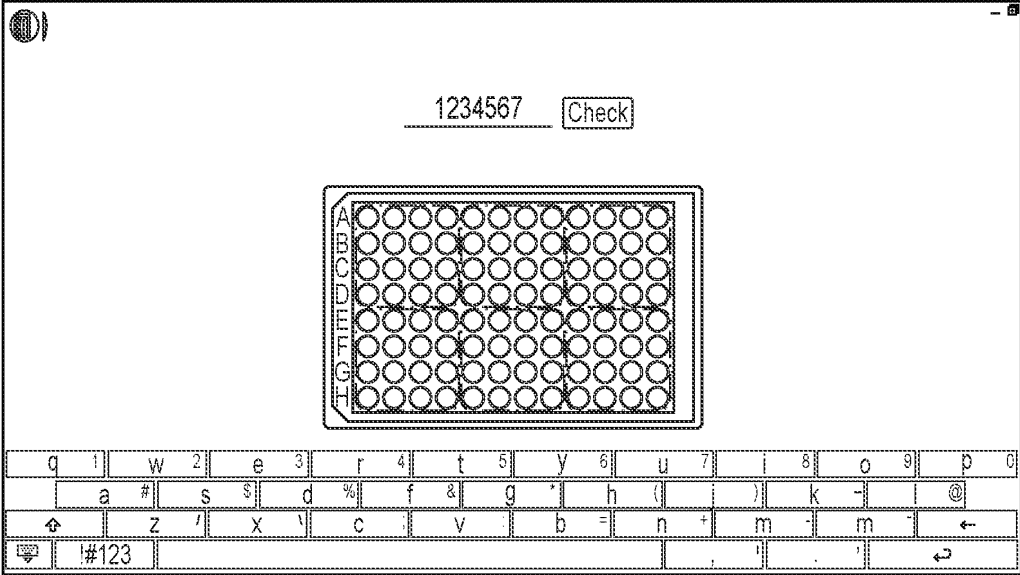


FIG. 58Y

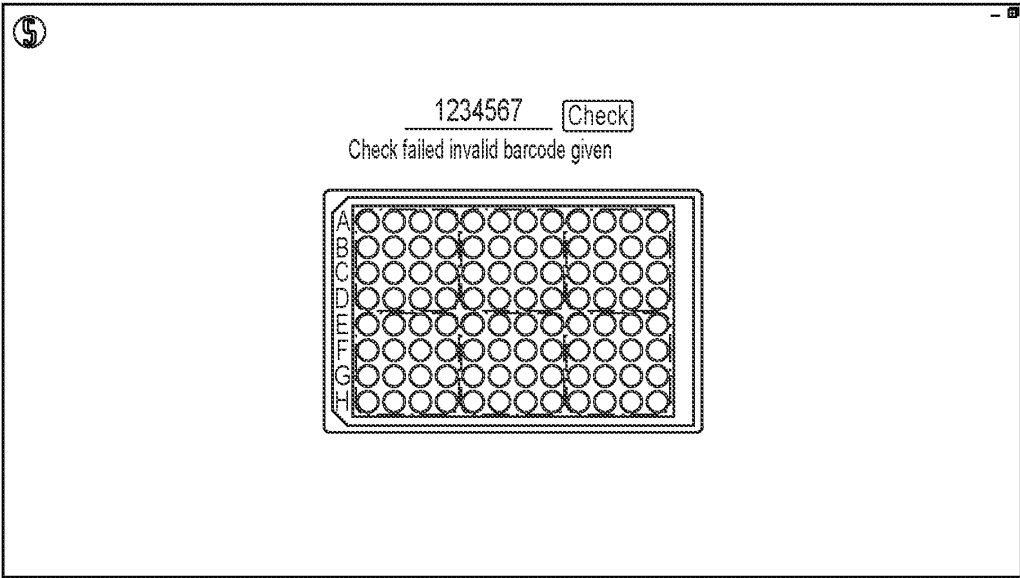


FIG. 58Z

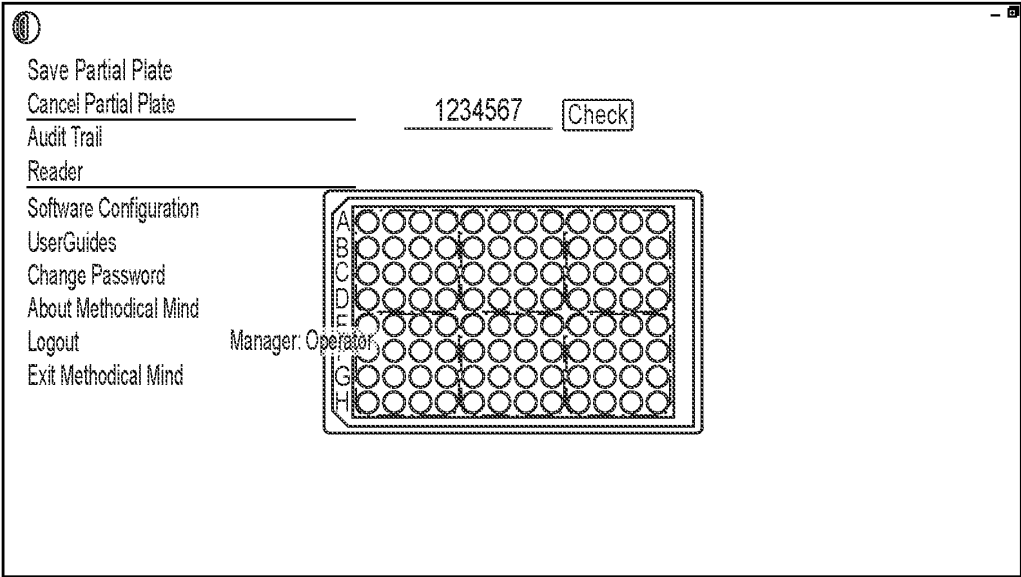


FIG. 58AA

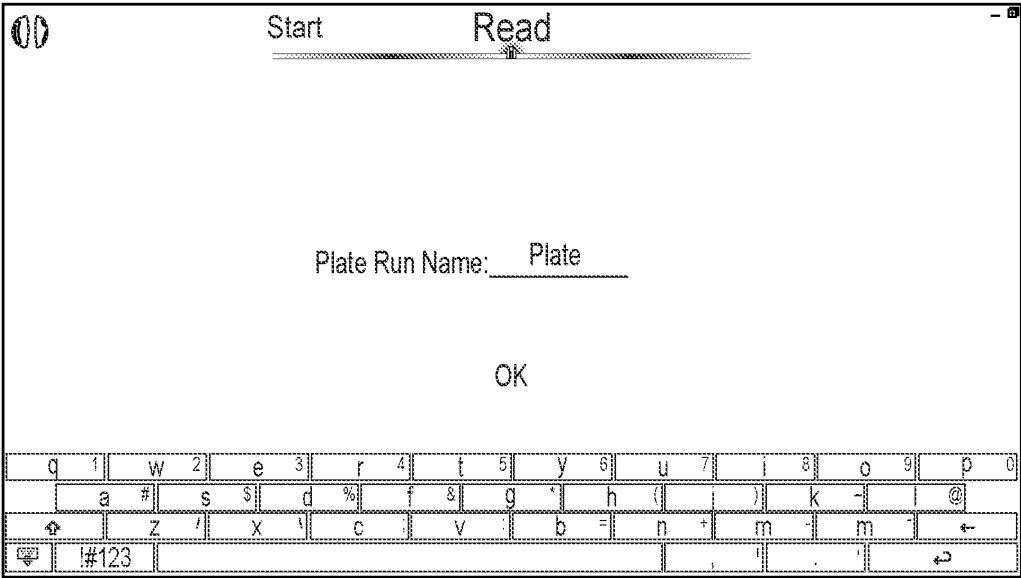


FIG. 58BB

5)

Start

Read

Plate Run Name: Plate1

OK

FIG. 58CC

00

Username

Login Password

Locked by (Meso Scale Diagnostics:For)

Password

q	1	w	2	e	3	r	4	t	5	y	6	u	7	i	8	o	9	p	0
a	#	s	\$	d	%	f	&	g	*	h	()	k	-		@				
	+	z	/	x	'	c		v	:	b	=	n	+	m	-	m			←
	!#123																		↻

FIG. 58DD

		Start		Team		Instrument			
Timestamp	Username	Module	Record ID	Type	Message	Category	Code	IP Address	
07/15/2019 16:12:04 EDT		Reader	25NOOAH001	ACTION		RECORD	11725		
07/15/2019 16:12:04 EDT		Reader	25NOOAH001	INFO		RECORD	17518		
07/15/2019 16:11:57 EDT		Reader	25NOOAH001	INFO		RECORD	17710		
07/15/2019 16:11:53 EDT		Reader	*25NOOAH001*	INFO		RECORD	17520		
07/15/2019 16:11:52 EDT		Reader		INFO		SYSTEM	11696		
07/15/2019 16:11:51 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:47 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:43 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:39 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:35 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:32 EDT		Reader		ACTION		SYSTEM	11651		
07/15/2019 16:11:31 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:21 EDT		Reader	24NOOAG001	INFO		RECORD	11701		
07/15/2019 16:11:53 EDT		Reader	*24NOOAG001d*	INFO		RECORD	17520		
07/15/2019 16:11:21 EDT		Reader		ACTION		SYSTEM	11696		
07/15/2019 16:08:40 EDT		Reader	23NOOAY001	INFO		RECORD	17518		
07/15/2019 16:08:34 EDT		Reader	23NOOAY001	INFO		RECORD	11710		
07/15/2019 16:08:30 EDT		Reader	23NOOAY001	INFO		RECORD	11701		
07/15/2019 16:08:29 EDT		Reader		INFO		SYSTEM	11696		

FIG. 58EE

		Start		Team		Instrument			
Timestamp	Username	Module	Record ID	Type	Message	Category	Code	IP Address	
07/15/2019 16:12:04 EDT		Reader	25NOOAH001	ACTION		RECORD	11725		
07/15/2019 16:12:04 EDT		Reader	25NOOAH001	INFO		RECORD	17518		
07/15/2019 16:11:57 EDT		Reader	25NOOAH001	INFO		RECORD	17710		
07/15/2019 16:11:53 EDT		Reader	*25NOOAH001*	INFO		RECORD	17520		
07/15/2019 16:11:52 EDT		Reader		INFO		SYSTEM	11696		
07/15/2019 16:11:51 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:47 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:43 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:39 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:35 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:32 EDT		Reader		ACTION		SYSTEM	11651		
07/15/2019 16:11:31 EDT		Reader	24NOOAG001	INFO		RECORD	17518		
07/15/2019 16:11:21 EDT		Reader	24NOOAG001	INFO		RECORD	11701		
07/15/2019 16:11:53 EDT		Reader	*24NOOAG001d*	INFO		RECORD	17520		
07/15/2019 16:11:21 EDT		Reader		ACTION		SYSTEM	11696		
07/15/2019 16:08:40 EDT		Reader	23NOOAY001	INFO		RECORD	17518		
07/15/2019 16:08:34 EDT		Reader	23NOOAY001	INFO		RECORD	11710		
07/15/2019 16:08:30 EDT		Reader	23NOOAY001	INFO		RECORD	11701		
07/15/2019 16:08:29 EDT		Reader		INFO		SYSTEM	11696		

FIG. 58FF

FIG. 58GGFIG. 58HH

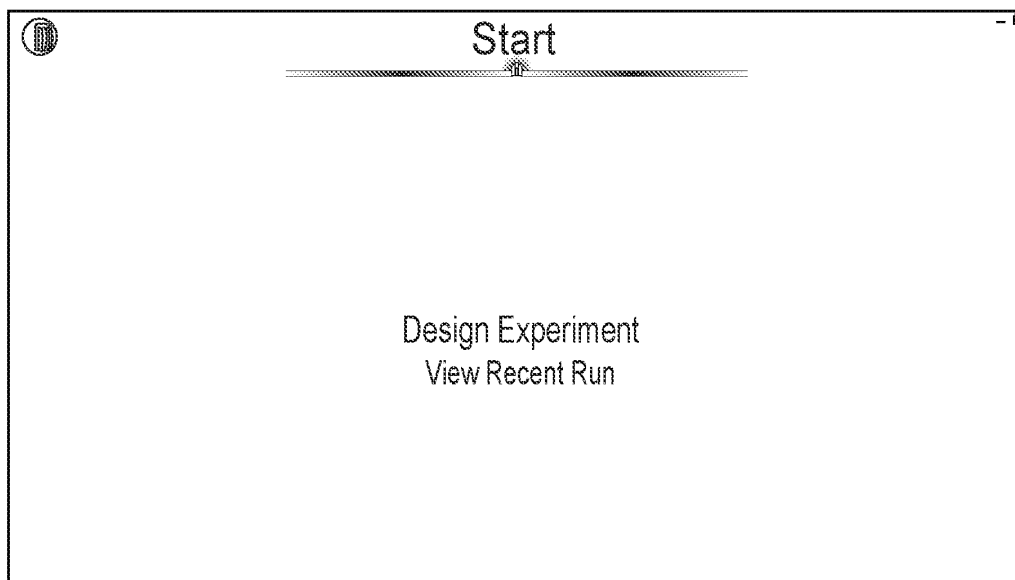


FIG. 59A

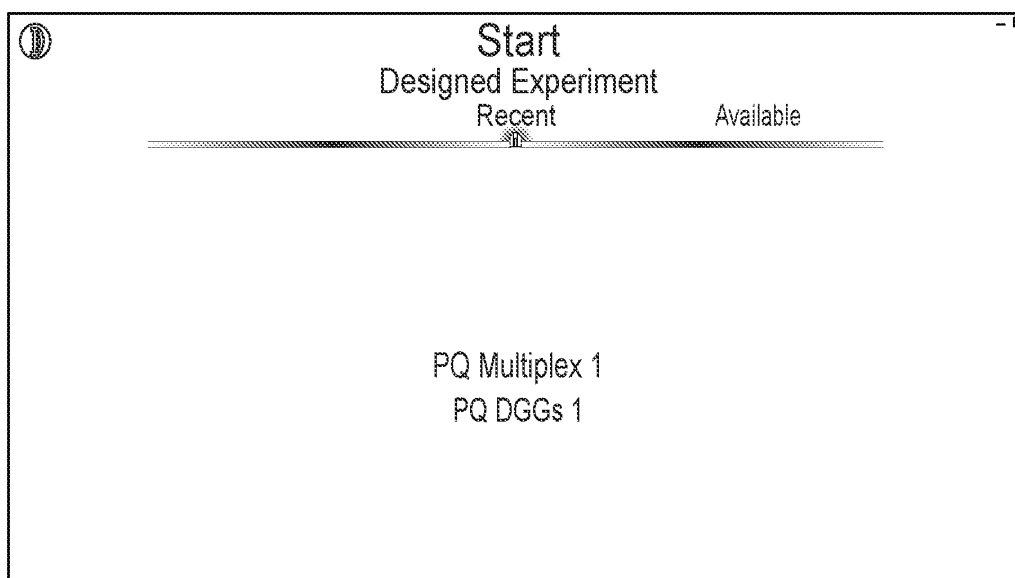


FIG. 59B

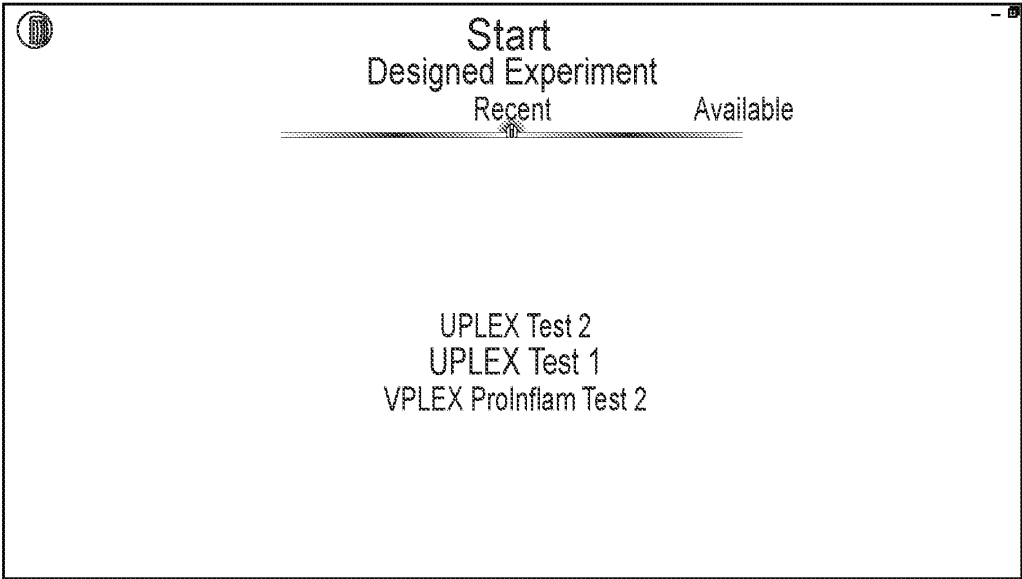


FIG. 59C

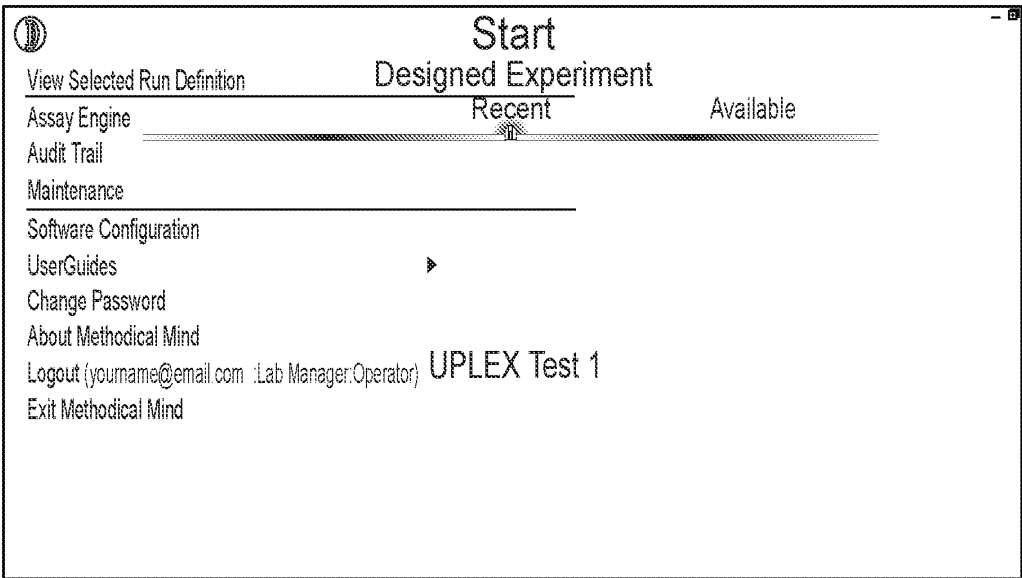


FIG. 59D

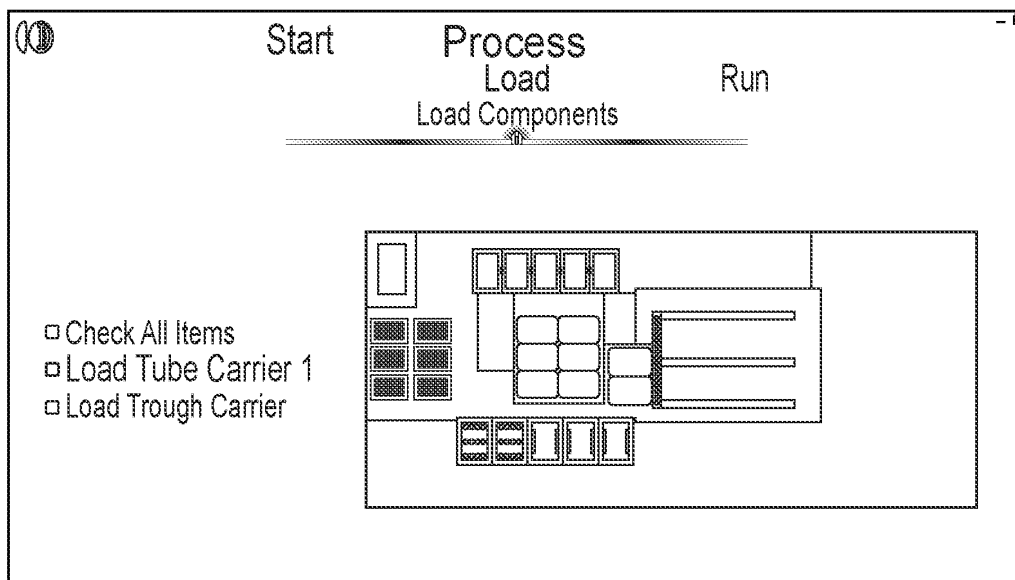


FIG. 59E

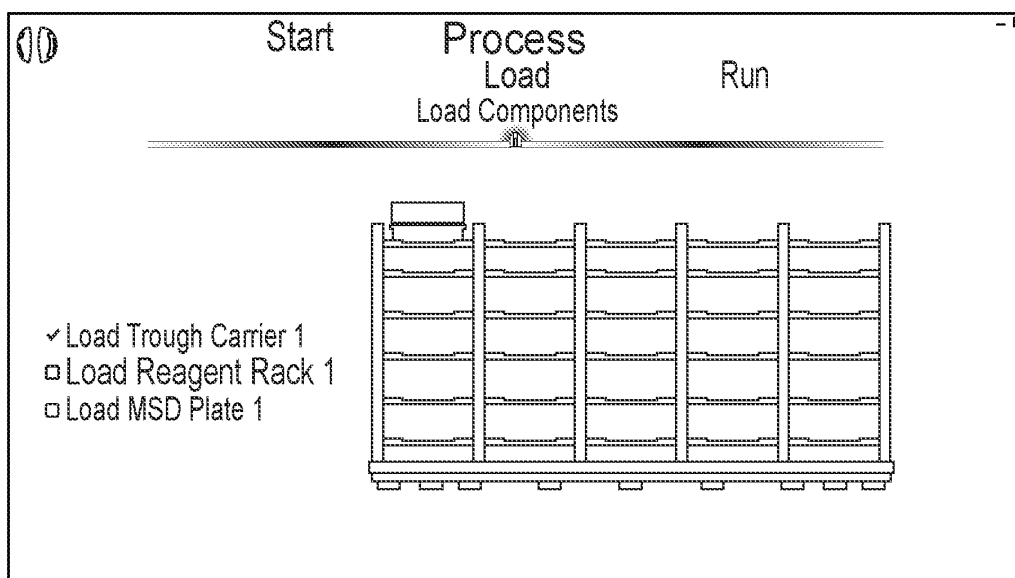


FIG. 59F

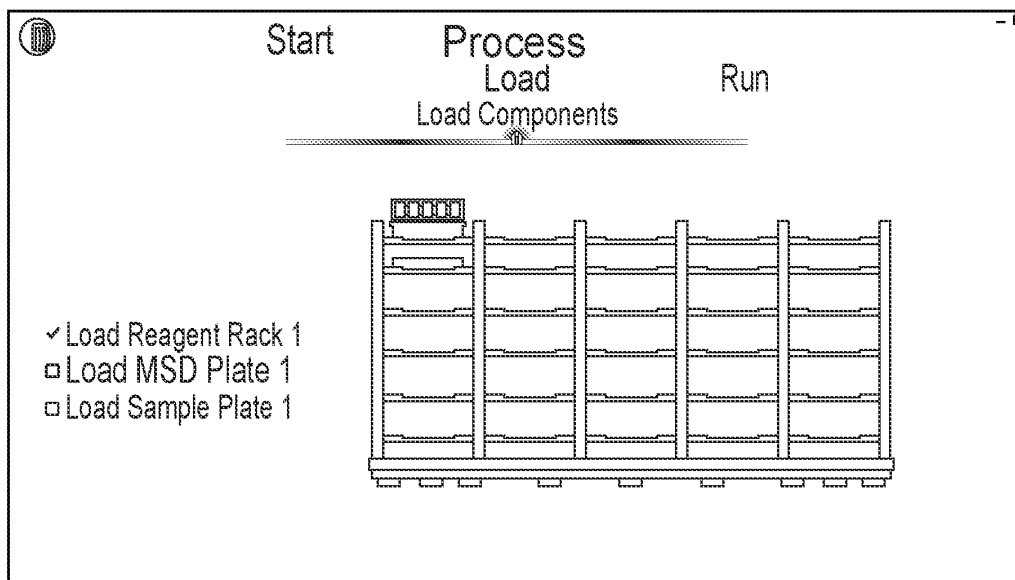


FIG. 59G

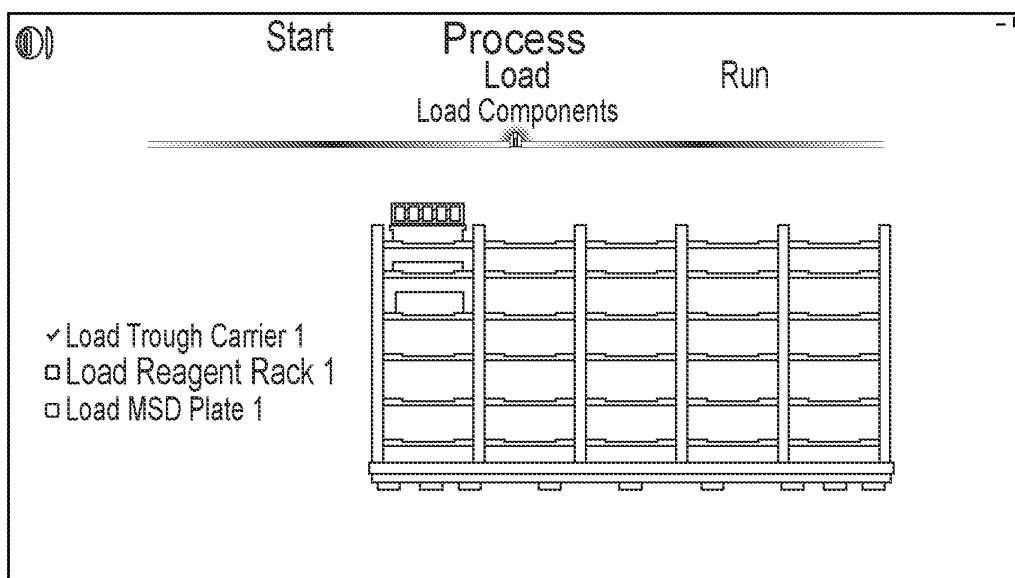
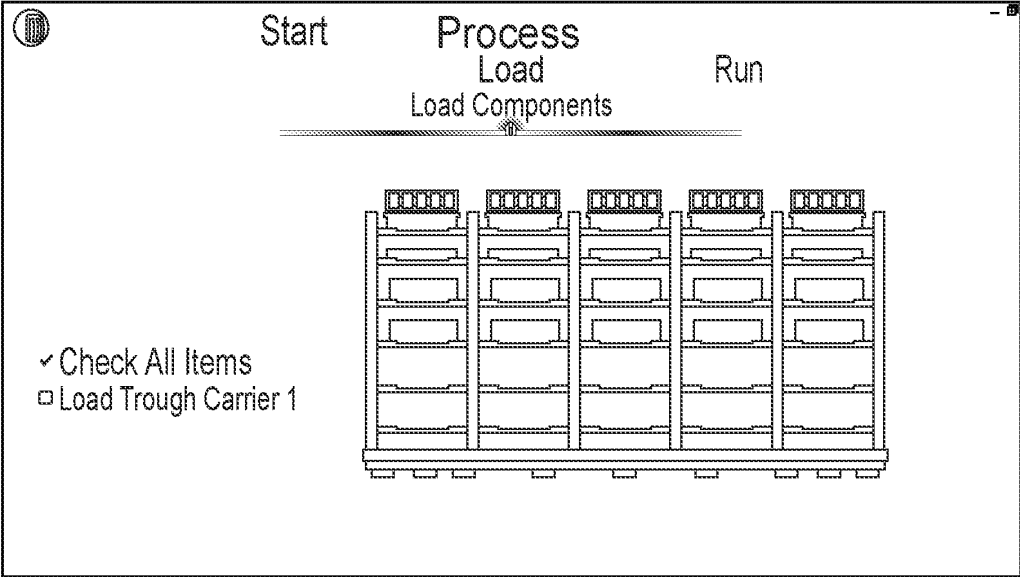


FIG. 59H



(I)

FIG. 59I

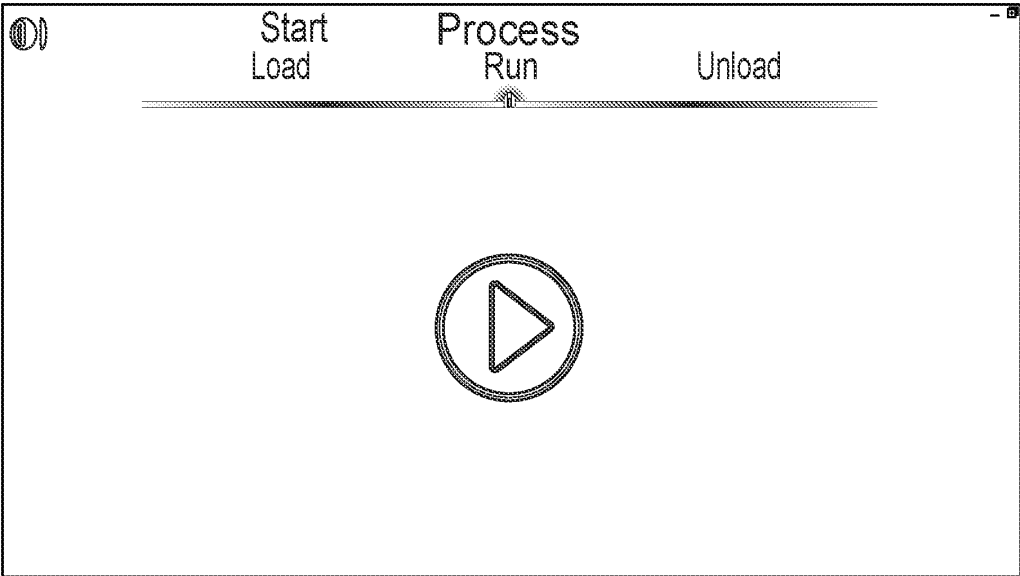


FIG. 59J

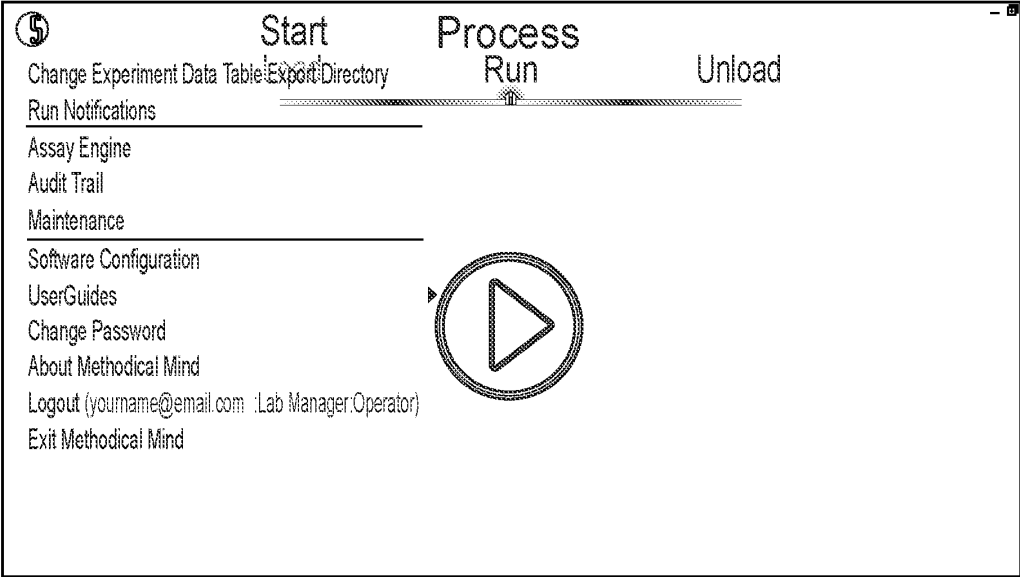


FIG. 59K

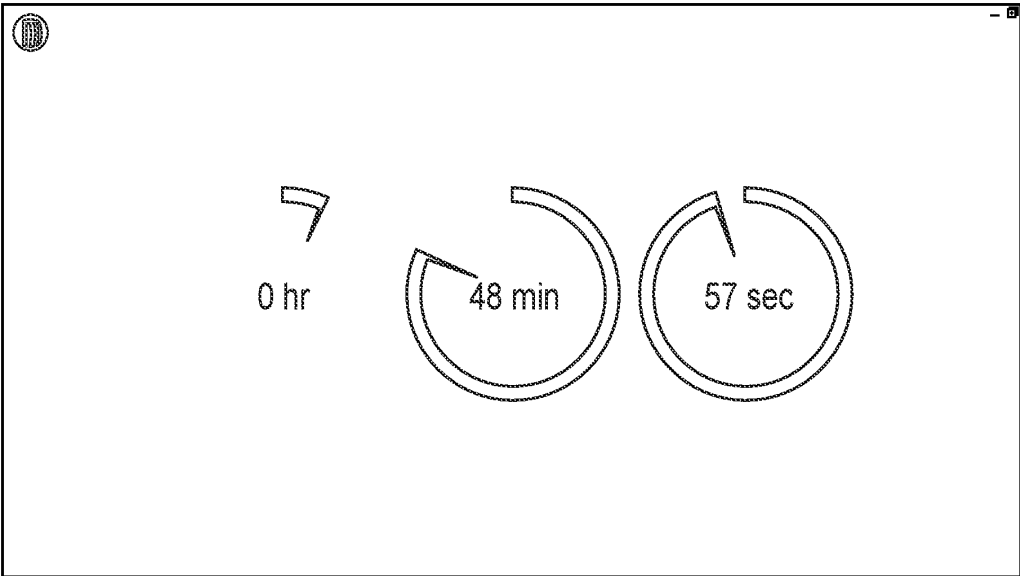


FIG. 59L

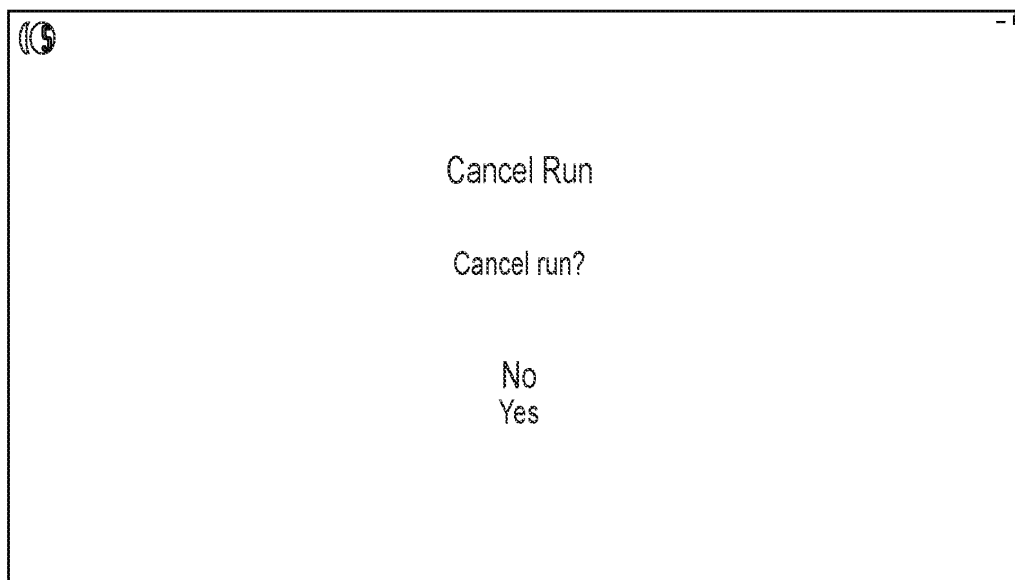


FIG. 59M

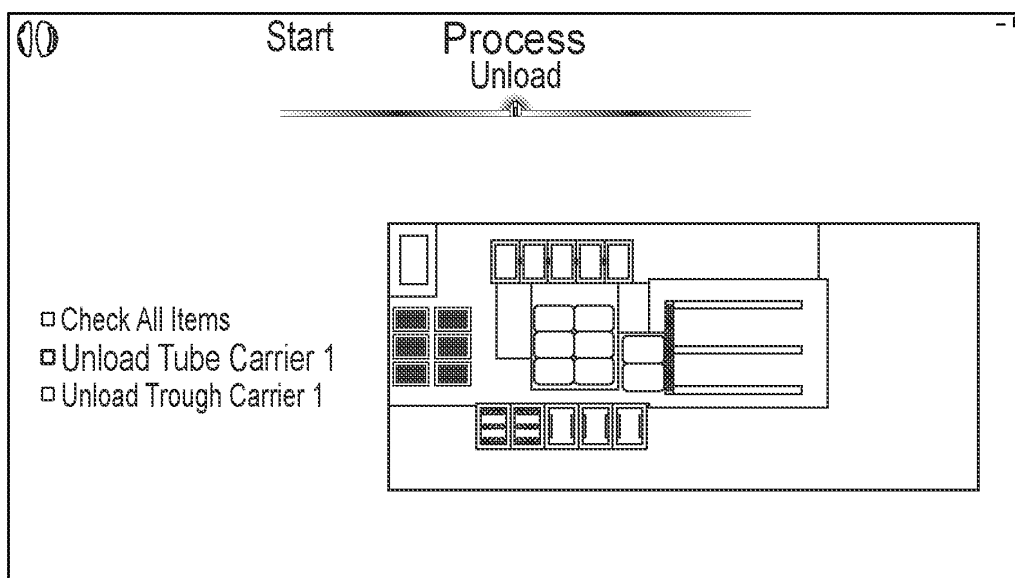


FIG. 59N

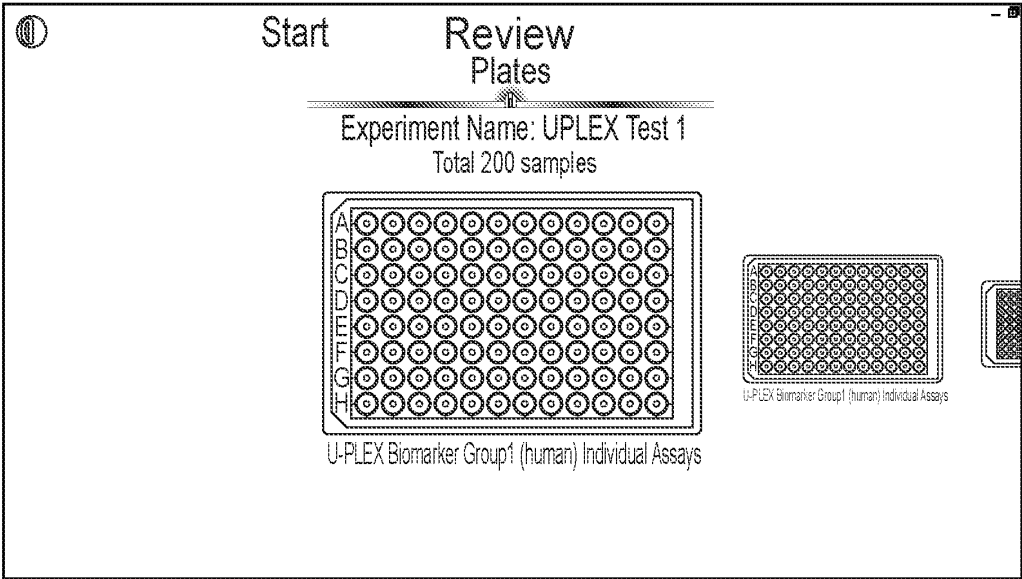


FIG. 59O

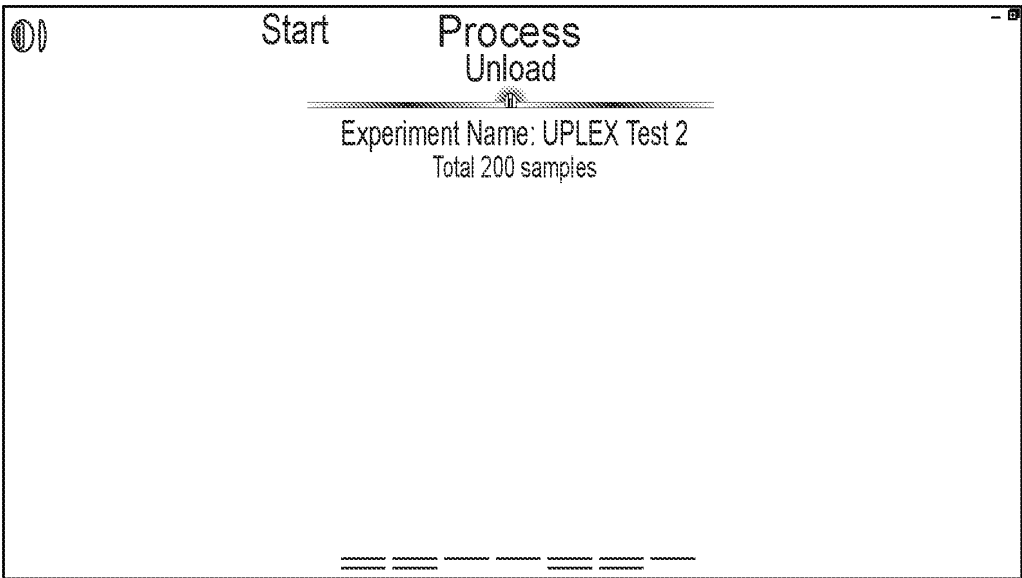


FIG. 59P

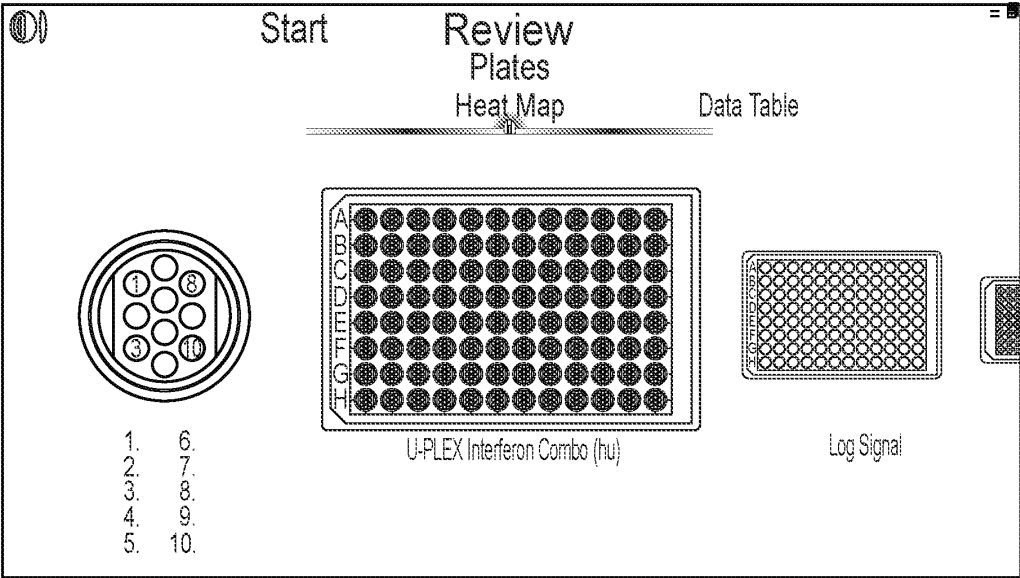


FIG. 59Q

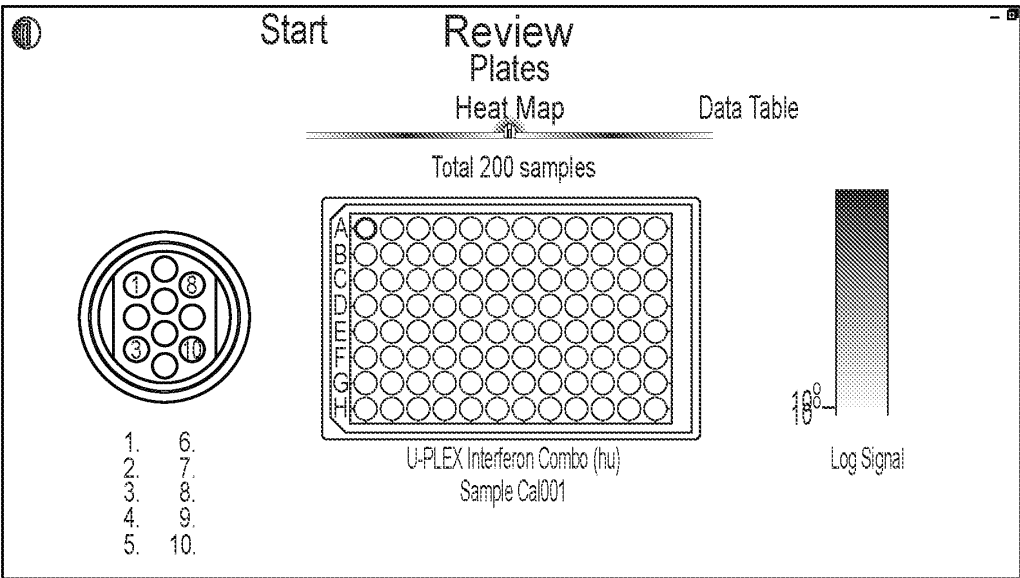


FIG. 59R

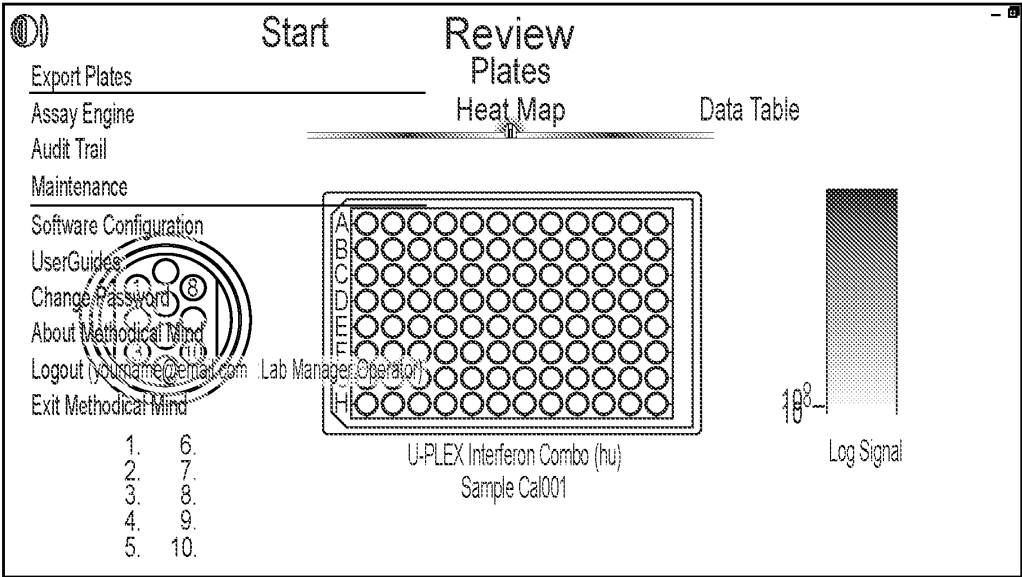


FIG. 59S

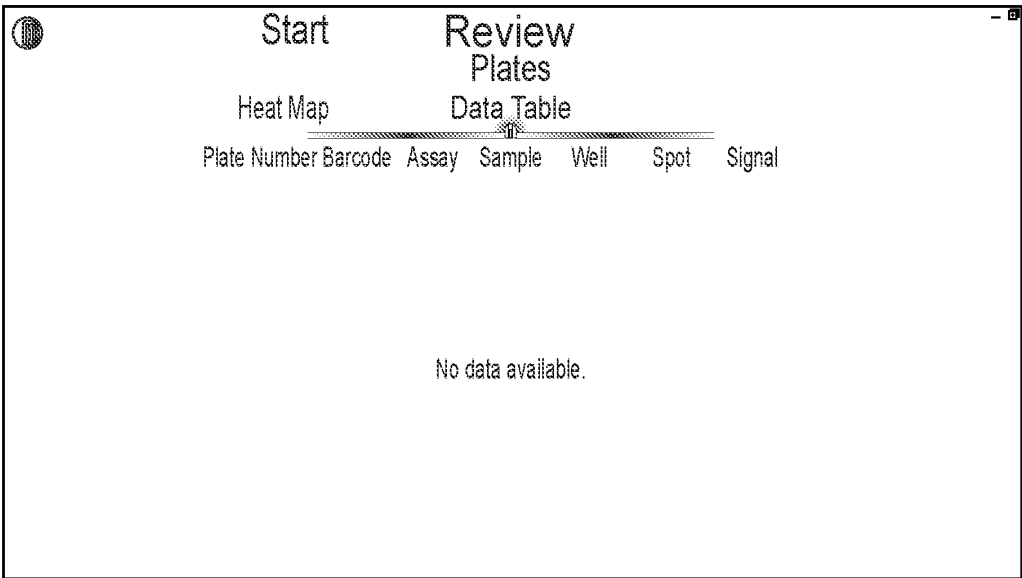


FIG. 59T



FIG. 60A

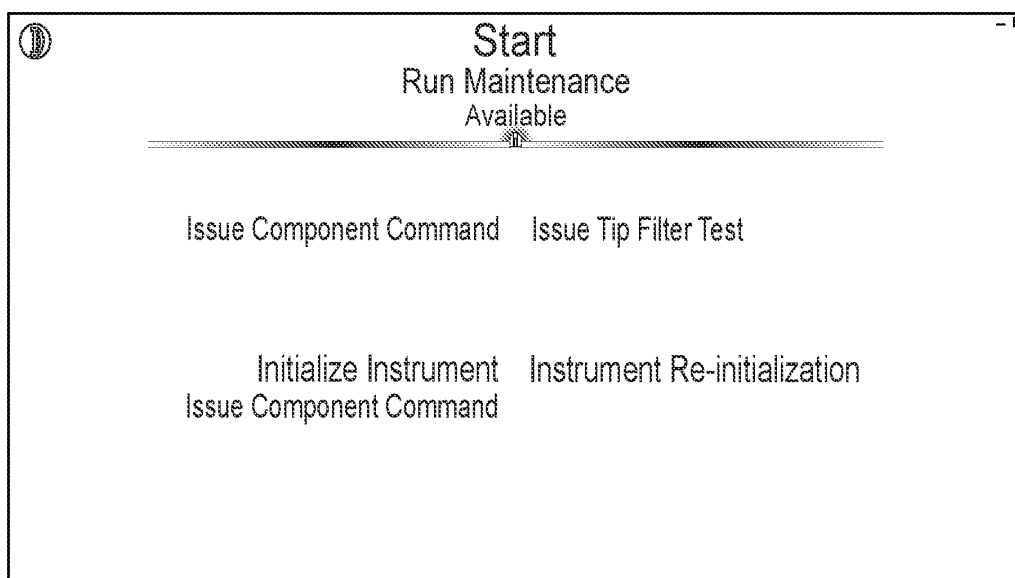


FIG. 60B



FIG. 60C



FIG. 60D

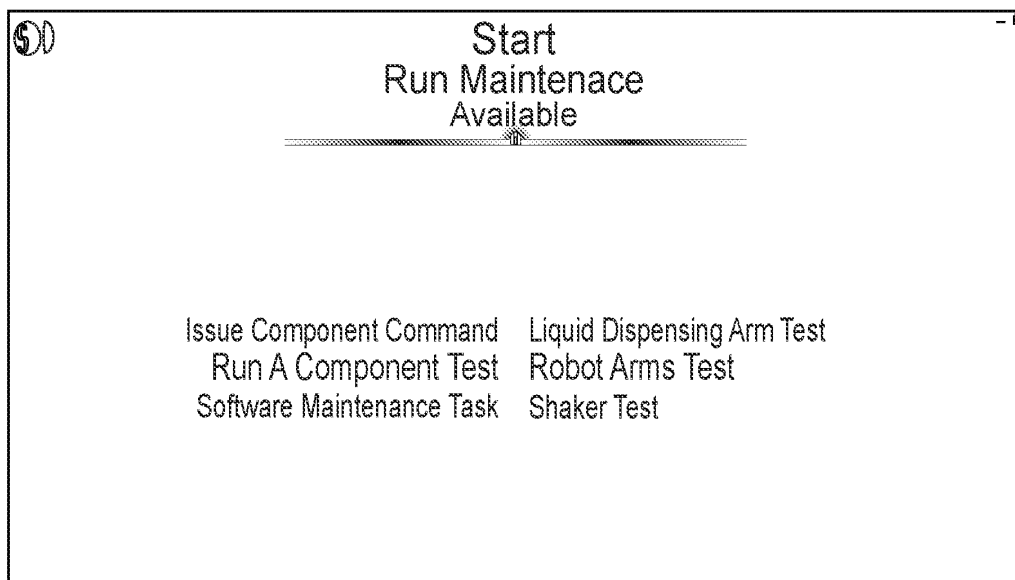


FIG. 60E

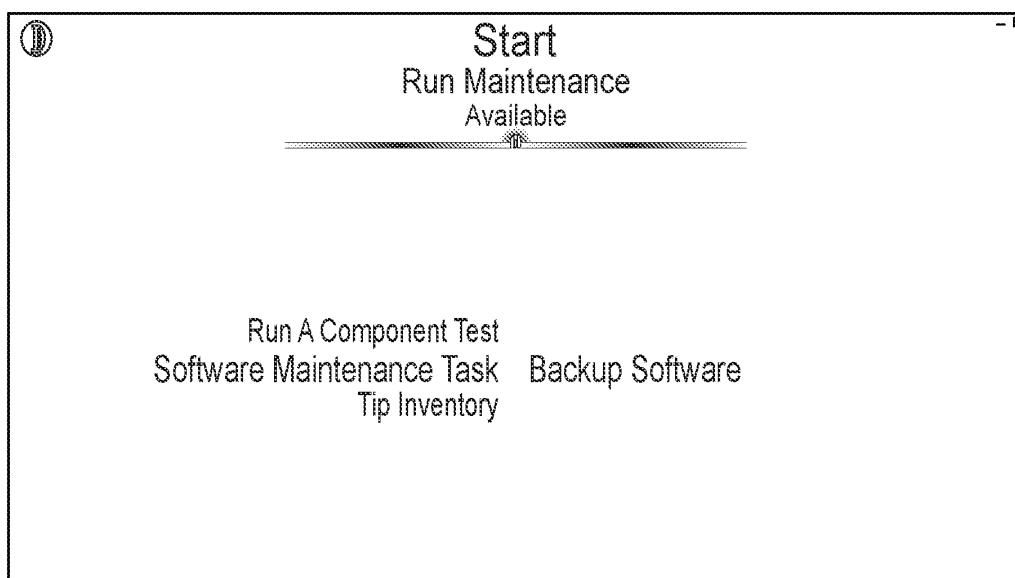


FIG. 60F

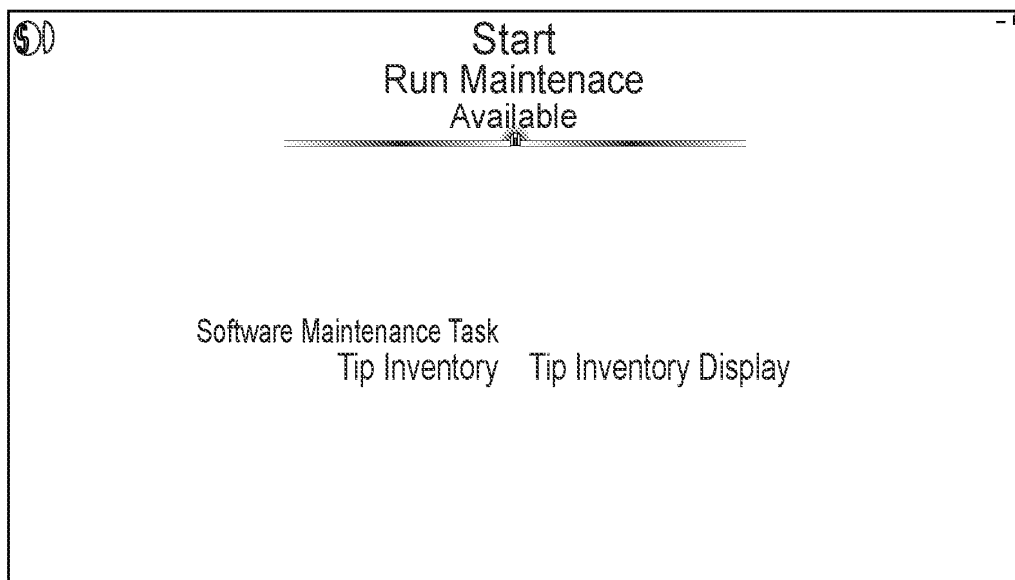


FIG. 60G



FIG. 60H

Start Process Review			
Method	Operator	Time	Pass/Fail
Robot arms Test	yourname@email.com	7/15/2019 21:32:05 EDT	FAILED

FIG. 60I

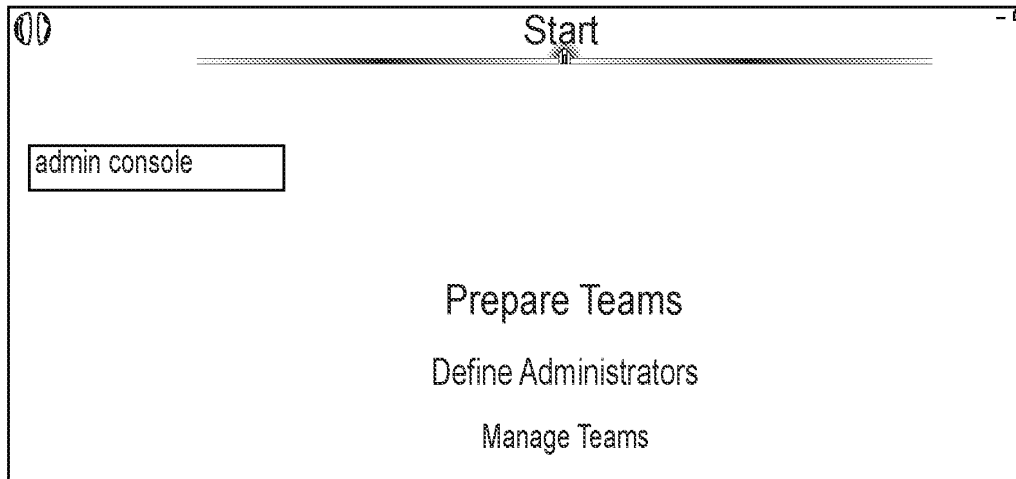


FIG. 61A

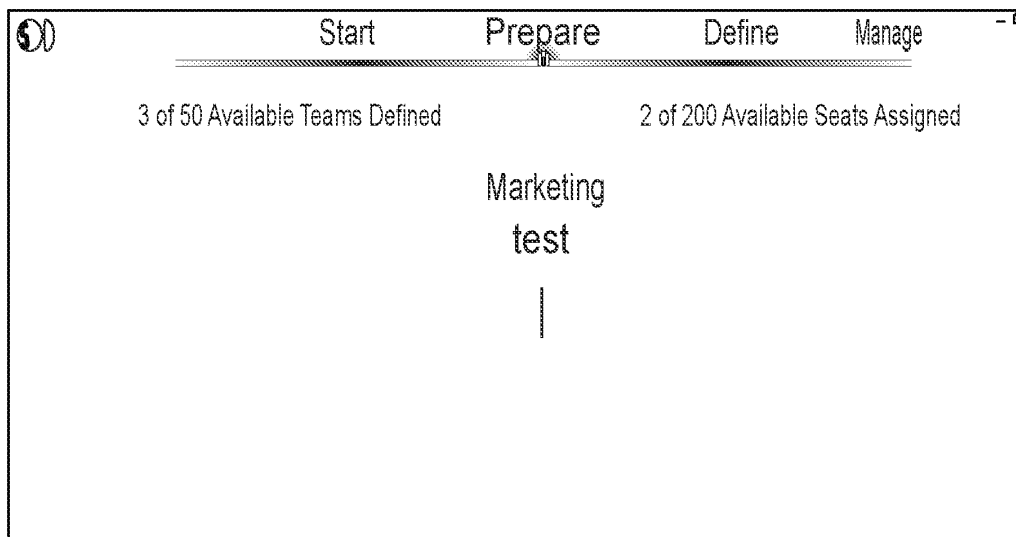


FIG. 61B

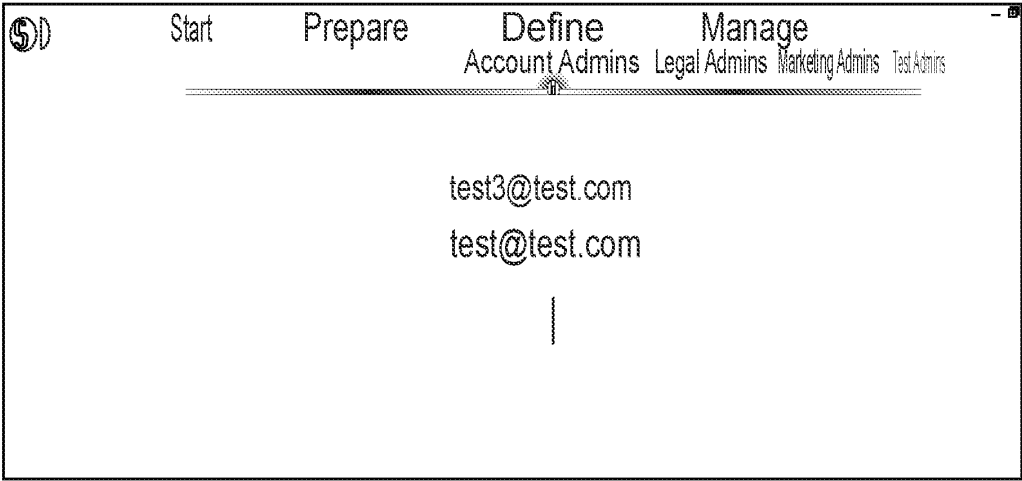


FIG. 61C

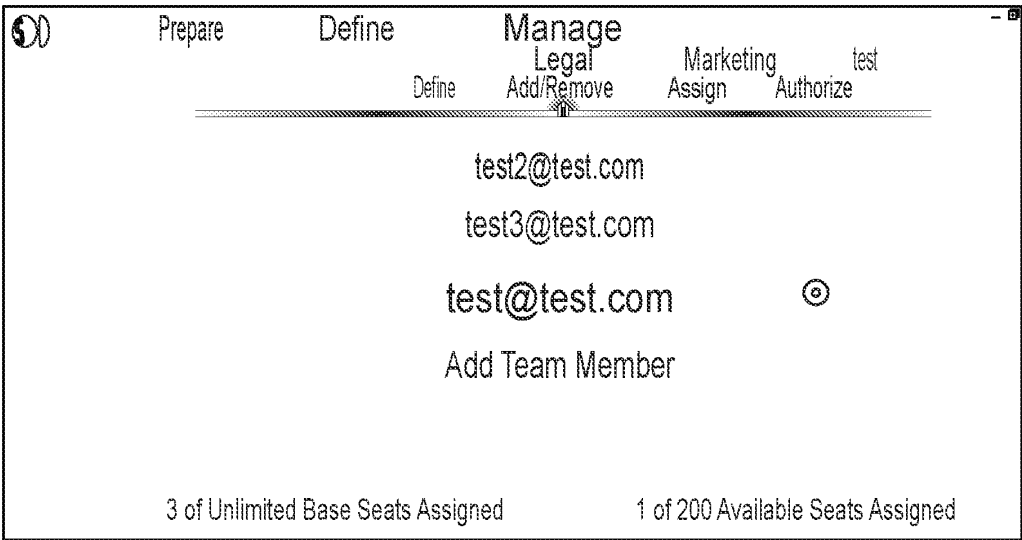


FIG. 61D

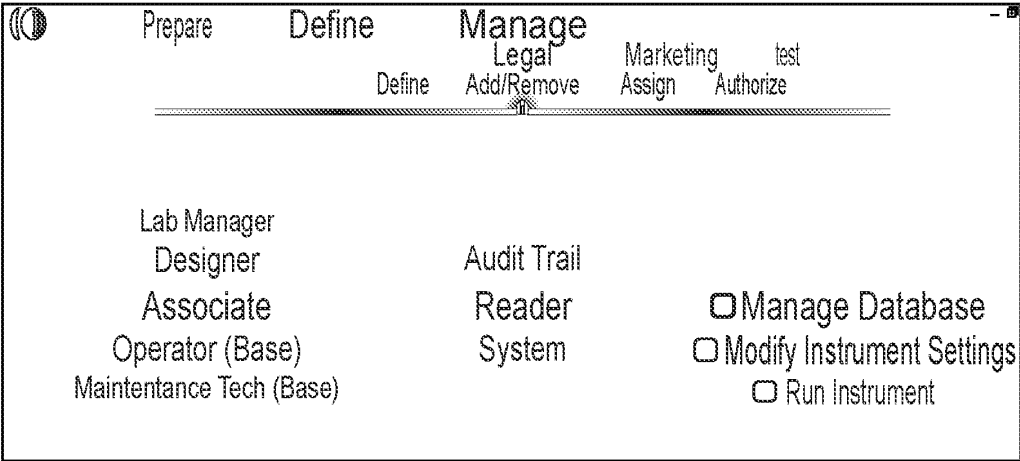


FIG. 61E

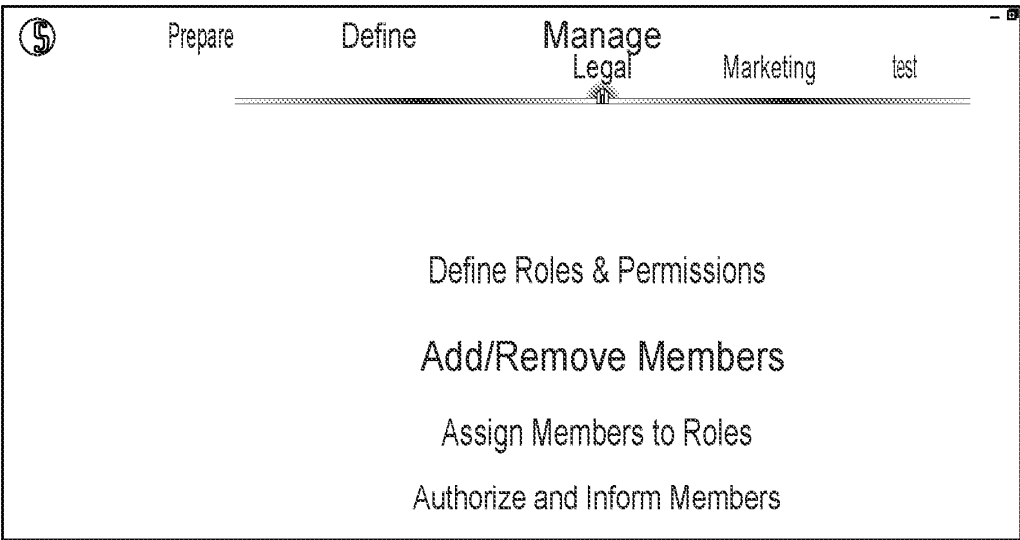


FIG. 61F

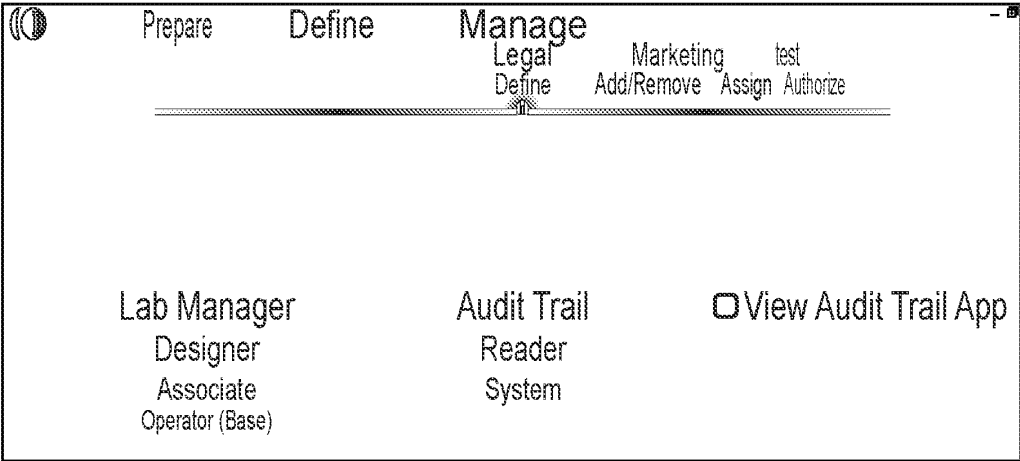


FIG. 61G

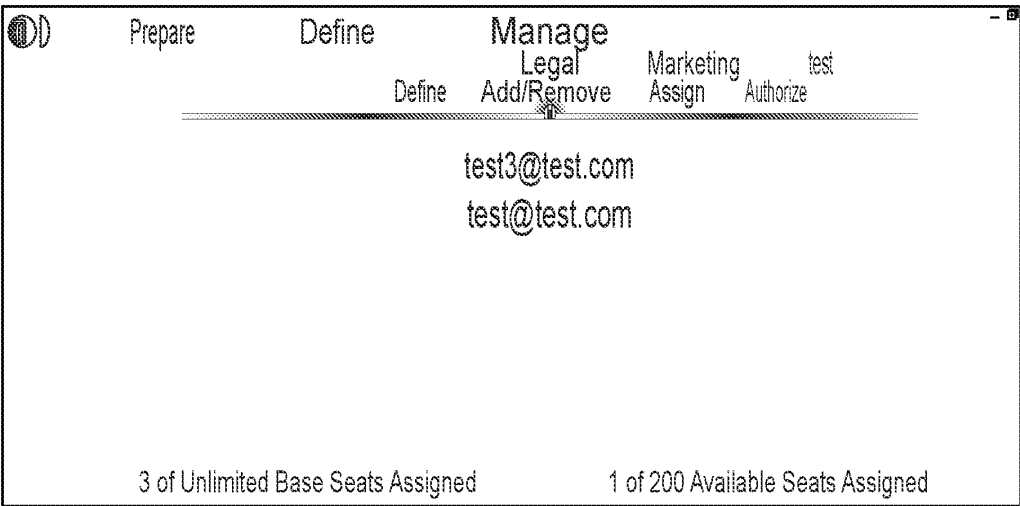


FIG. 61H

Prepare

Define

Manage

Legal

Marketing

test

Define

Add/Remove

Assign

Authorize

test2@test.com

test3@test.com

test@test.com

☐ Lab Manager

☐ Designer

☐ Associate

☒ Operator

3 of Unlimited Base Seats Assigned

1 of 200 Available Seats Assigned

FIG. 61I

Prepare

Define

Manage

Legal

Marketing

test

Define

Add/Remove

Assign

Authorize

Users

test2@test.com

test3@test.com

test@test.com

Roles

Operator

Operator

Operator

Authorize and Email

FIG. 61J

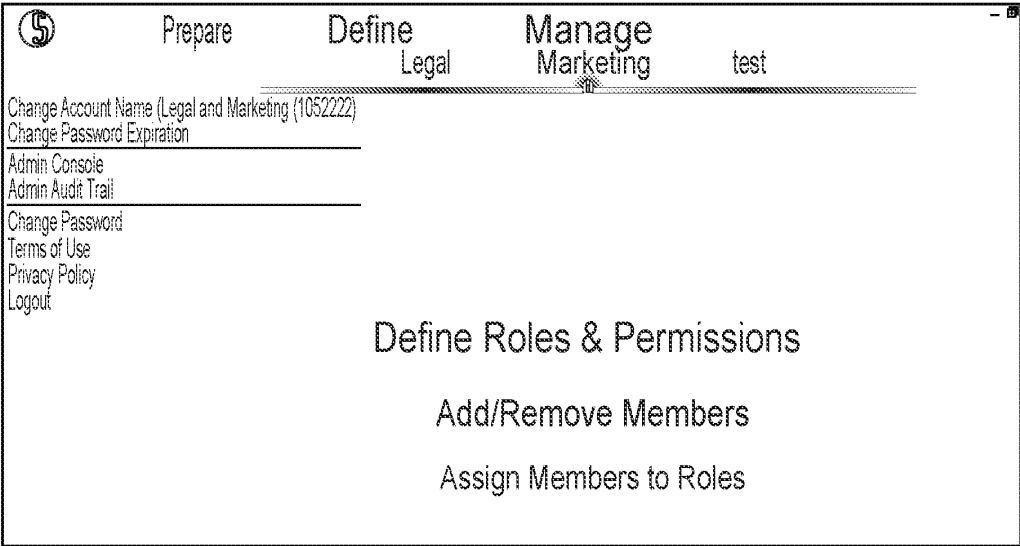


FIG. 61K

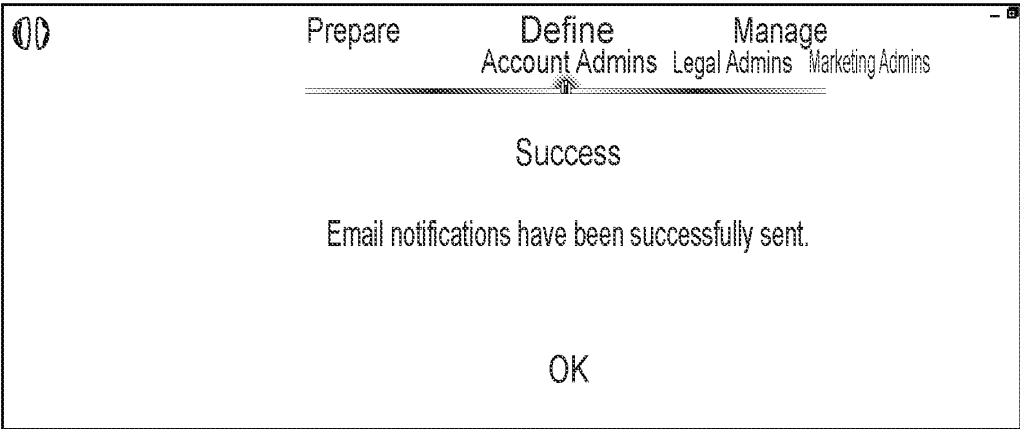


FIG. 61L

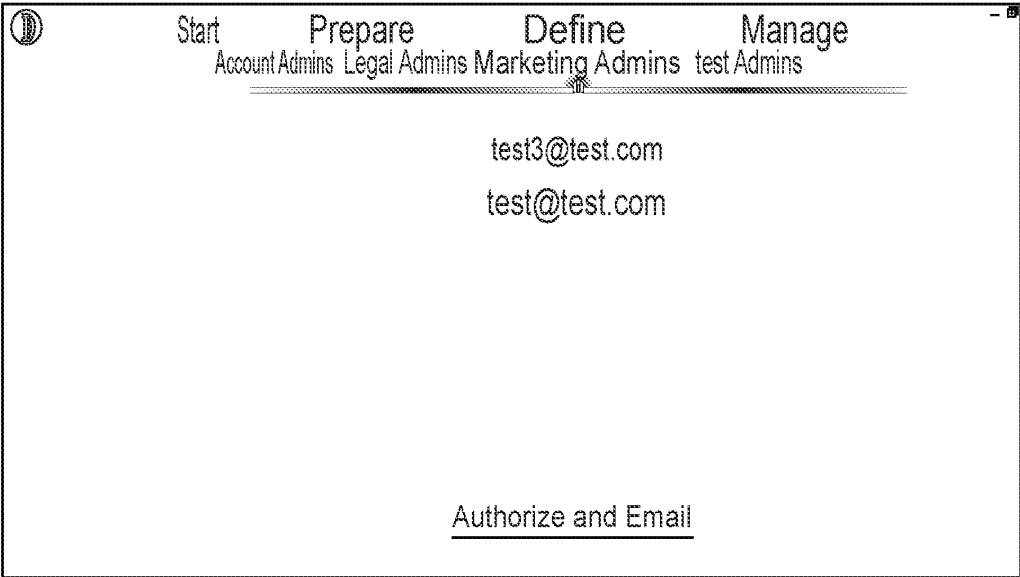


FIG. 61M

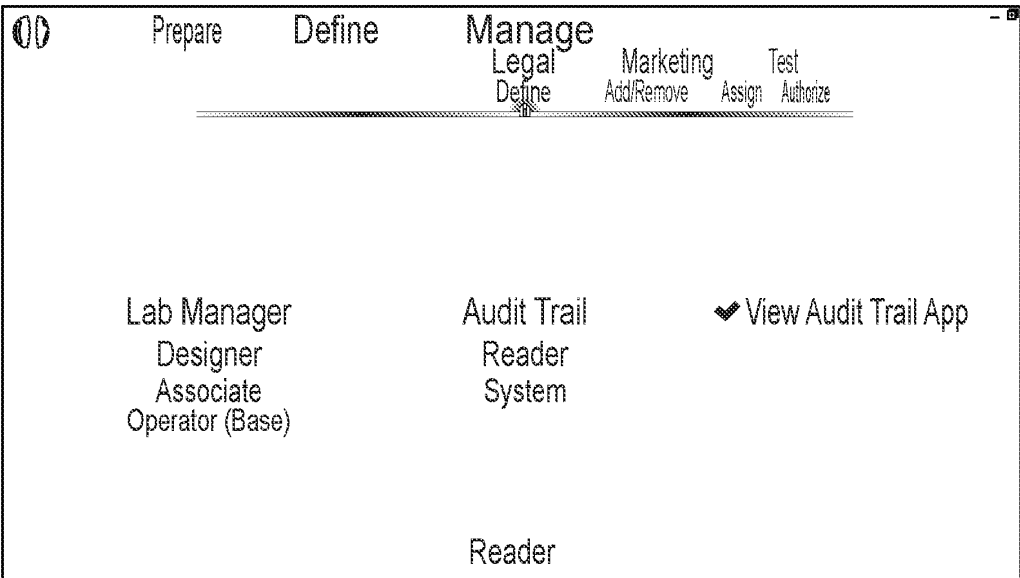


FIG. 61N

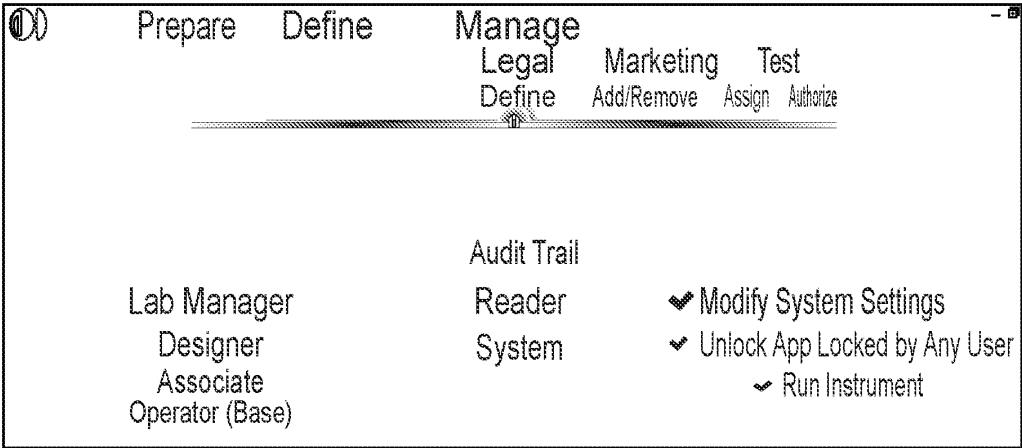


FIG. 61O

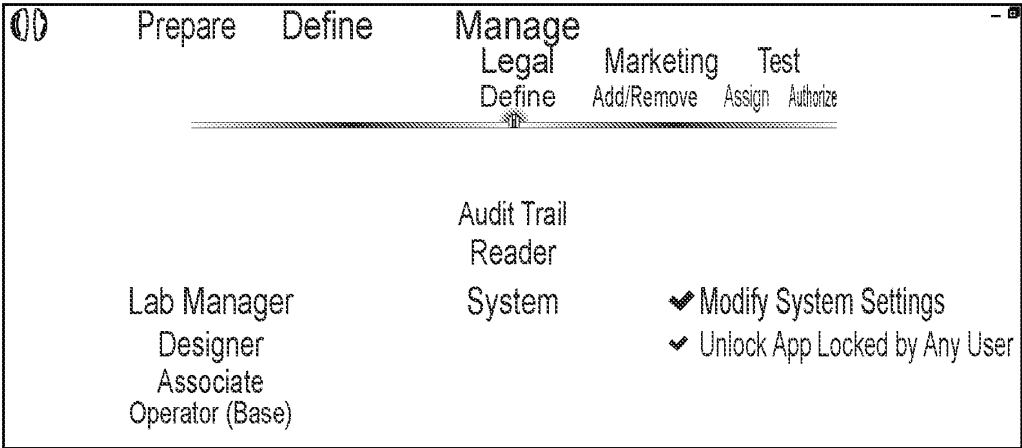


FIG. 61P

09

Start

All

Account

Legal

Timestamp	User Name	Type	Message	Code	IP Address
07/14/2019 16:50		INFO	Permission View Audit Trail App added to role Maintenance Tech	18068	
07/14/2019 16:49		INFO	Permission View Audit Trail App removed from role Lab Manager	18069	
07/14/2019 16:49		INFO	Permission View Audit Trail App added from role Lab Manager	18068	
07/14/2019 16:46		INFO	Account Admin test3@test.com added	18053	
07/14/2019 16:46		INFO	Account Admin test2@test.com added	18053	
07/14/2019 16:46		INFO	Account Admin test1@test.com added	18053	
07/14/2019 16:46		INFO		18063	
07/14/2019 16:43		INFO	User test3@test.com added to team Legal	18062	
07/14/2019 16:43		INFO	User test2@test.com added to team Legal	18062	

FIG. 61Q

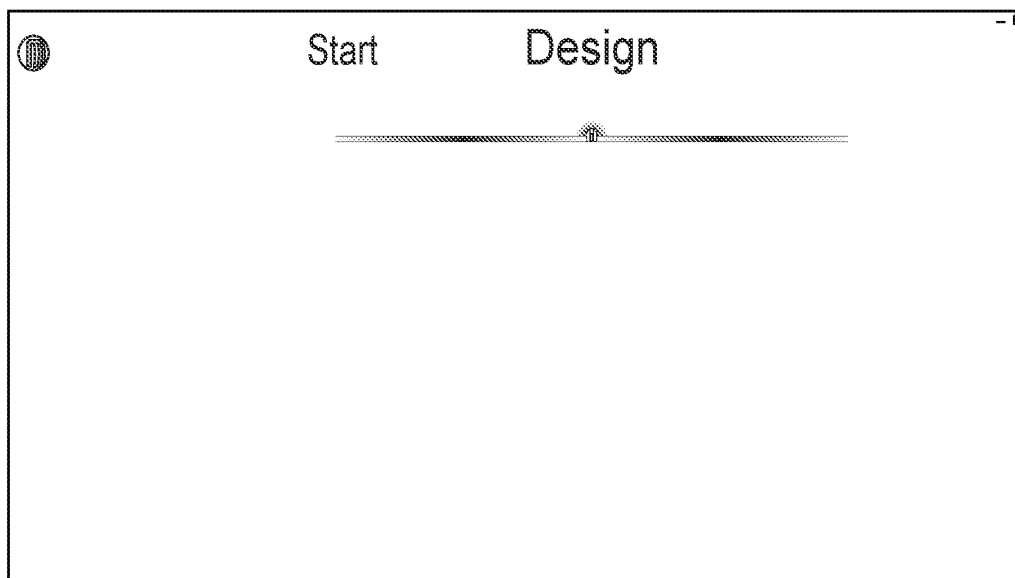


FIG. 62A

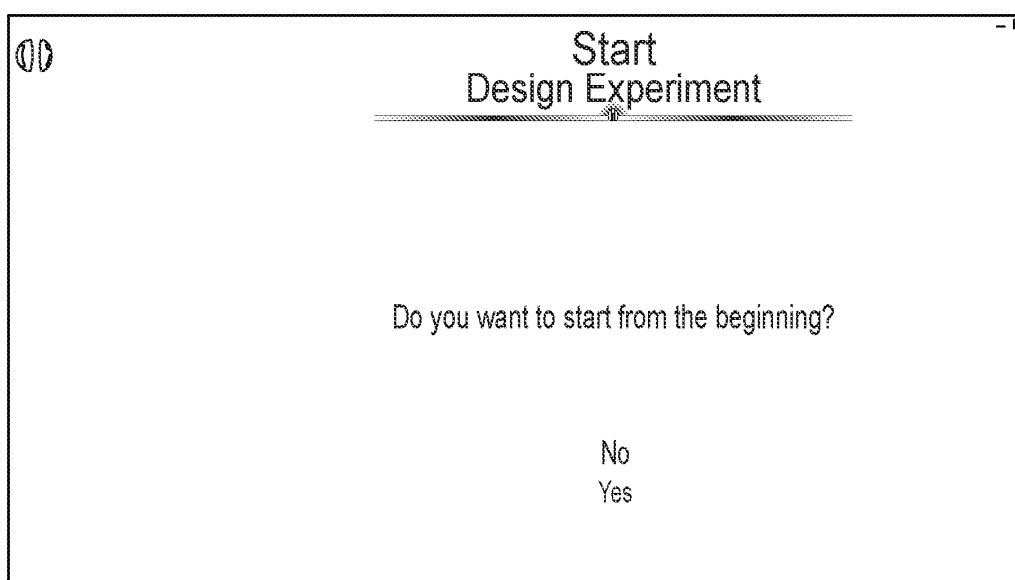


FIG. 62B

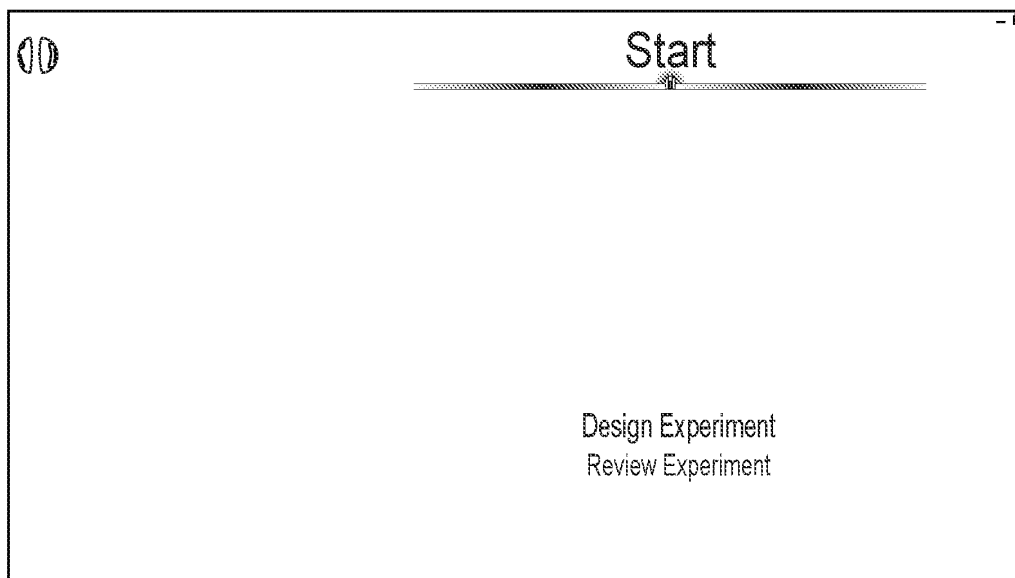


FIG. 62C

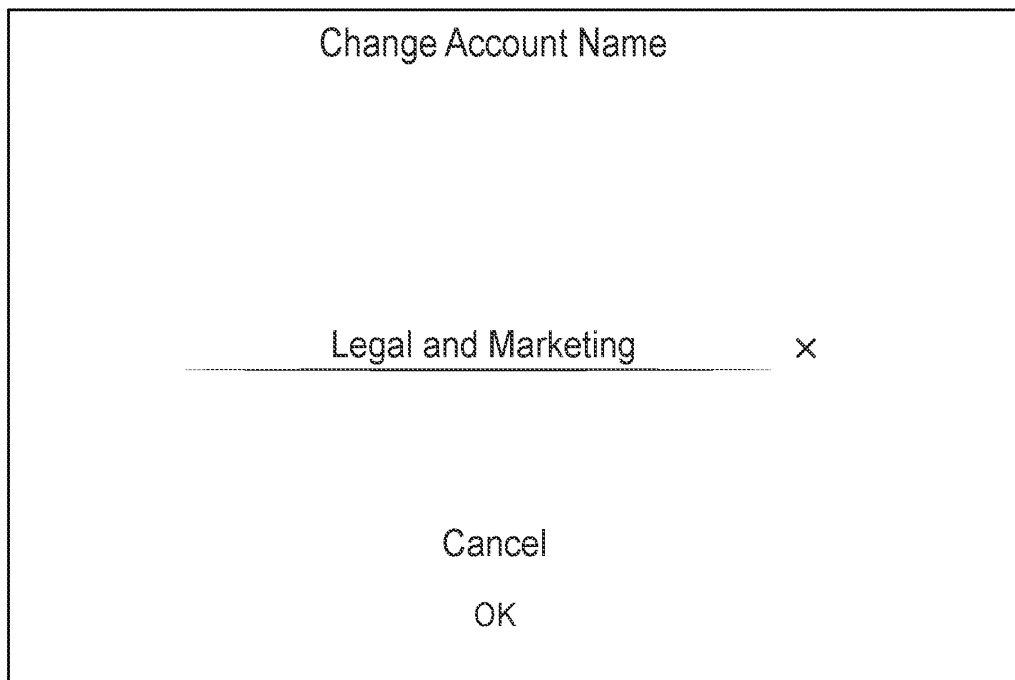
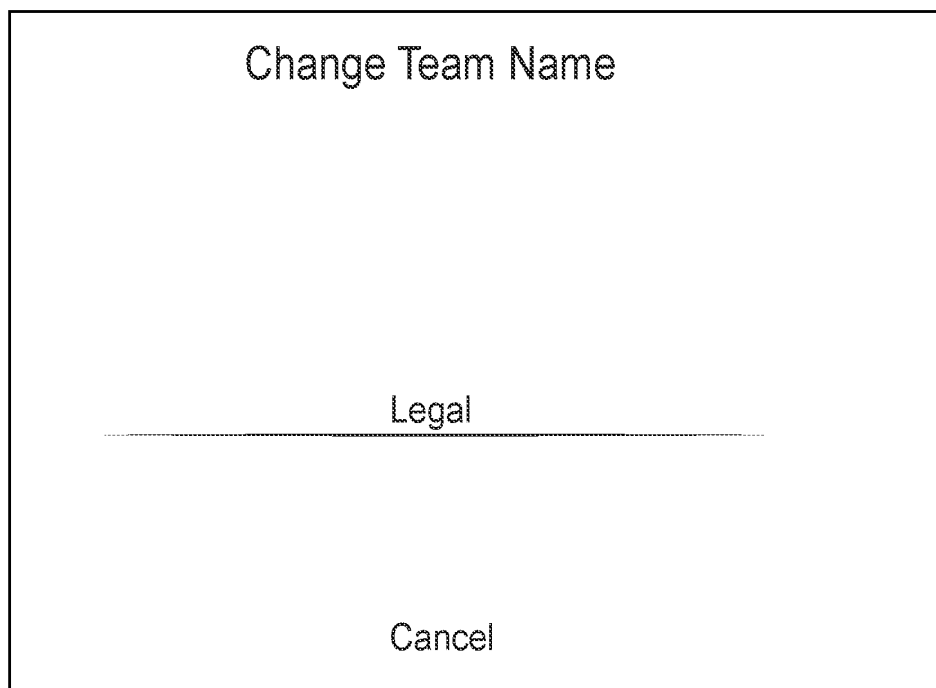


FIG. 62D



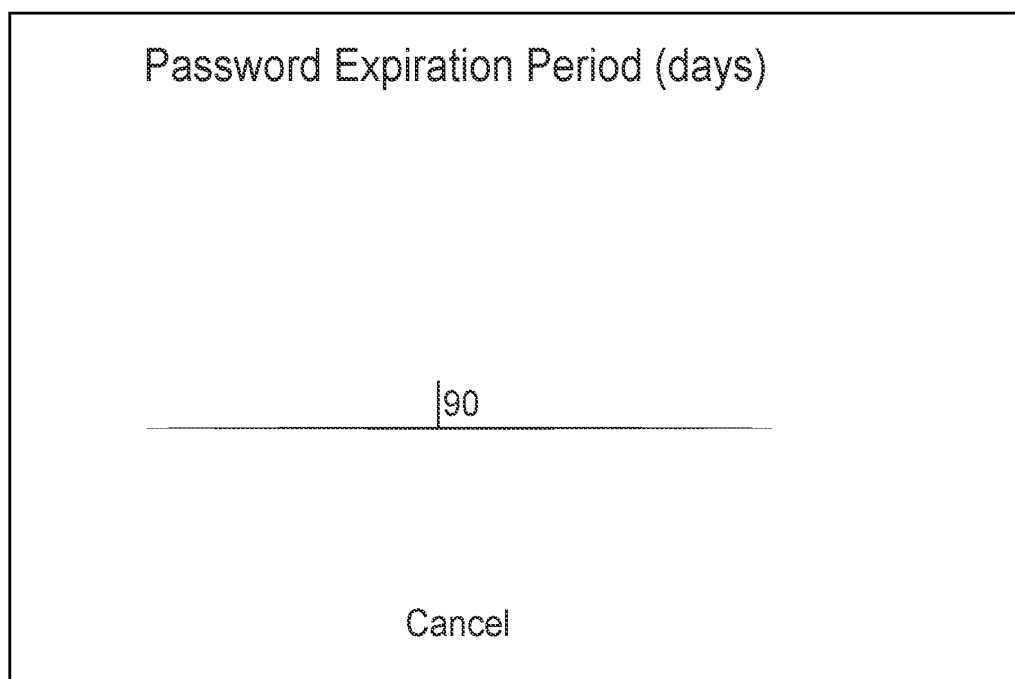
Change Team Name

Legal

Cancel

A rectangular dialog box with a black border. At the top, the text "Change Team Name" is centered. Below it, a horizontal line is present, with the word "Legal" centered above it. At the bottom, the word "Cancel" is centered.

FIG. 62E



Password Expiration Period (days)

90

Cancel

A rectangular dialog box with a black border. At the top, the text "Password Expiration Period (days)" is centered. Below it, a horizontal line is present, with the number "90" centered above it. At the bottom, the word "Cancel" is centered.

FIG. 62F

System

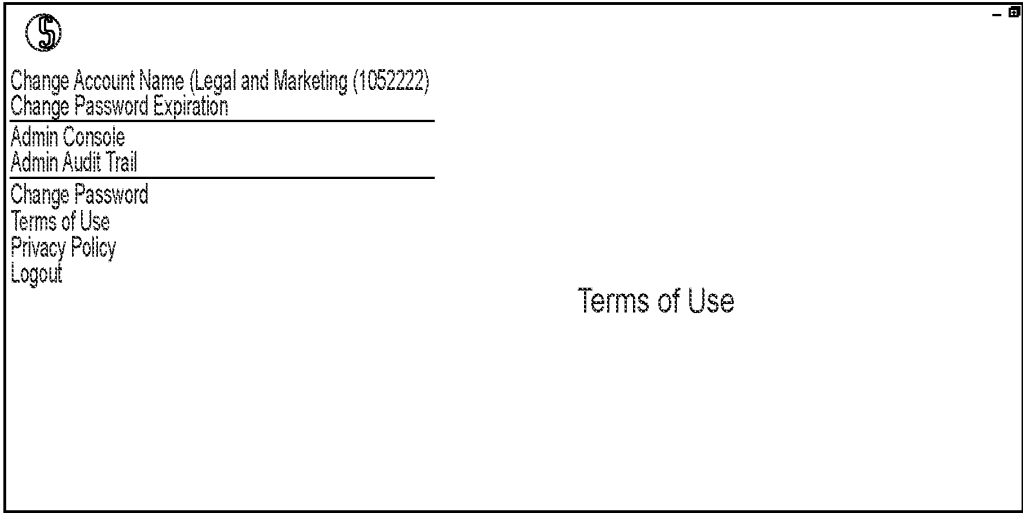


FIG. 62G

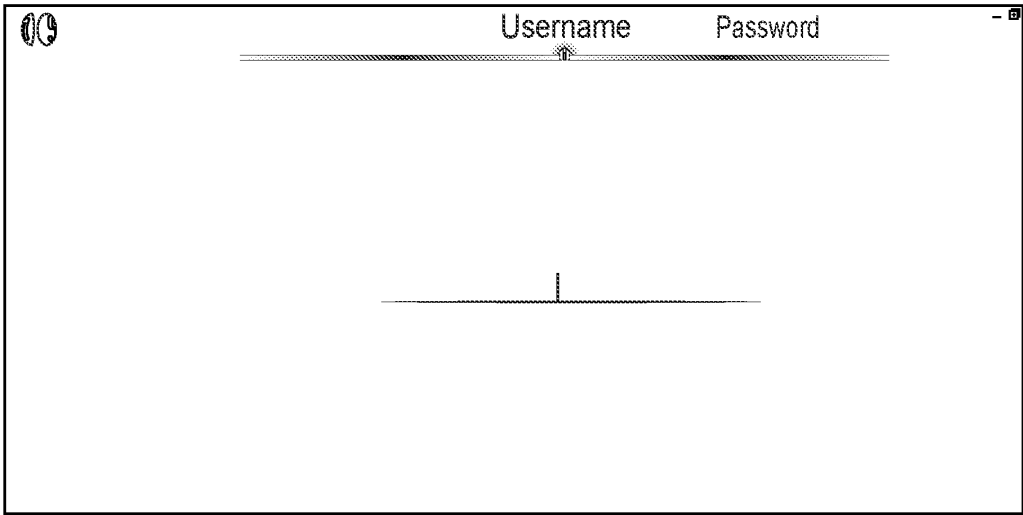
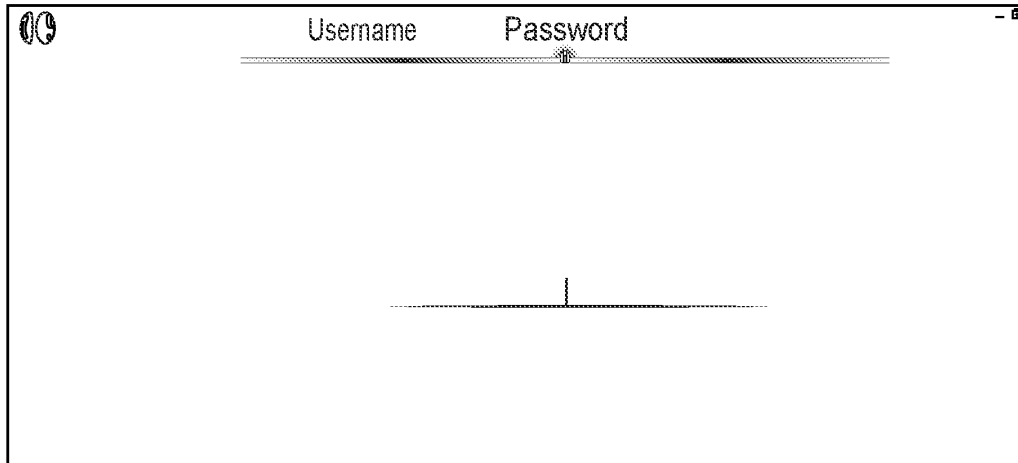


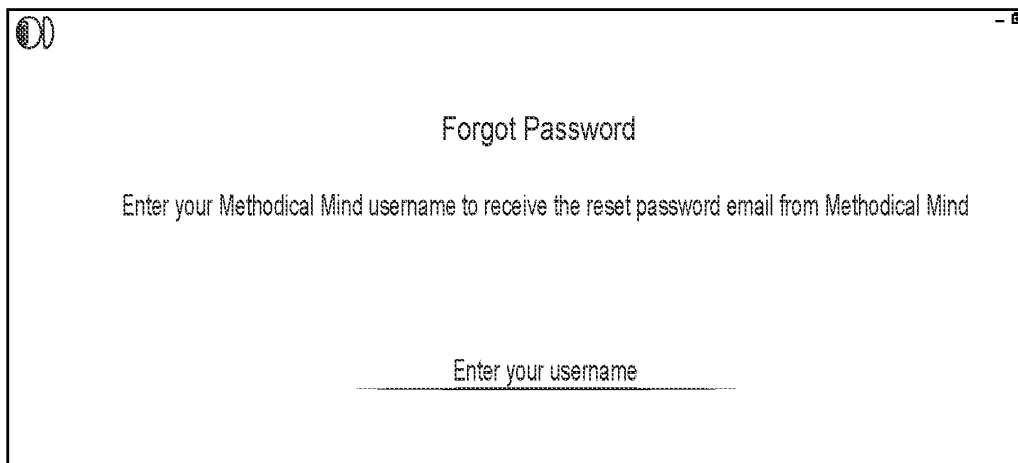
FIG. 62H

System



A screenshot of a system login interface. At the top left is a logo consisting of two overlapping circles. The title "System" is centered at the top. Below the title are two input fields: "Username" and "Password". The "Username" field is a single-line text box, and the "Password" field is a single-line text box with a small eye icon to its right. Below these fields is a large, empty rectangular area, likely for a password hint or a message.

FIG. 62I



A screenshot of a "Forgot Password" interface. At the top left is a logo consisting of two overlapping circles. The title "Forgot Password" is centered at the top. Below the title is a message: "Enter your Methodical Mind username to receive the reset password email from Methodical Mind". Below the message is a single-line text input field with the placeholder text "Enter your username".

FIG. 62J

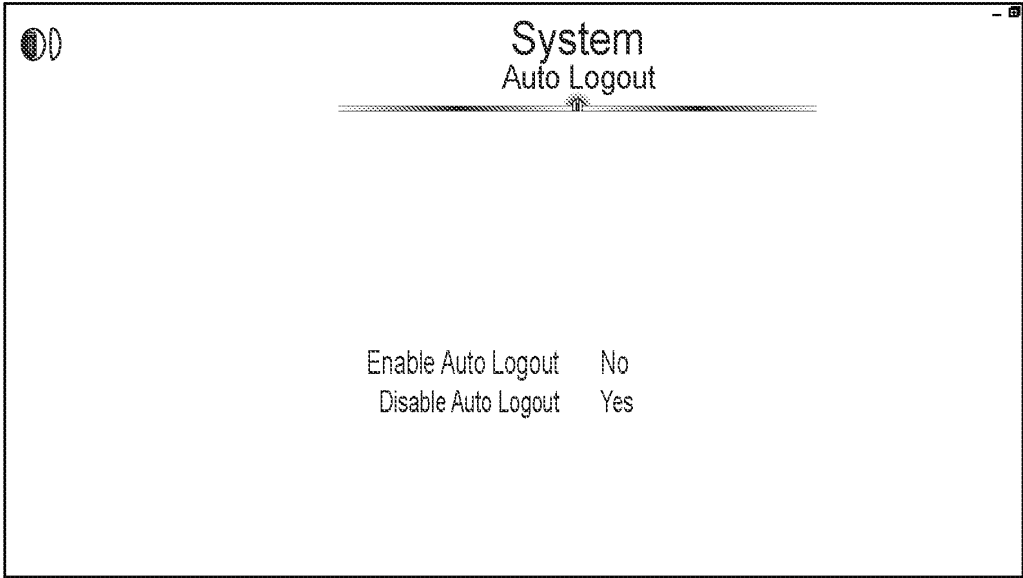


FIG. 62K

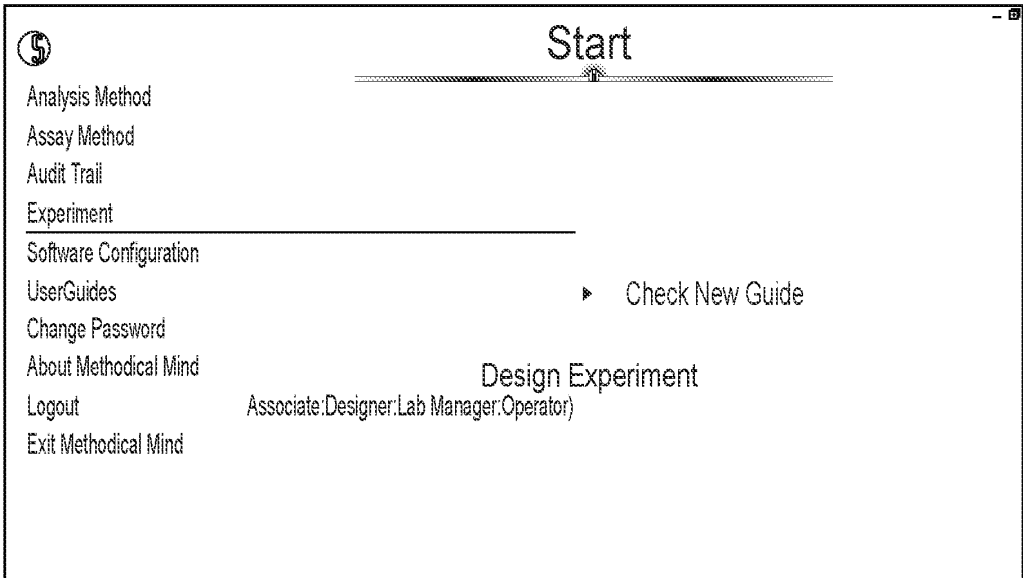


FIG. 62L



System

Auto Logout

Change Cloud Password

Current Cloud Password

New Cloud Password

Confirm New Cloud Password

Change Password

Cancel

FIG. 62M



System

Auto Logout

Change Cloud Password

Change cloud password failed. Service response: Password must be between 8 and 128
characters long and contain at least one upper case letter, one lower case letter, one number, and
one of these symbols (!@#\$%^&*()-= +<>[]|)

Old password must be specified

OK

FIG. 62N

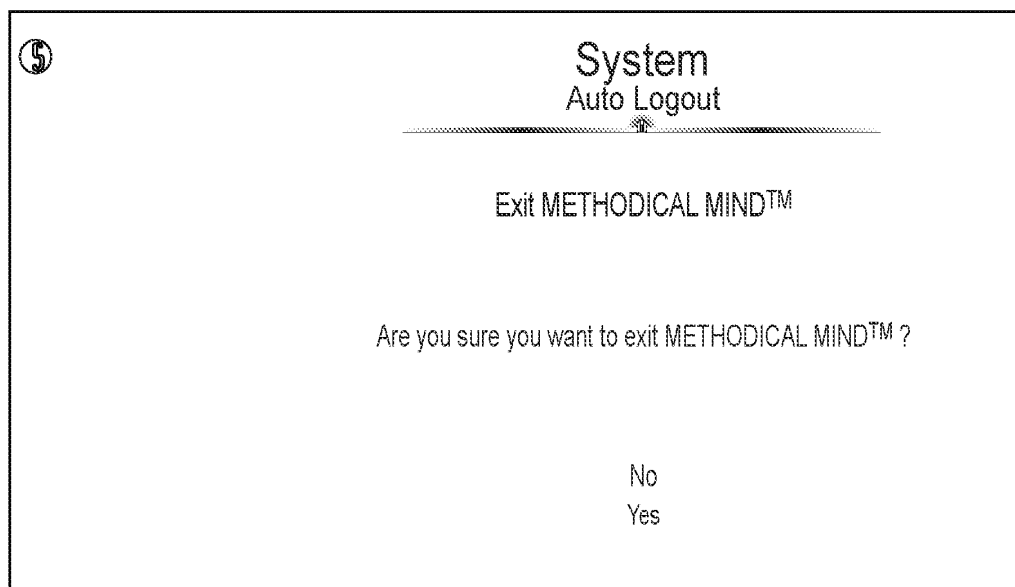


FIG. 62O

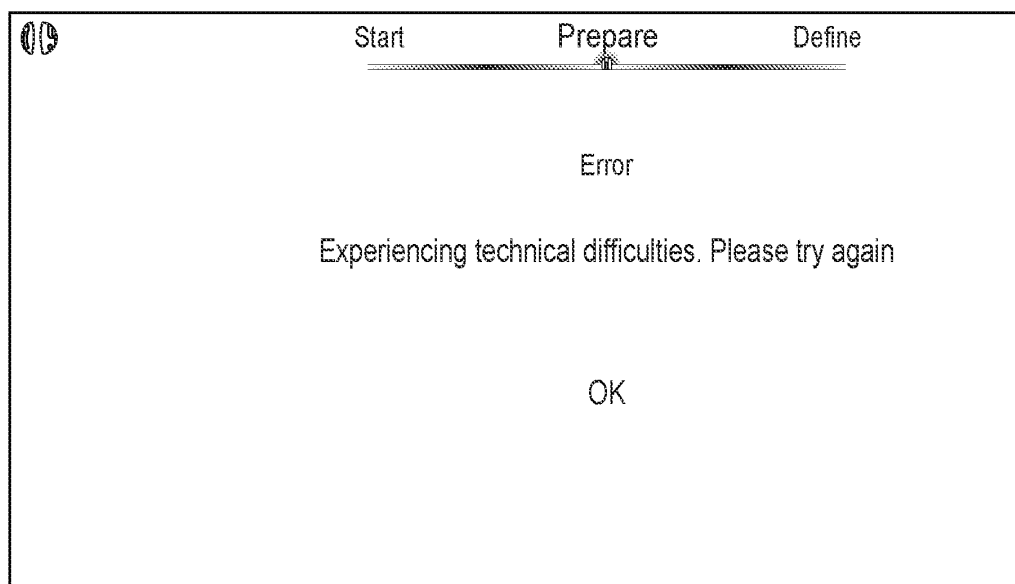


FIG. 62P

09

Start

Timestamp	Username	Module	Record ID	Type	Message	Category	Code	IP Address
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	
06/17/2019 15:17:54 EDT		Assay Engine		AUTOMATIC		RECORD	11715	

12345678910

1/10

FIG. 63

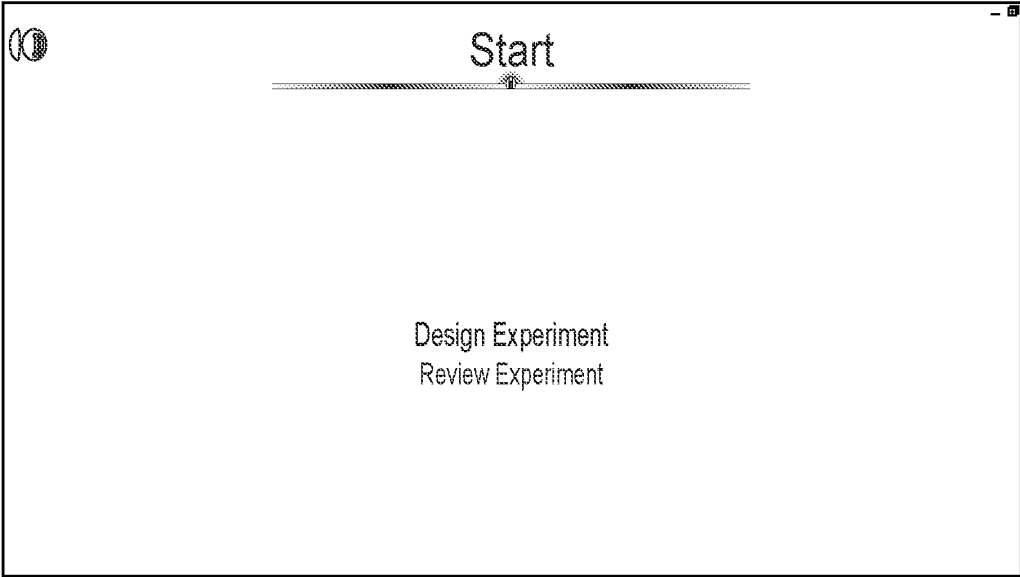


FIG. 64A

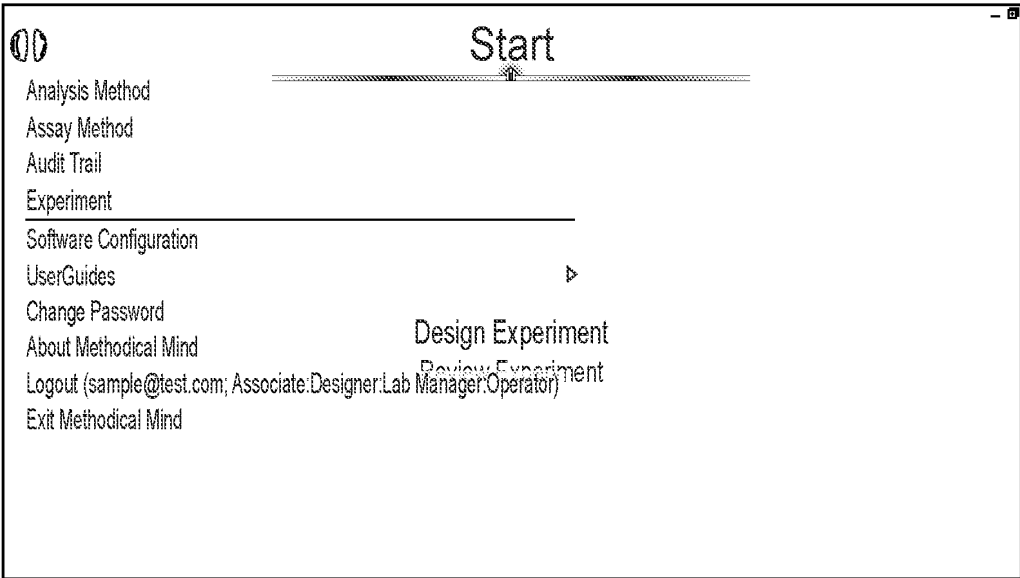


FIG. 64B

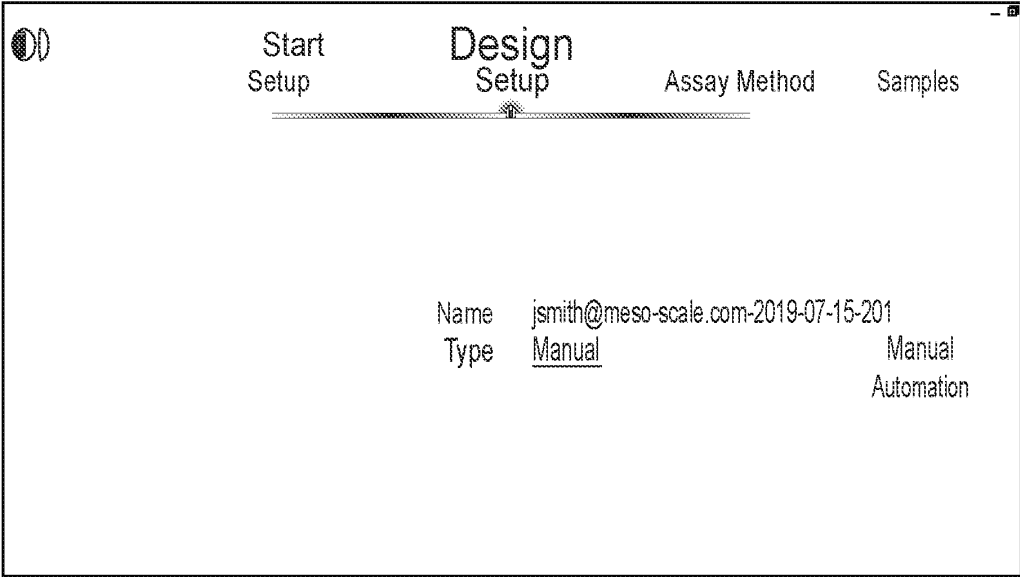


FIG. 64C

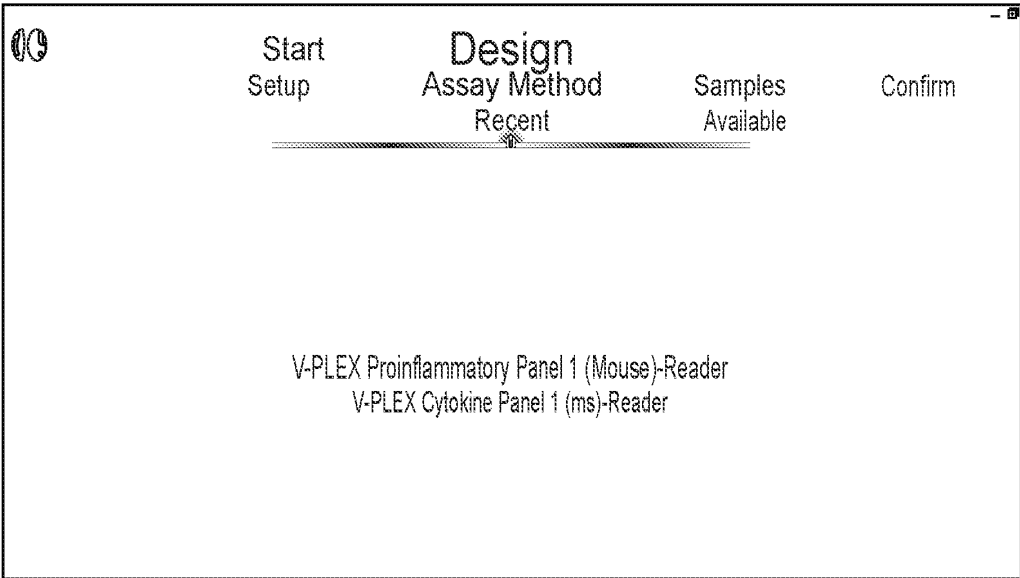


FIG. 64D

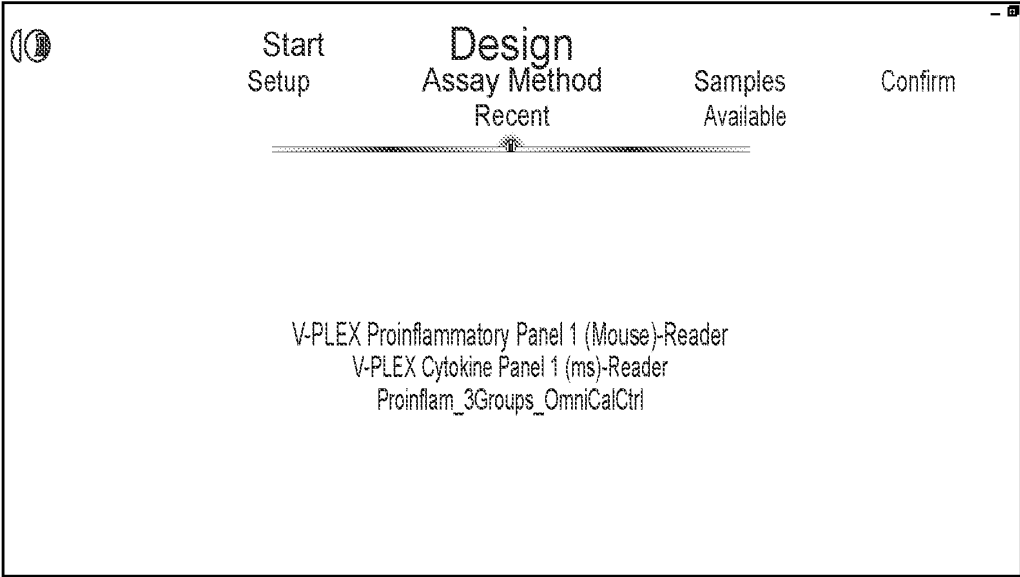


FIG. 64E

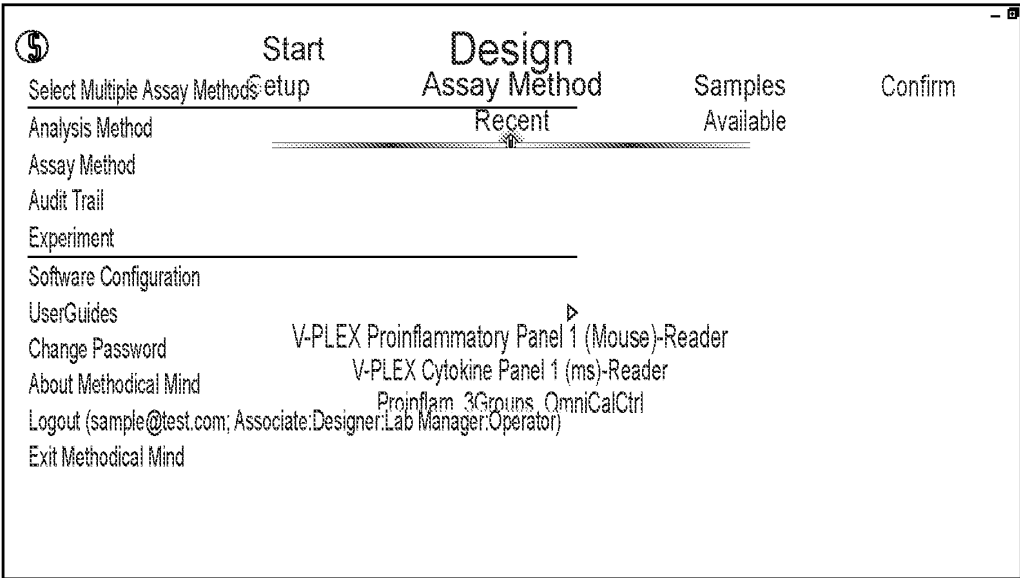


FIG. 64F

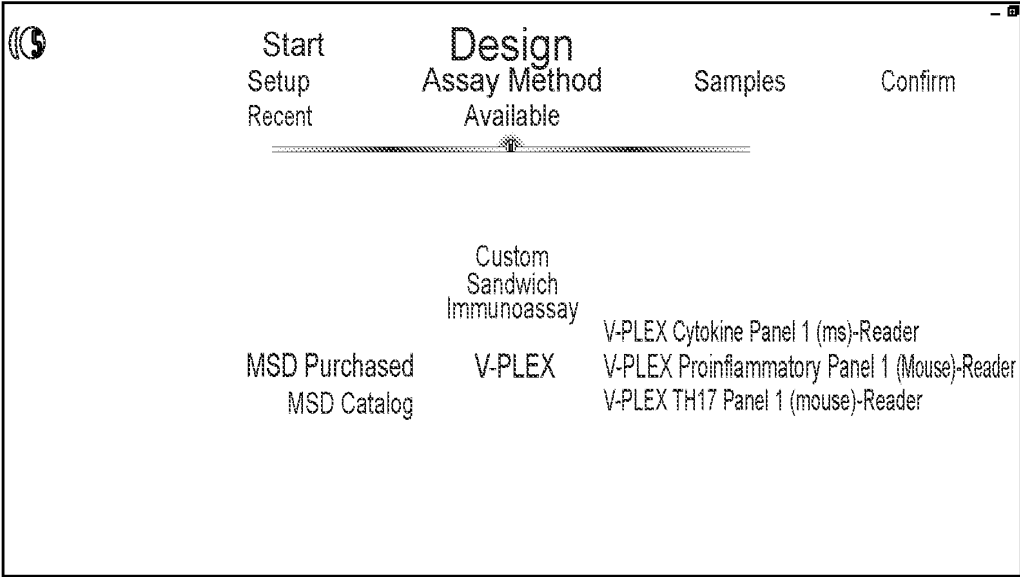


FIG. 64G

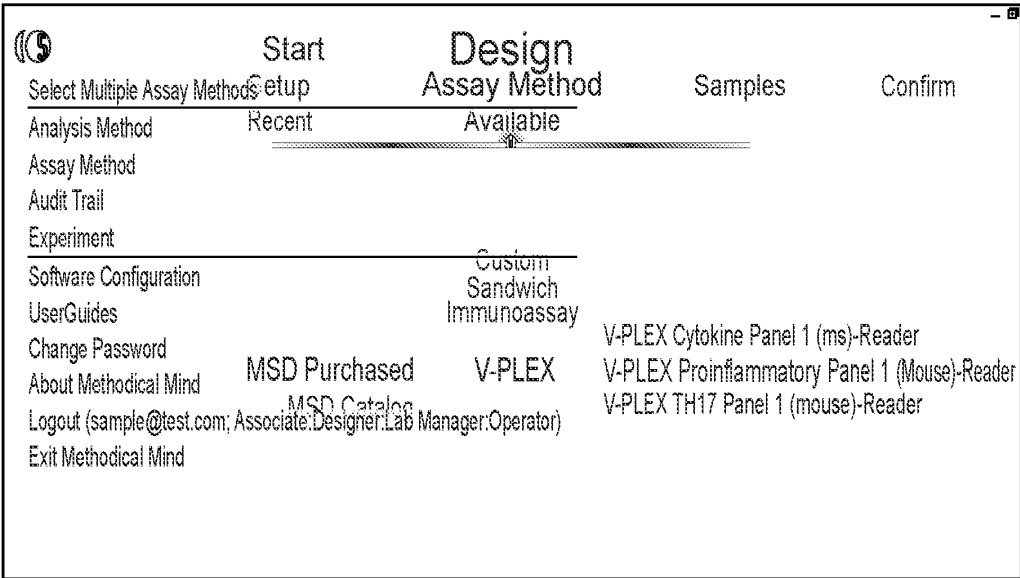


FIG. 64H

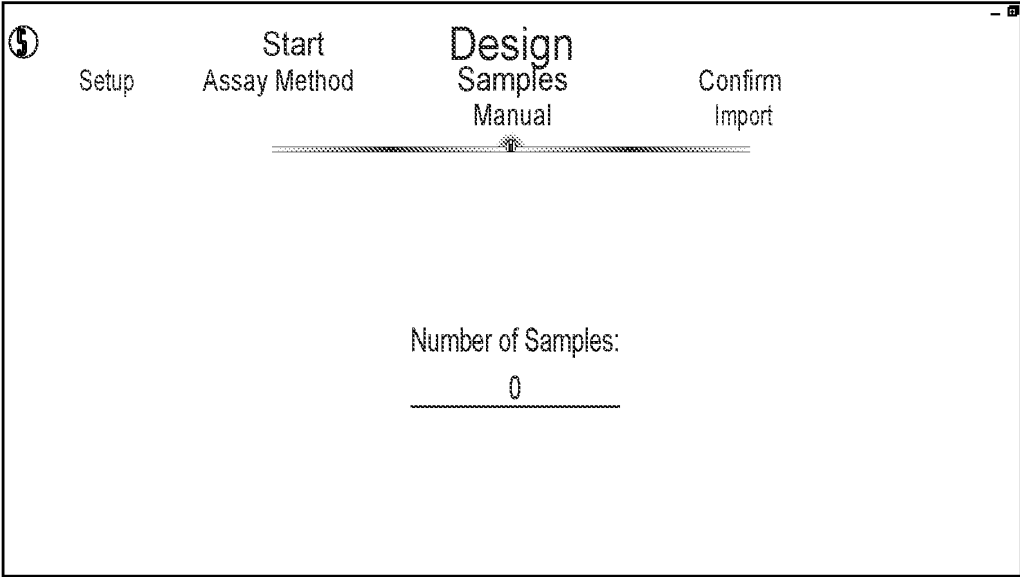


FIG. 64I

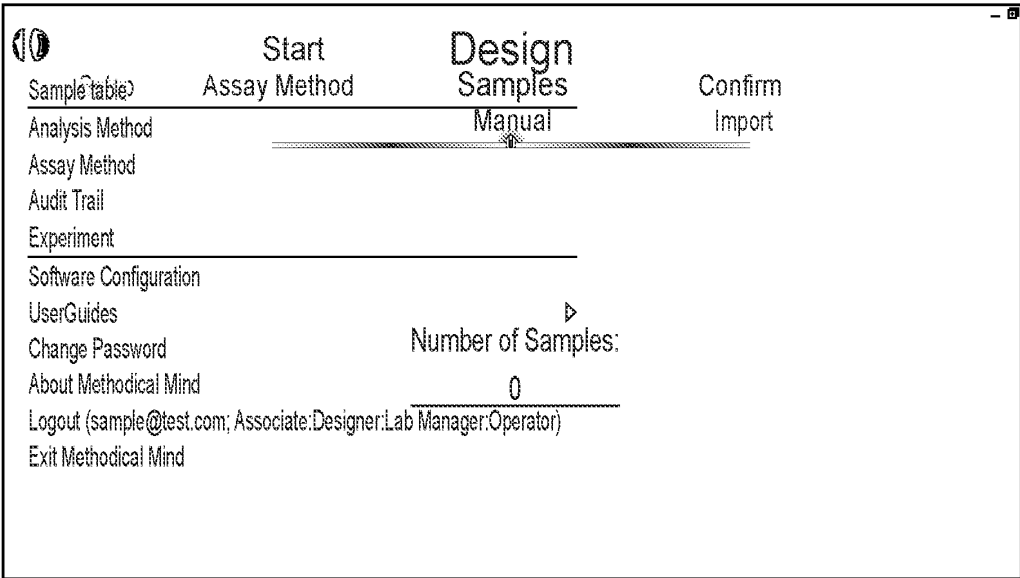


FIG. 64J



FIG. 64K

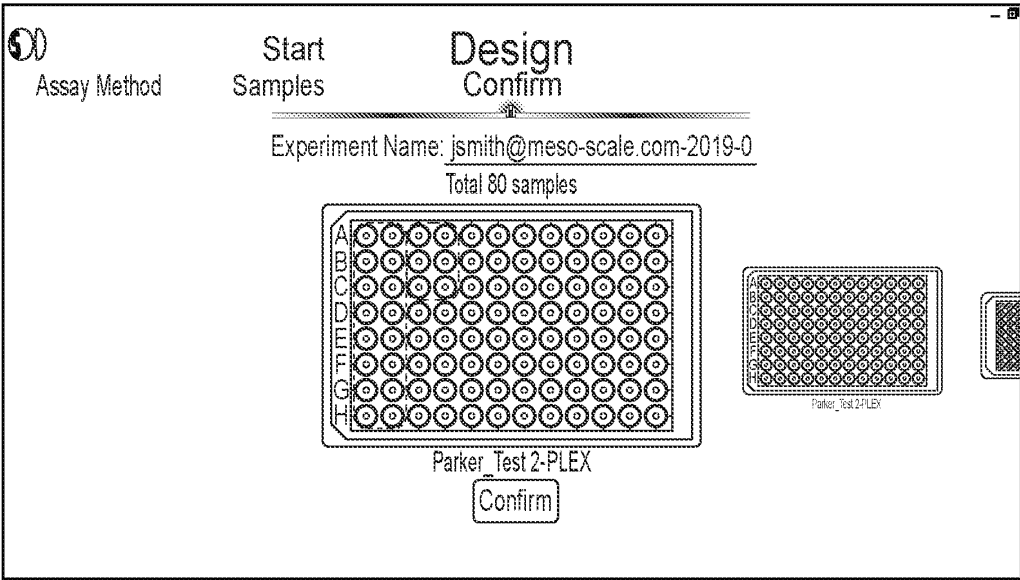


FIG. 64L

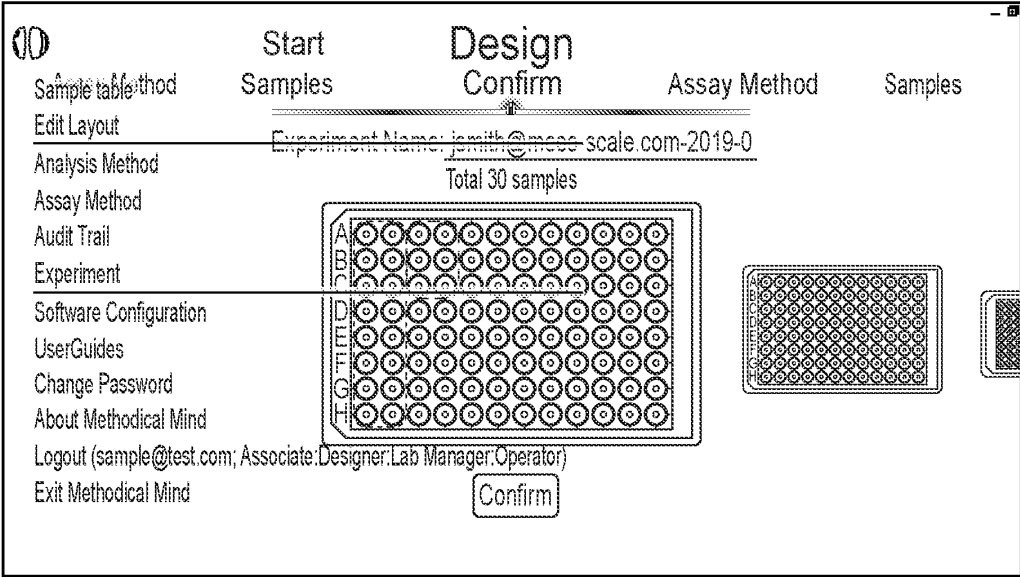


FIG. 64M

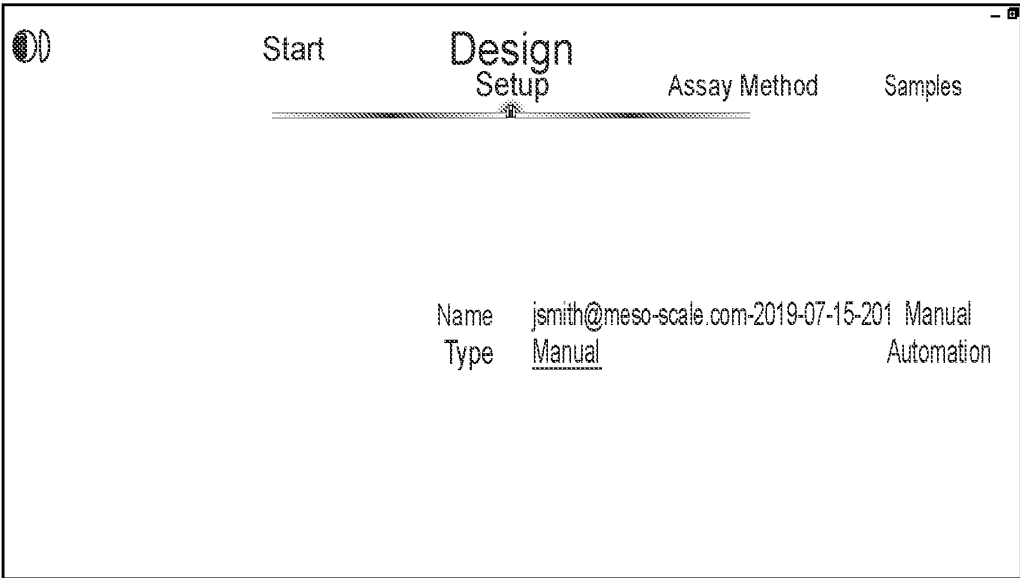


FIG. 64N

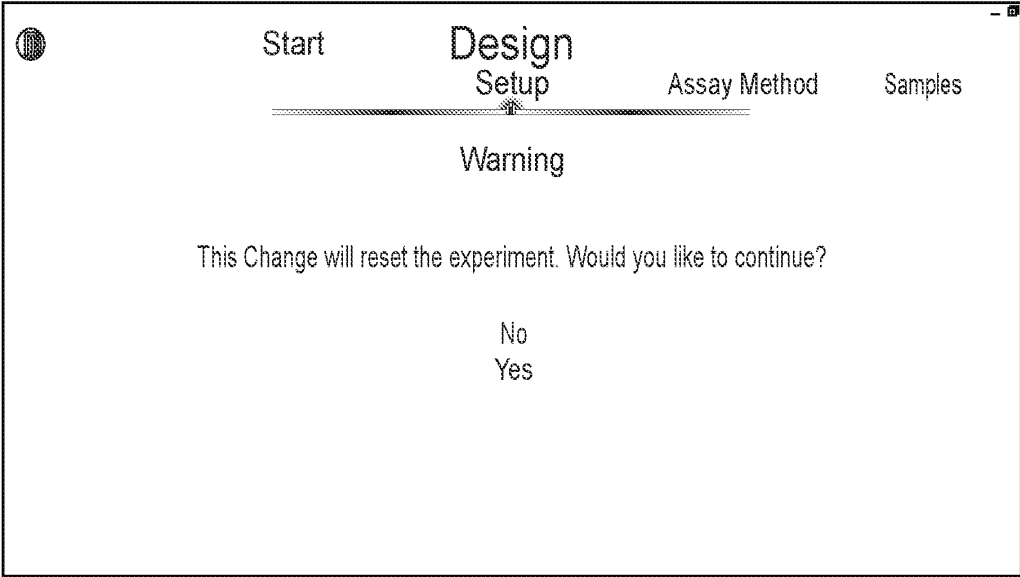


FIG. 64O

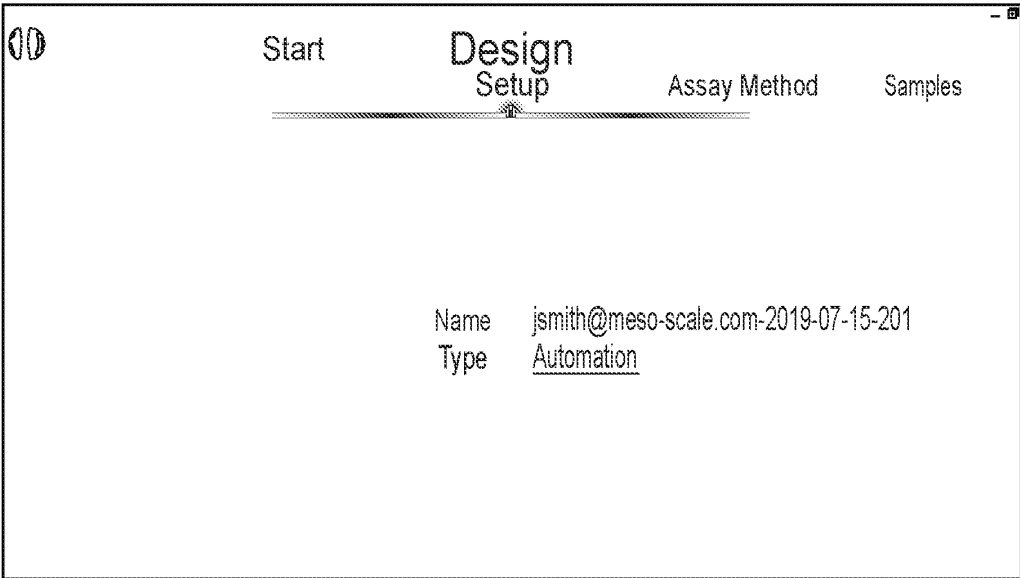


FIG. 64P

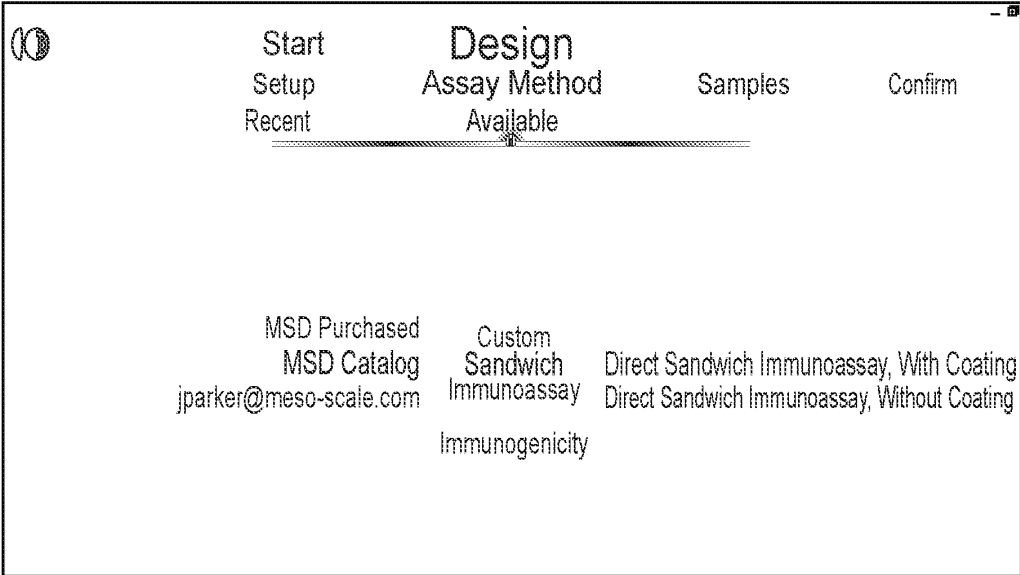


FIG. 64Q

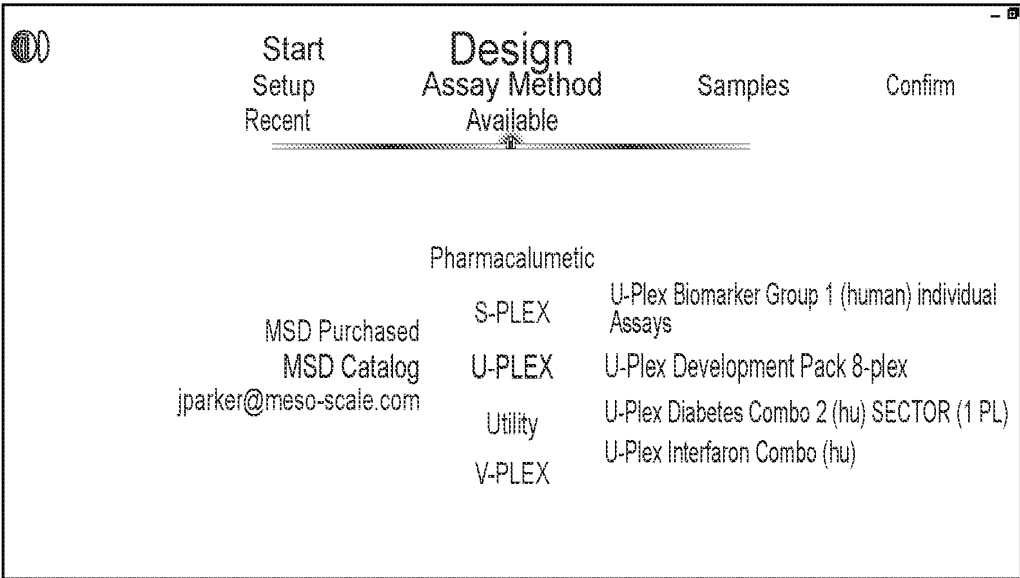


FIG. 64R

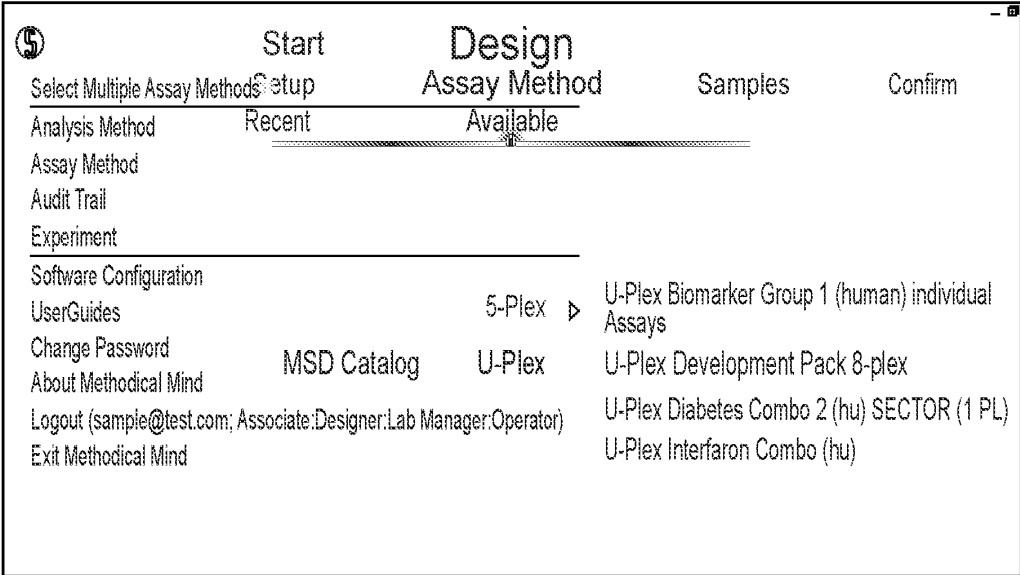


FIG. 64S

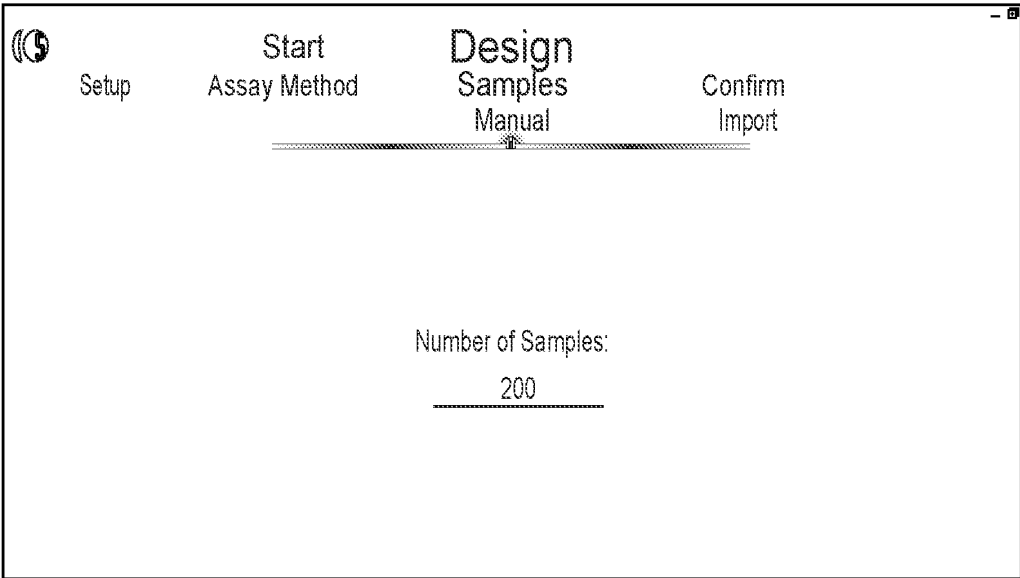


FIG. 64T

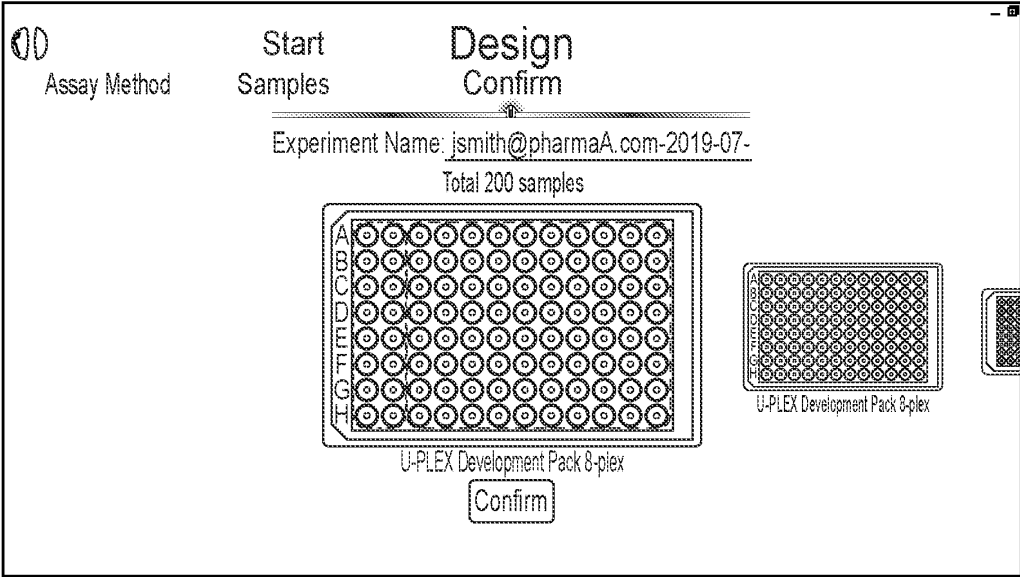


FIG. 64U

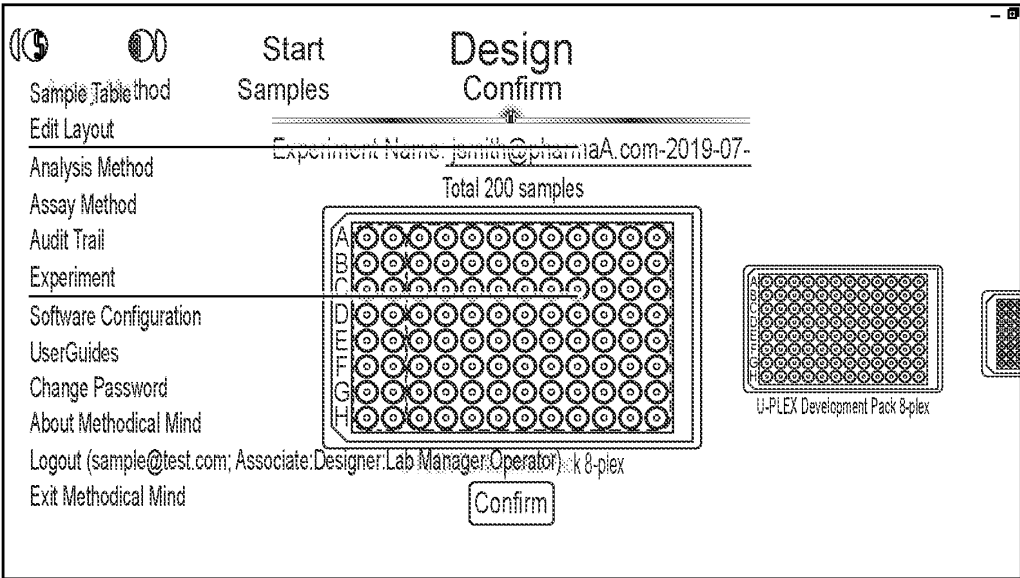


FIG. 64V

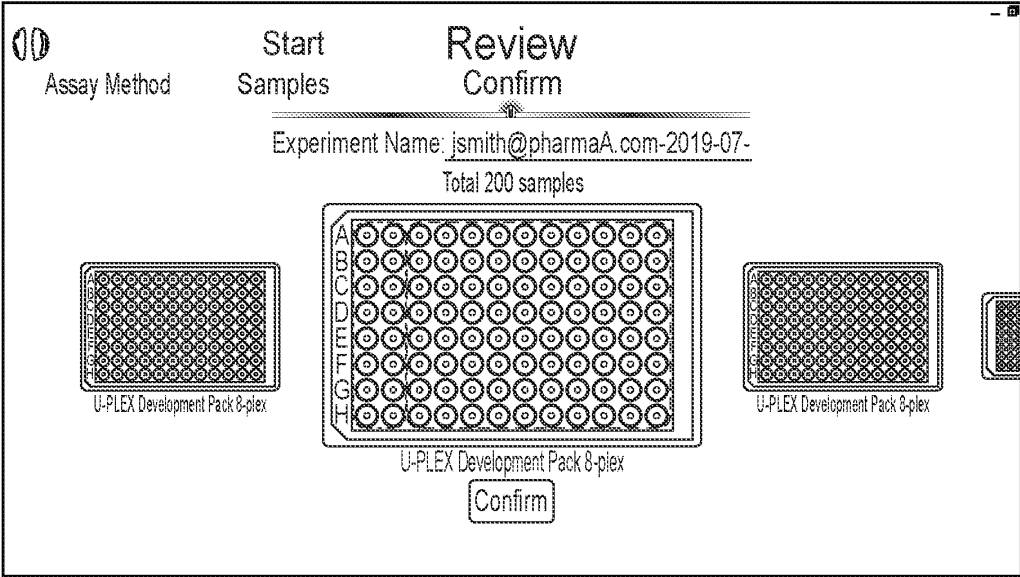


FIG. 64W

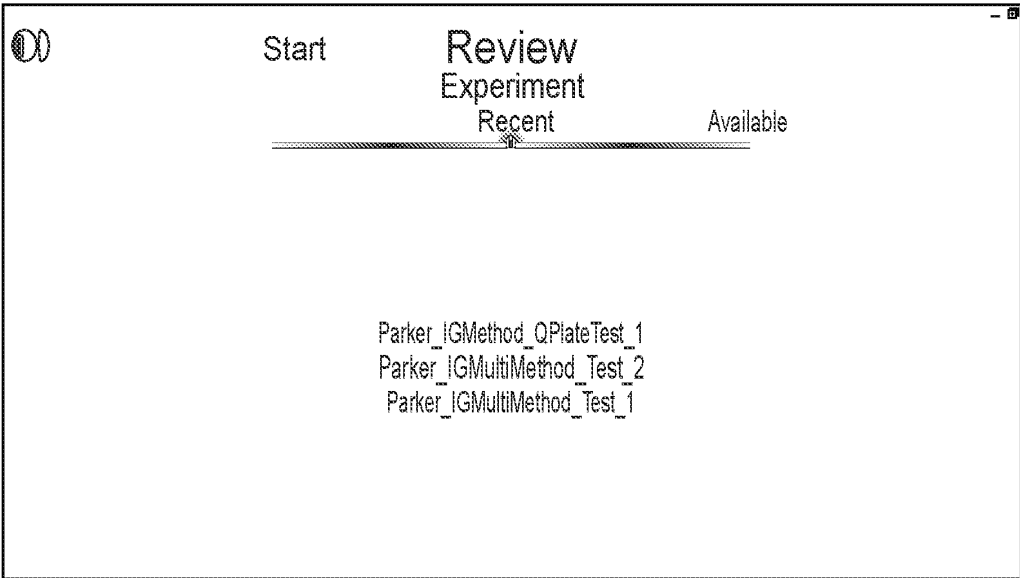


FIG. 64X

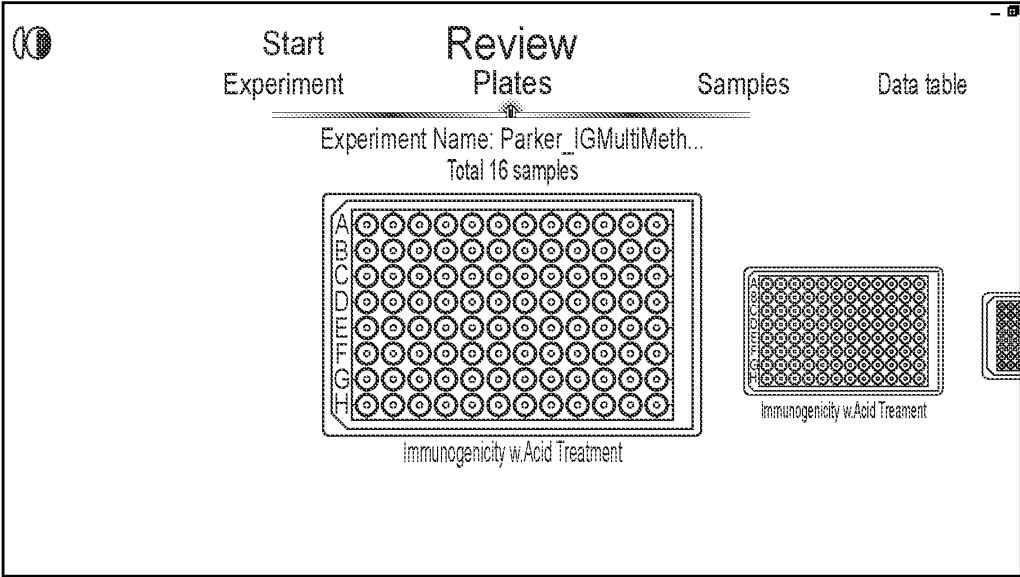


FIG. 64Y

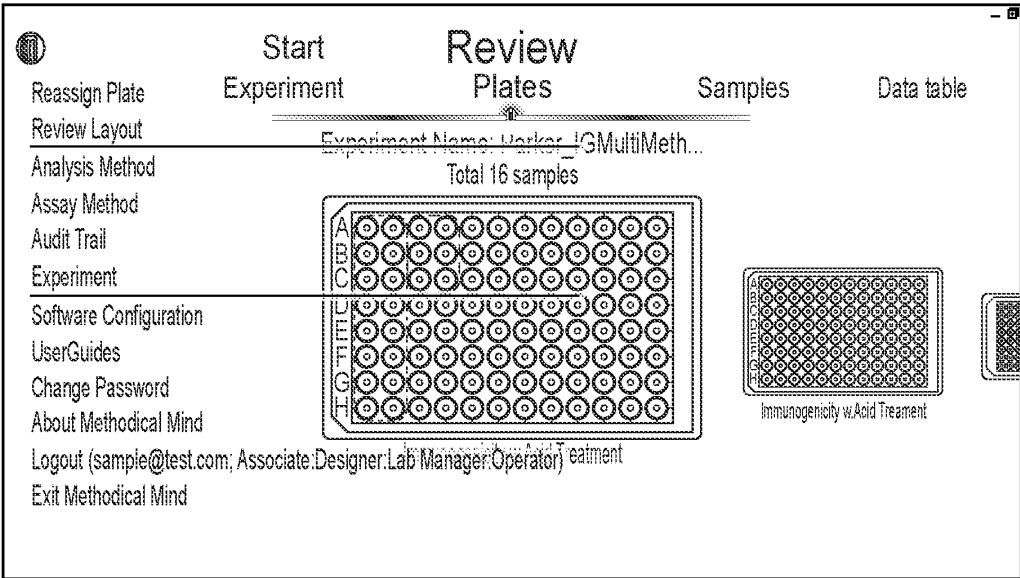


FIG. 64Z

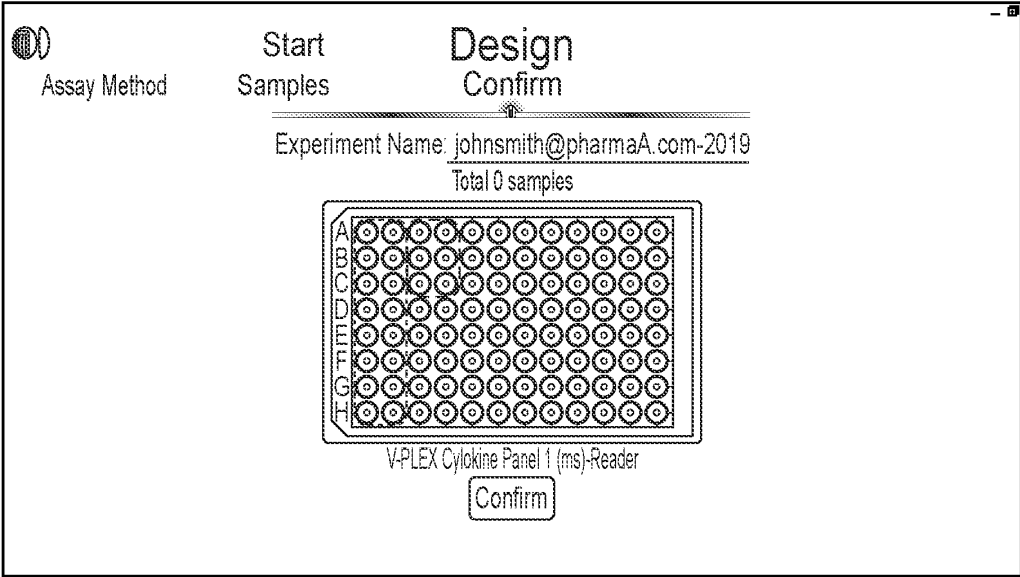


FIG. 64AA

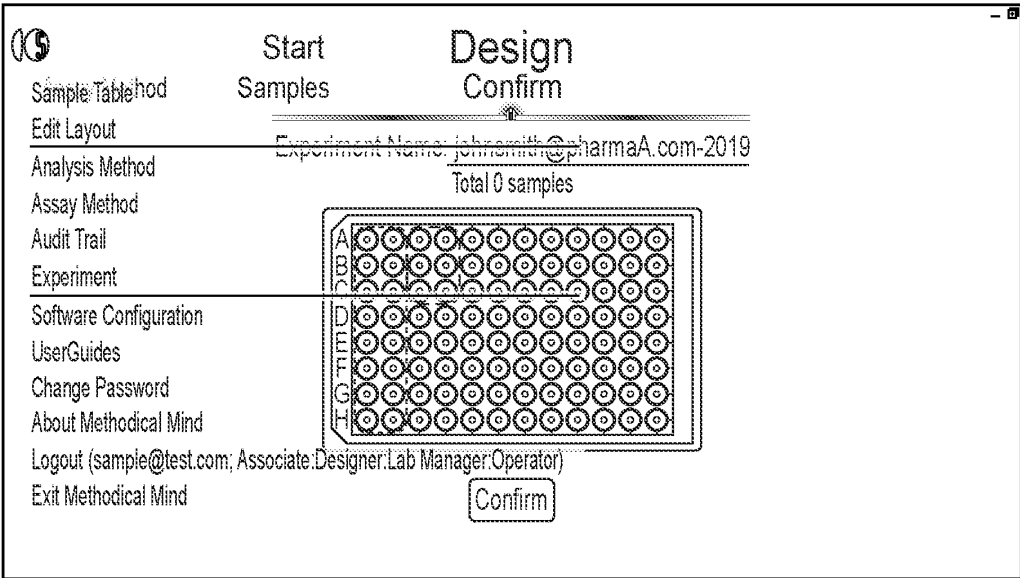


FIG. 64BB

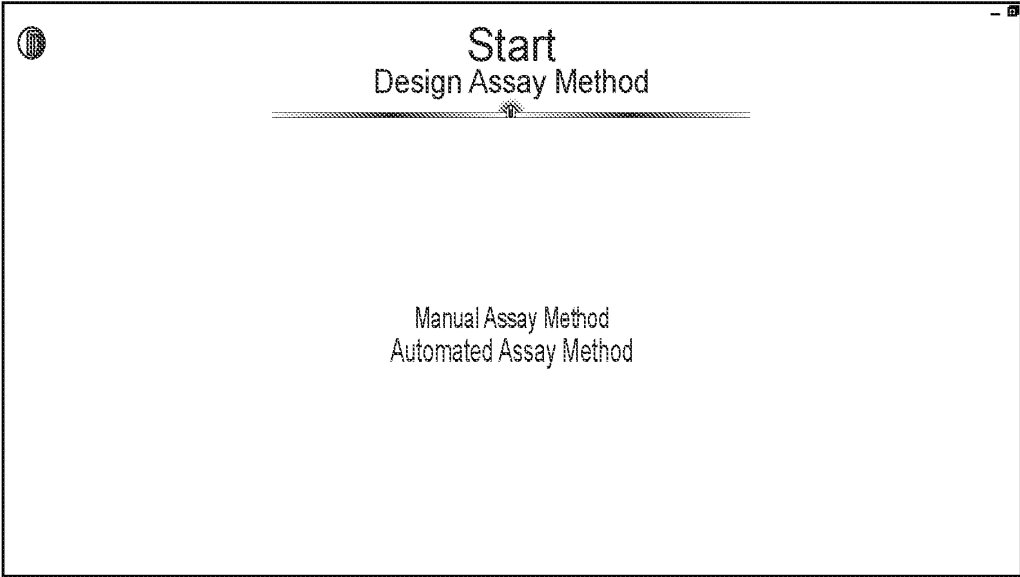


FIG. 64CC



FIG. 64DD

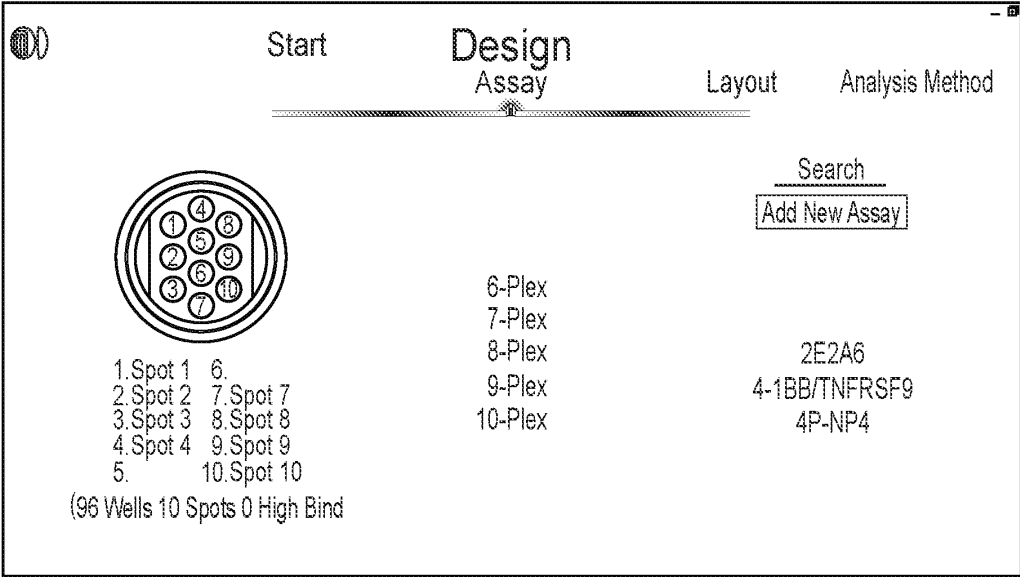


FIG. 64EE

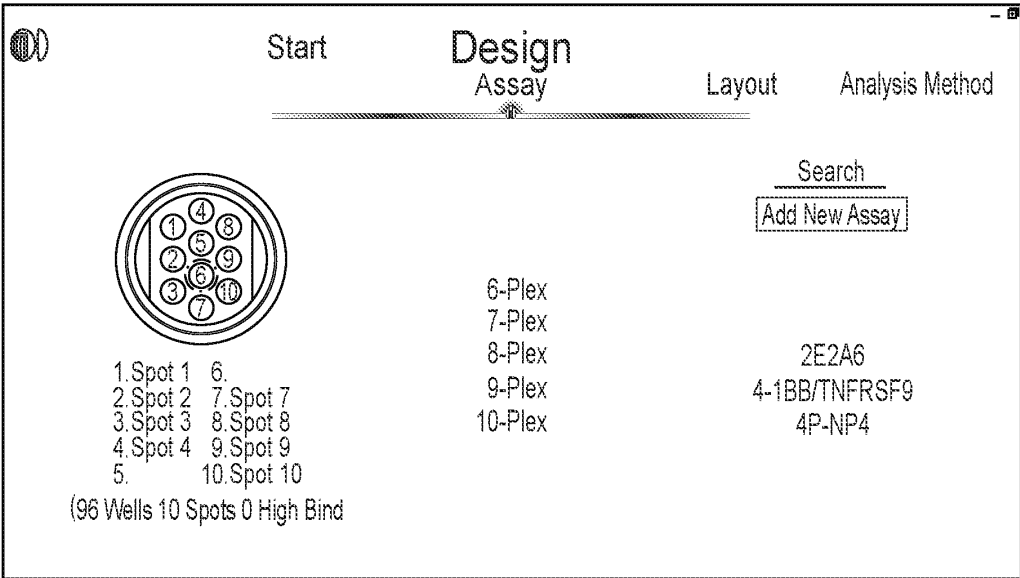
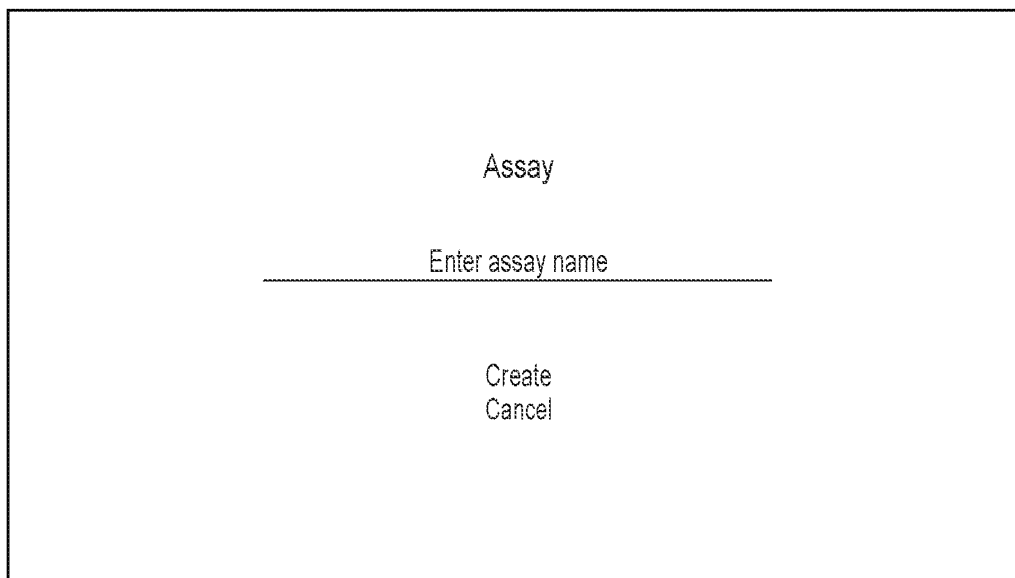


FIG. 64FF

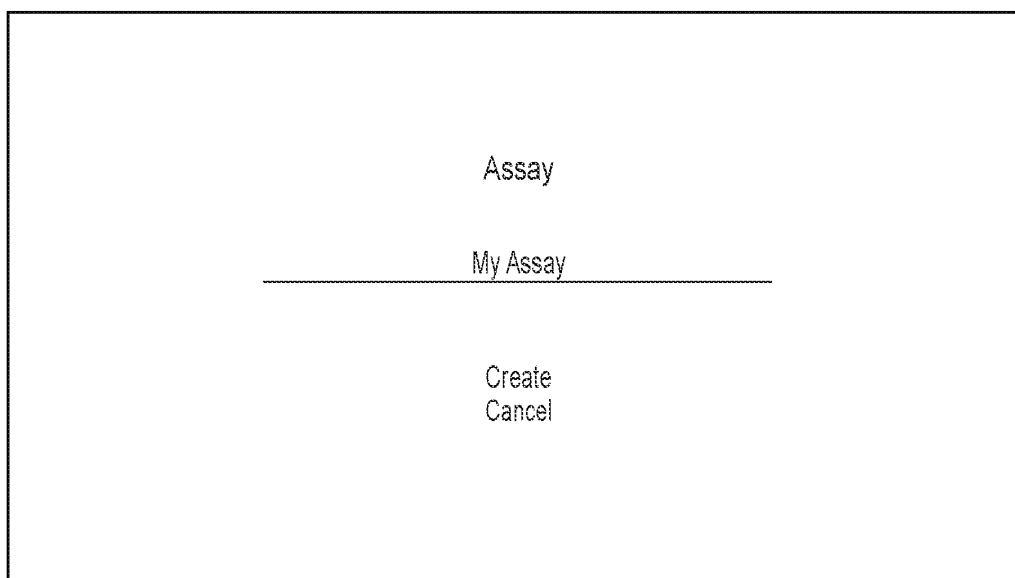


Assay

Enter assay name

Create
Cancel

FIG. 64GG



Assay

My Assay

Create
Cancel

FIG. 64HH



FIG. 64II

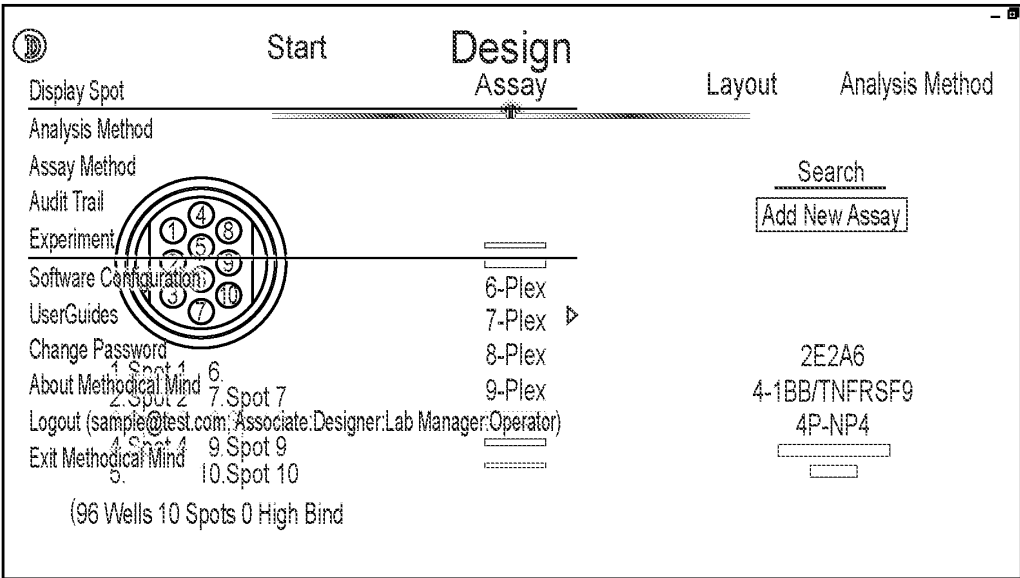


FIG. 64JJ

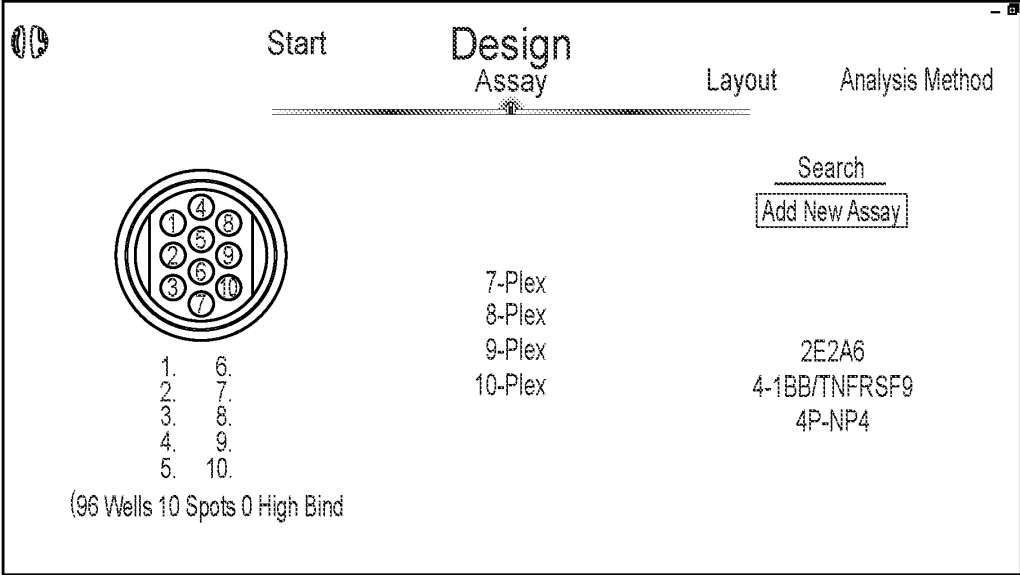


FIG. 64KK

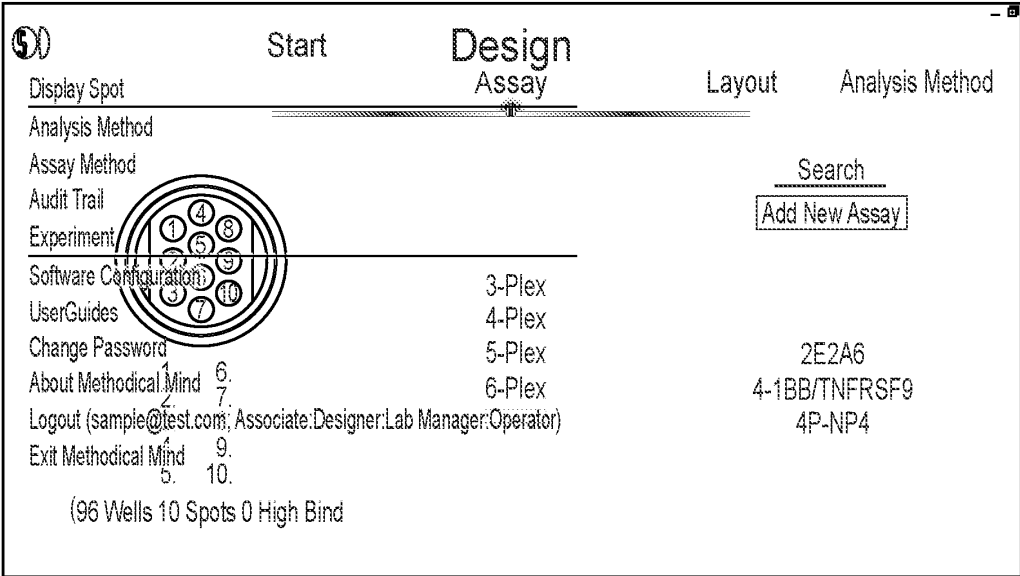


FIG. 64LL

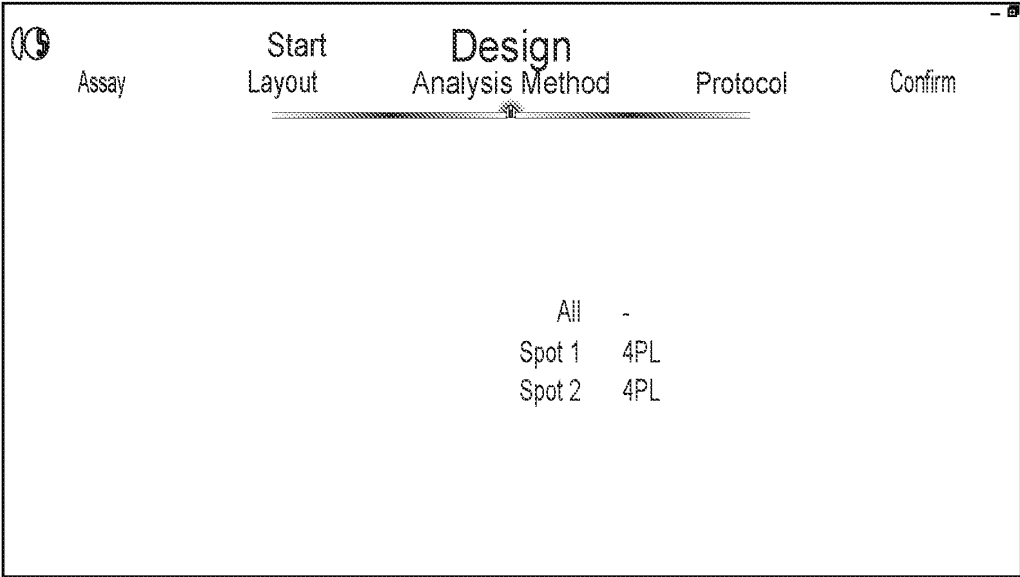


FIG. 64MM

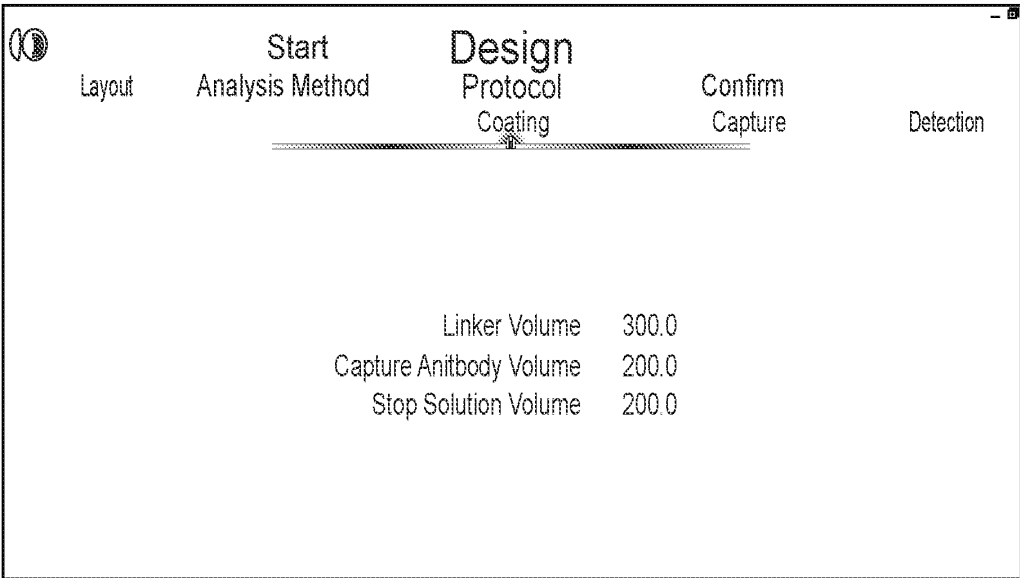


FIG. 64NN

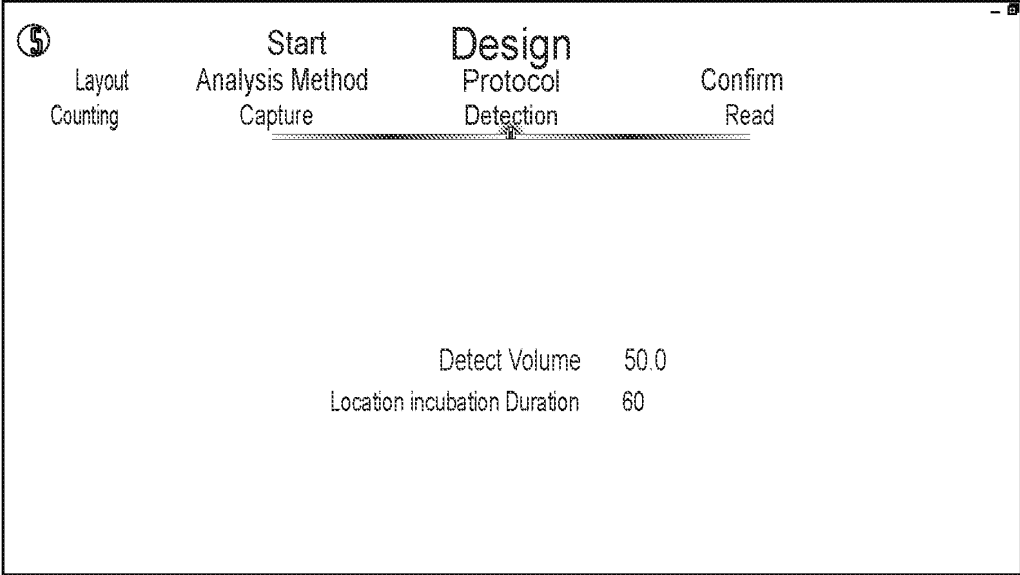


FIG. 64OO

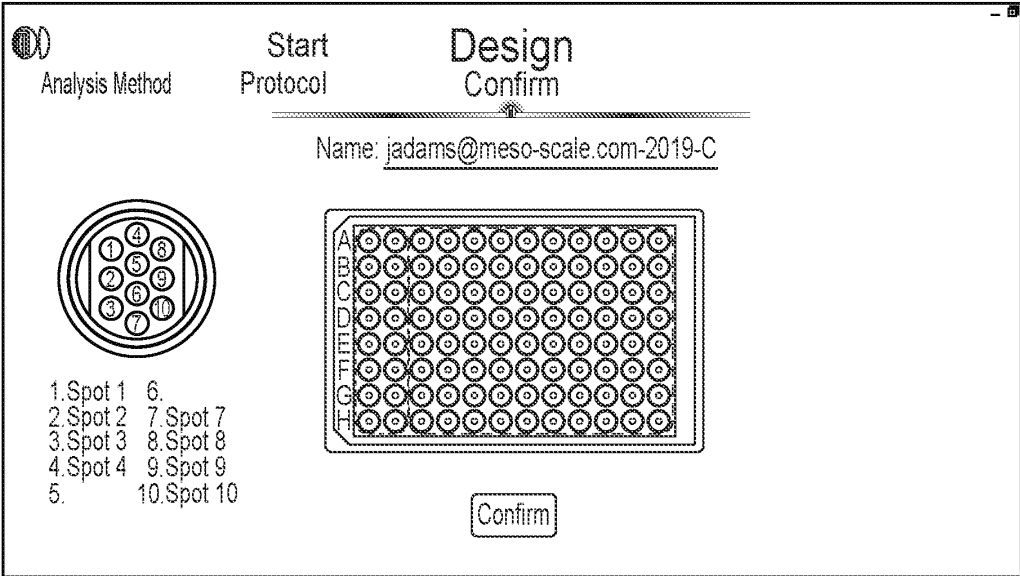


FIG. 64PP

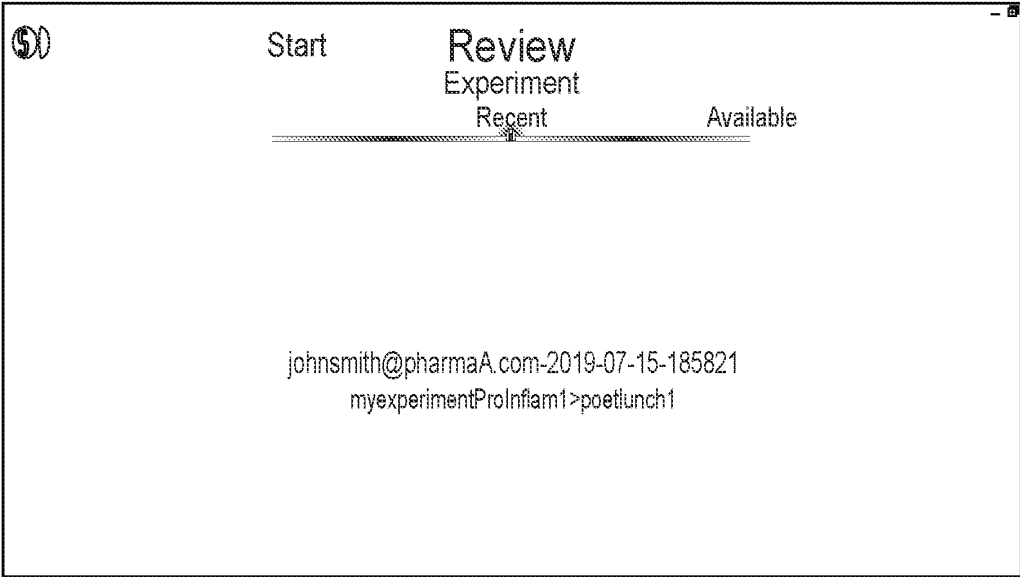


FIG. 64QQ

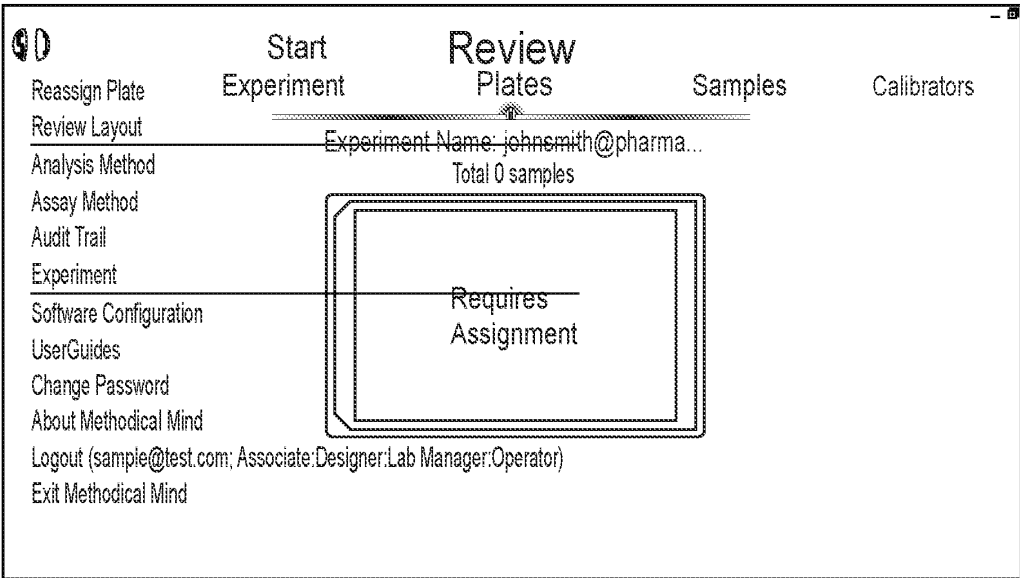


FIG. 64RR

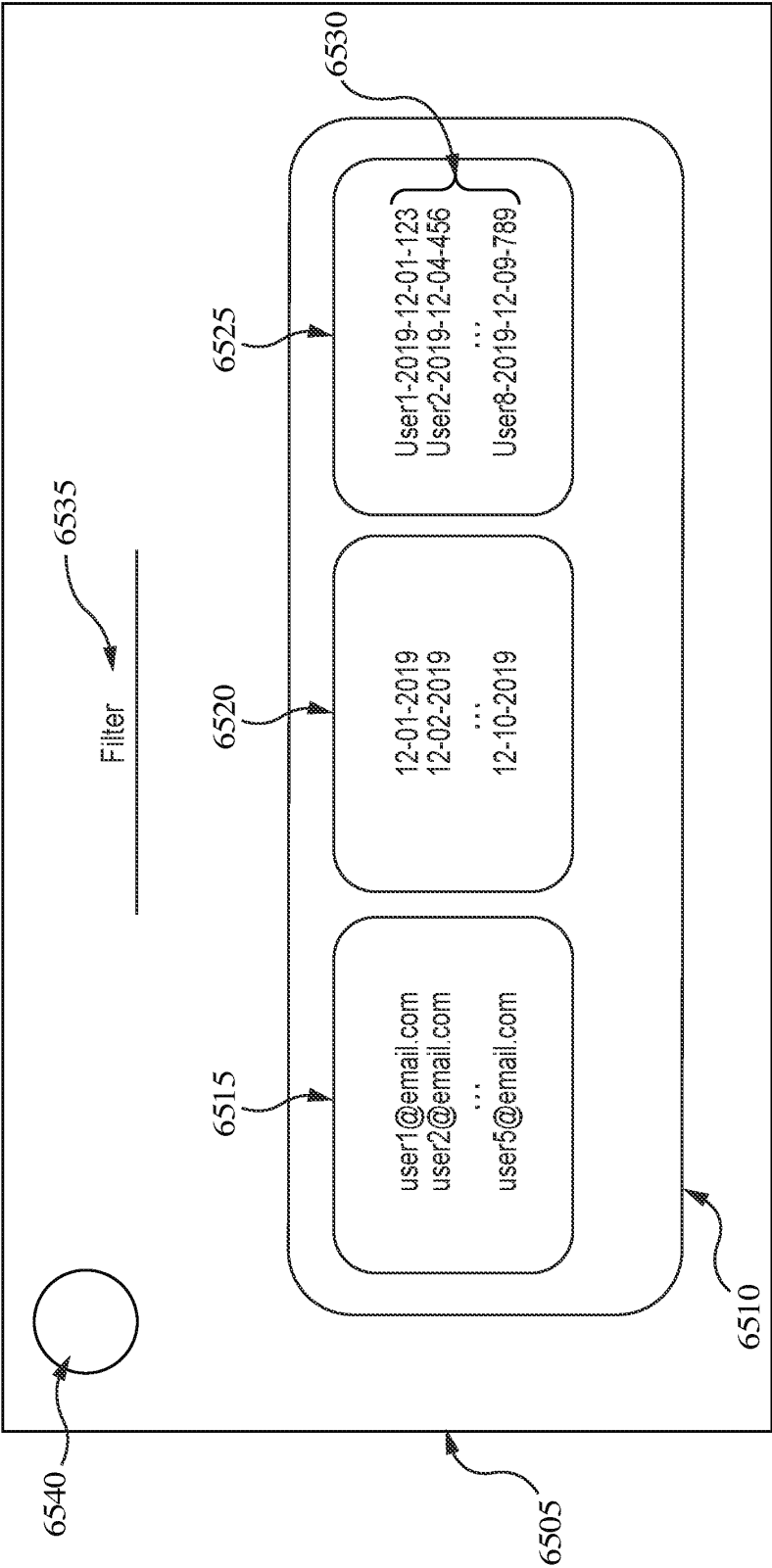


FIG. 65

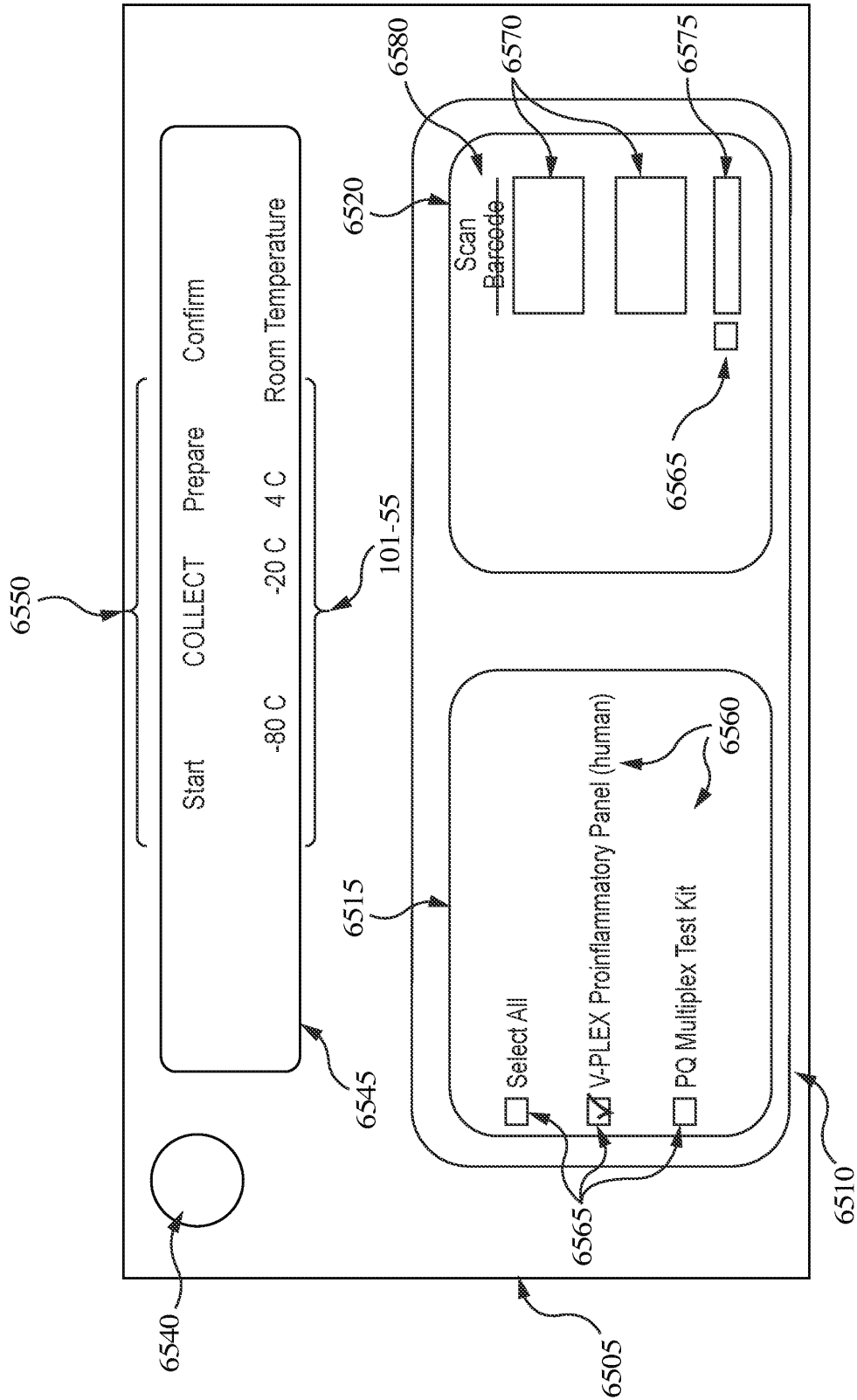


FIG. 66

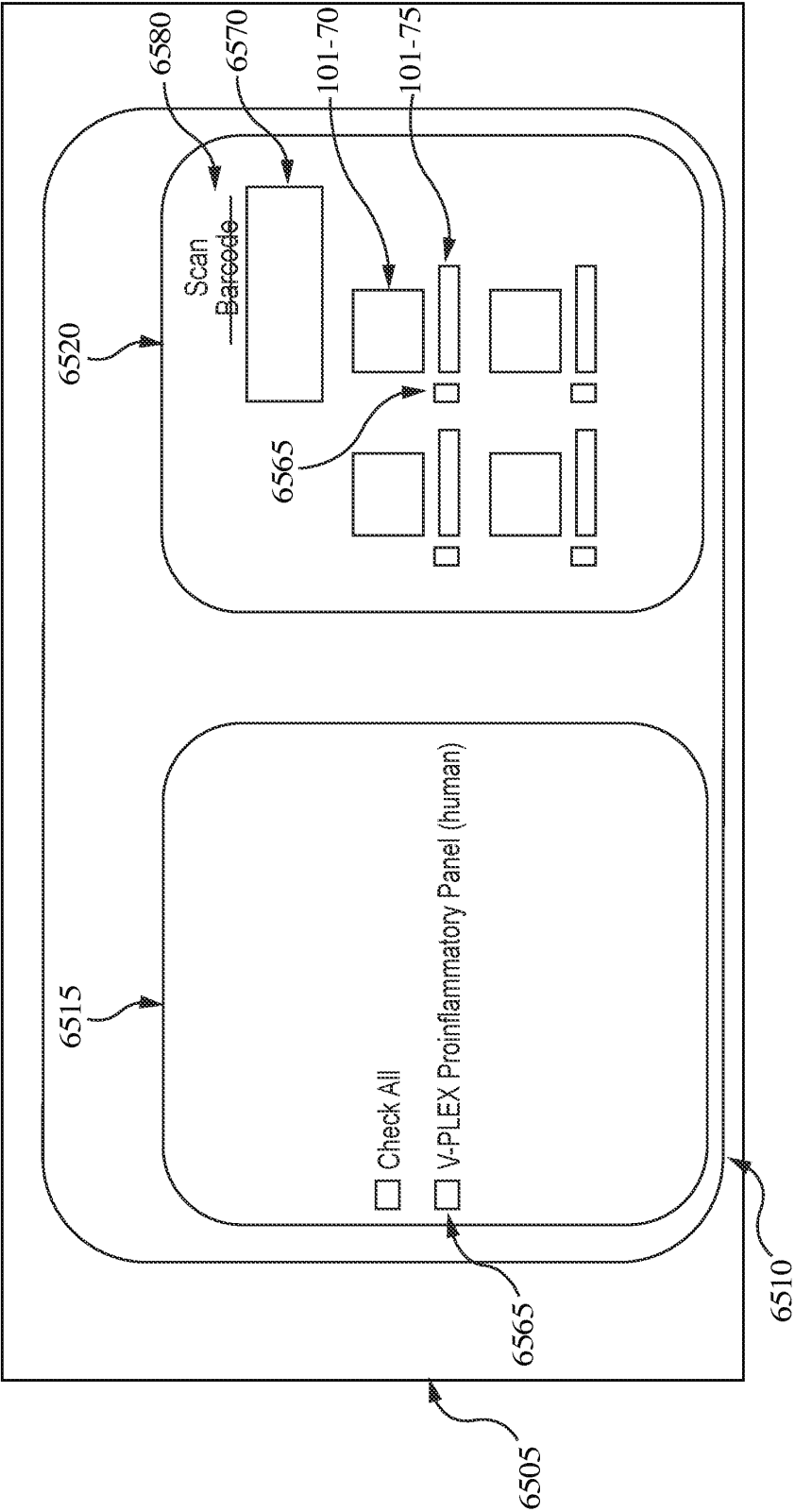


FIG. 67

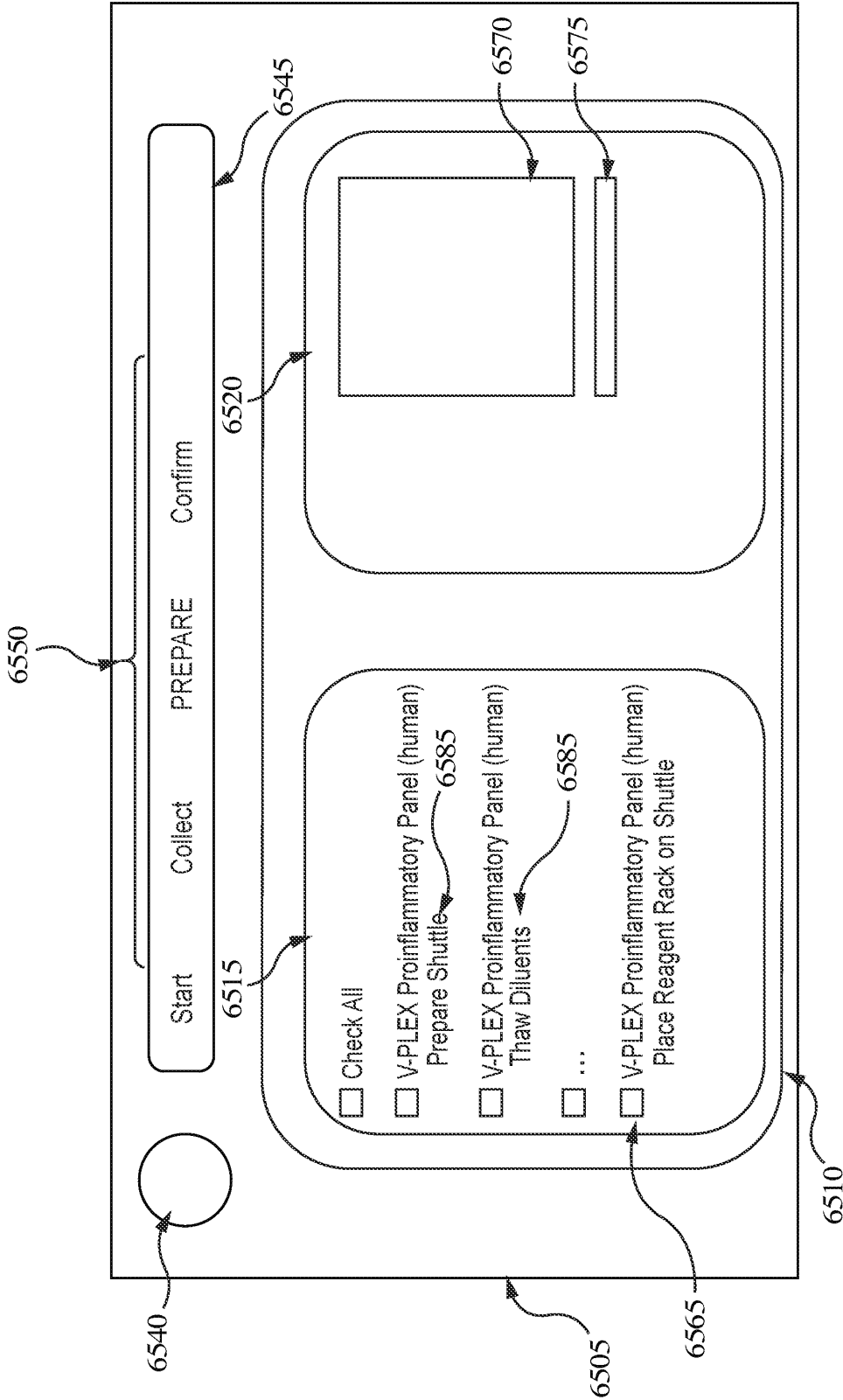


FIG. 68

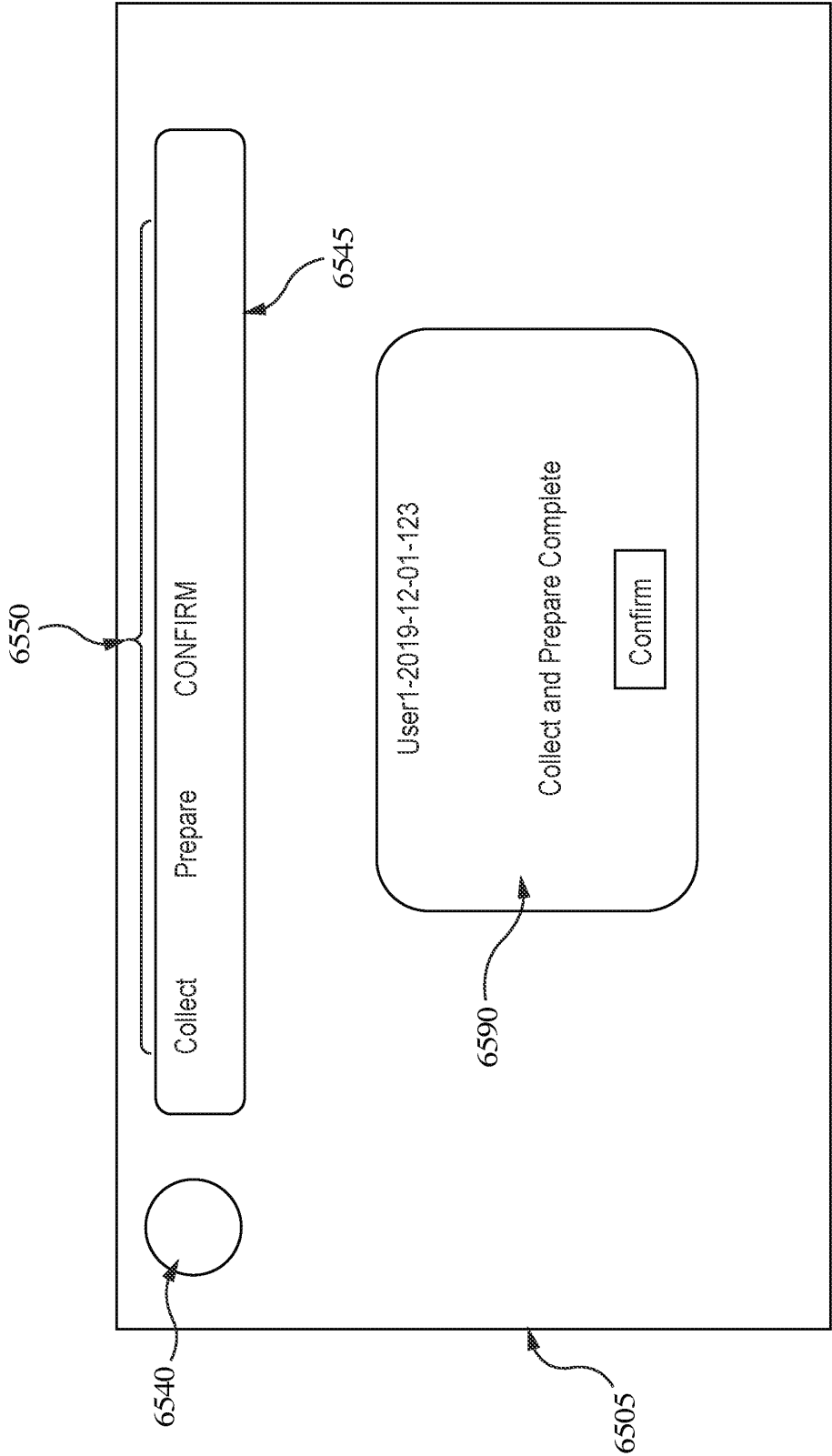


FIG. 69

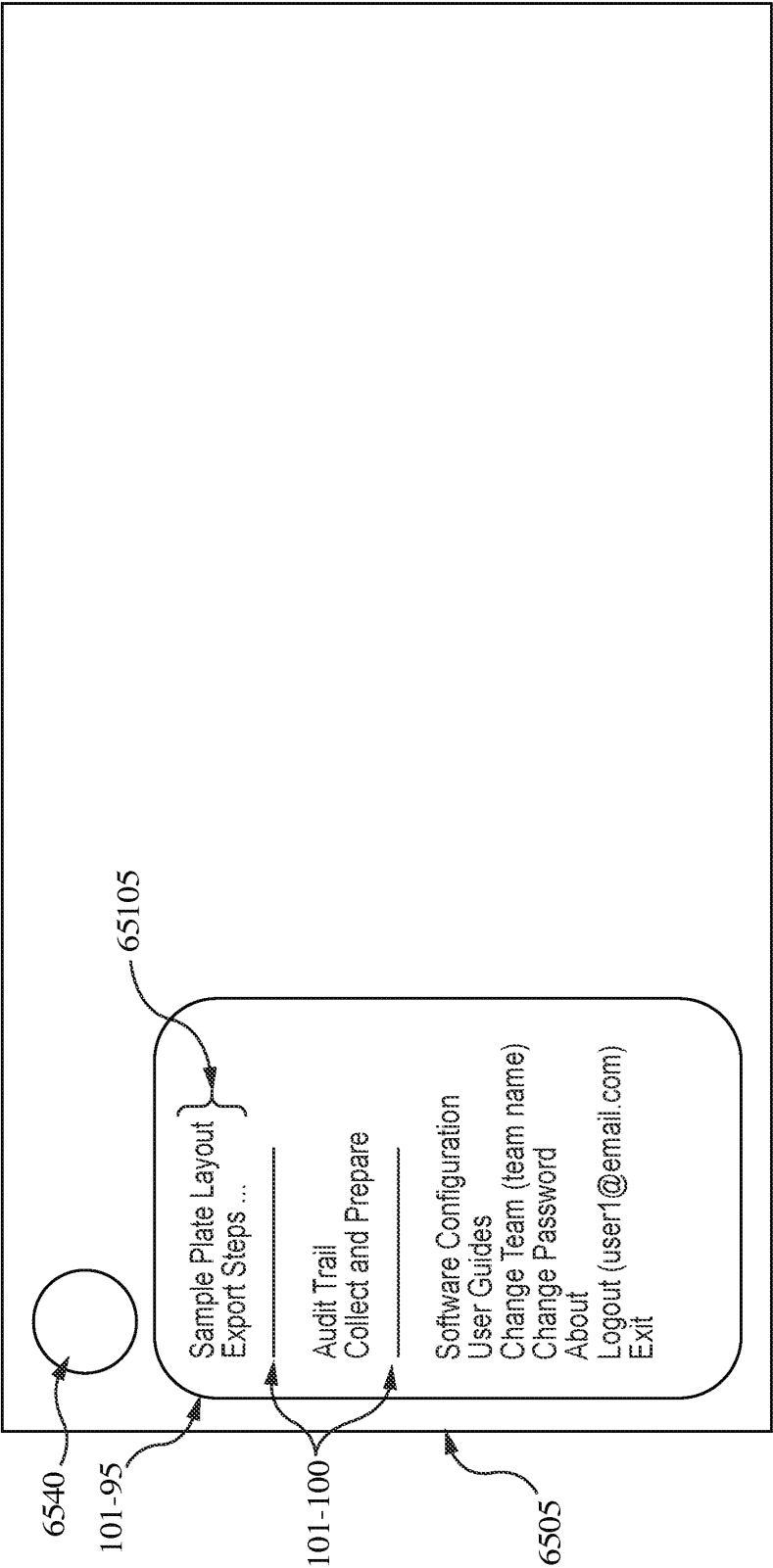


FIG. 70

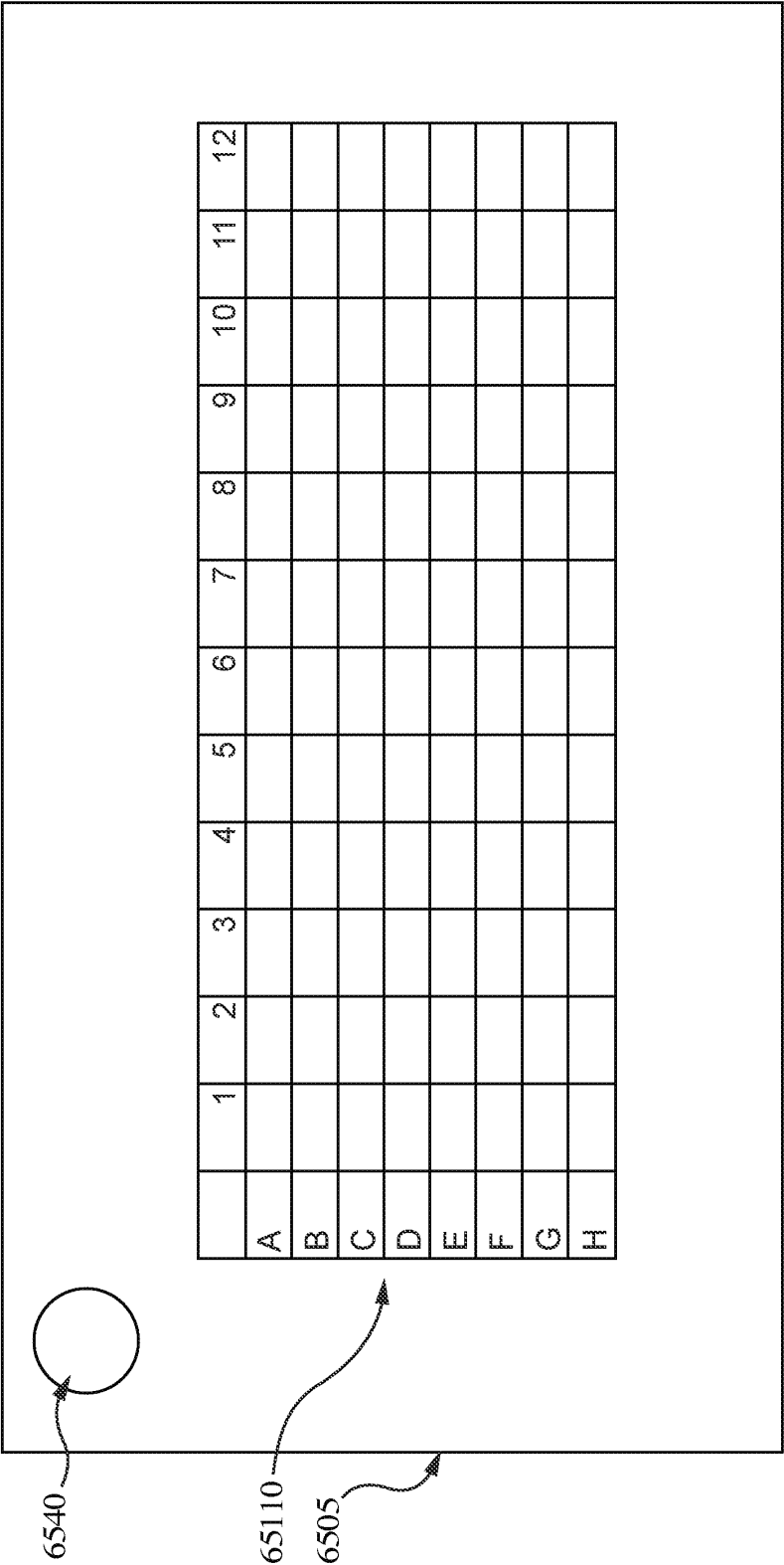


FIG. 71

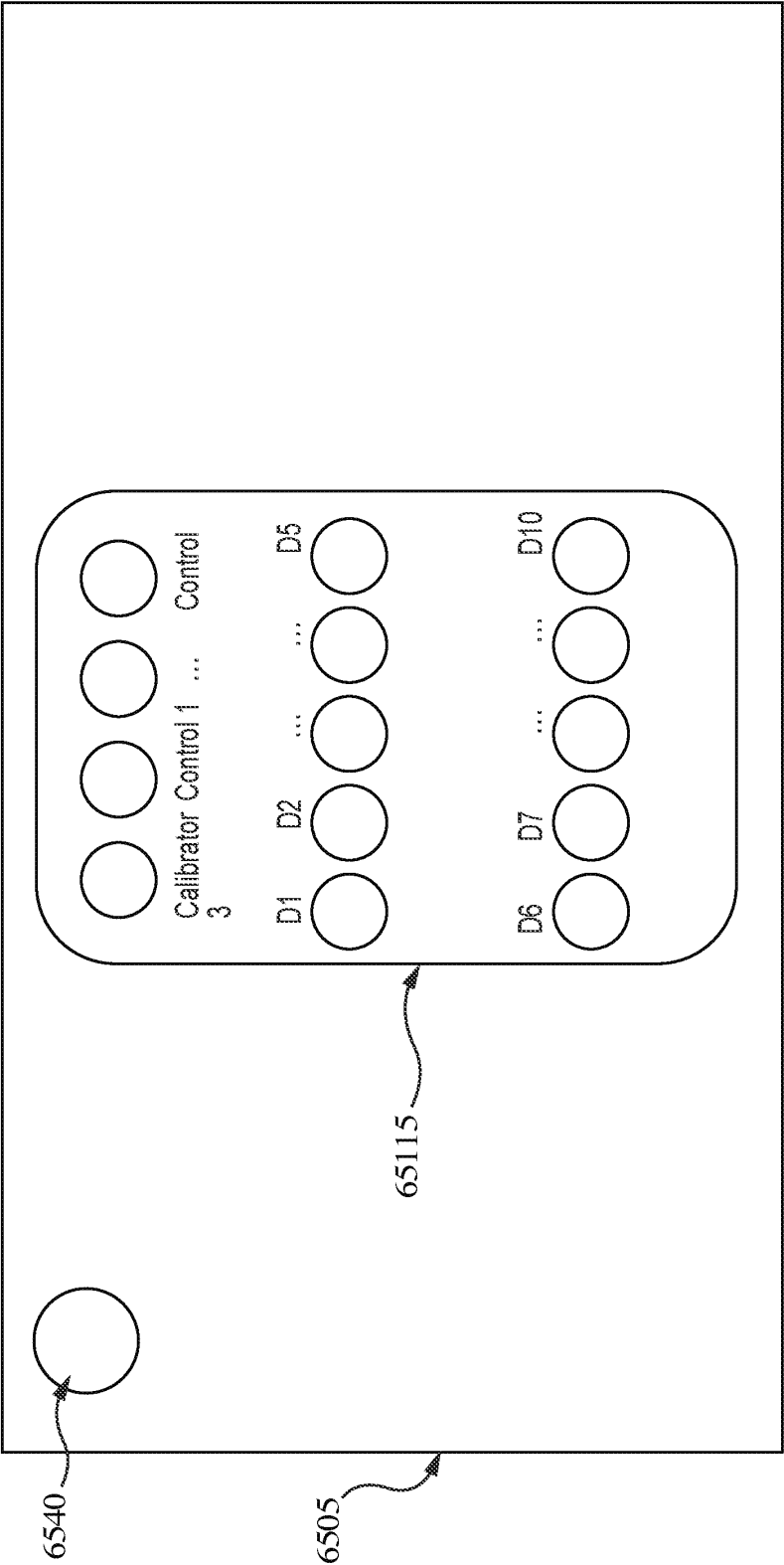


FIG. 72

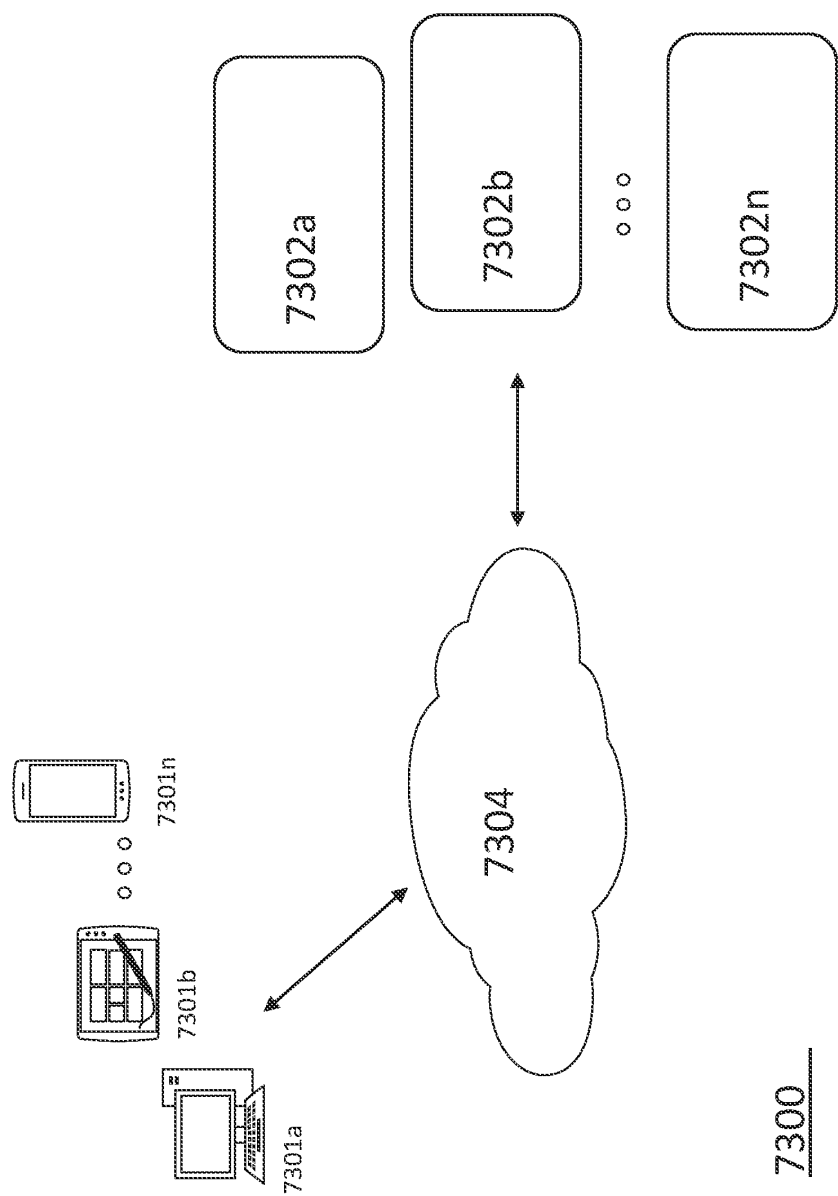


Fig. 73A

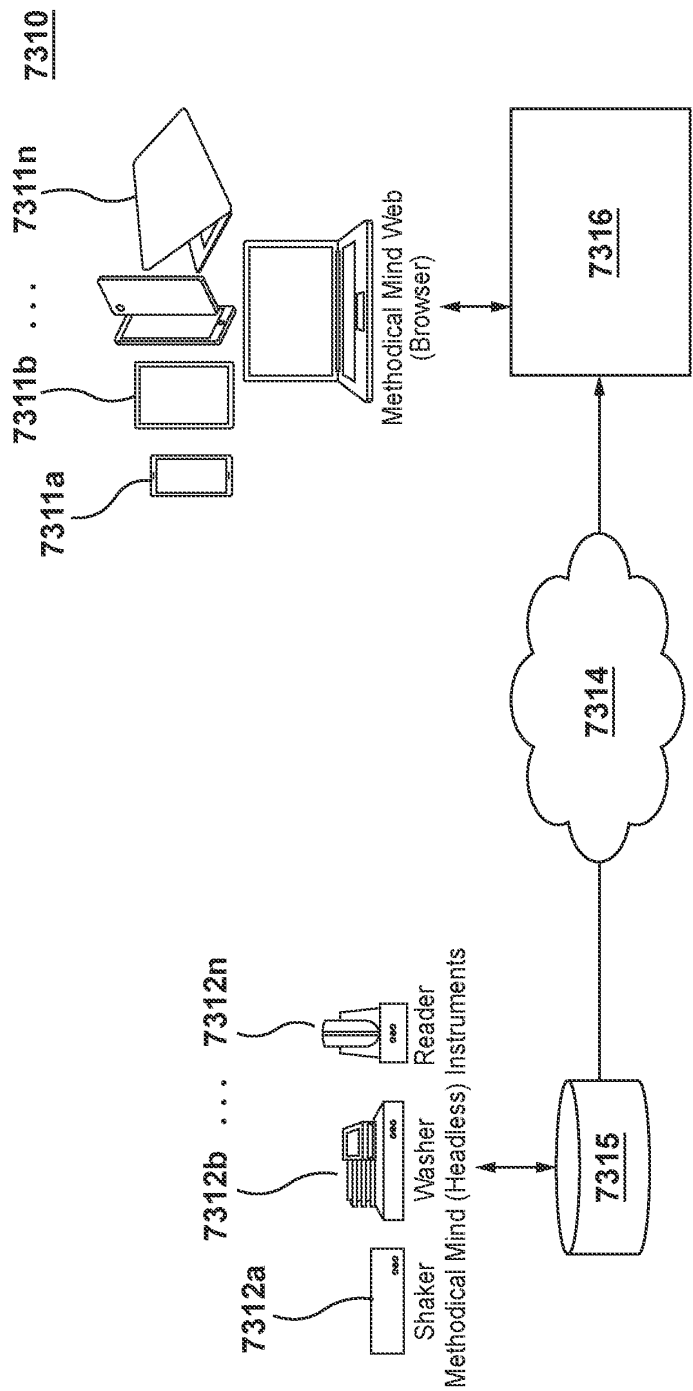


FIG. 73B

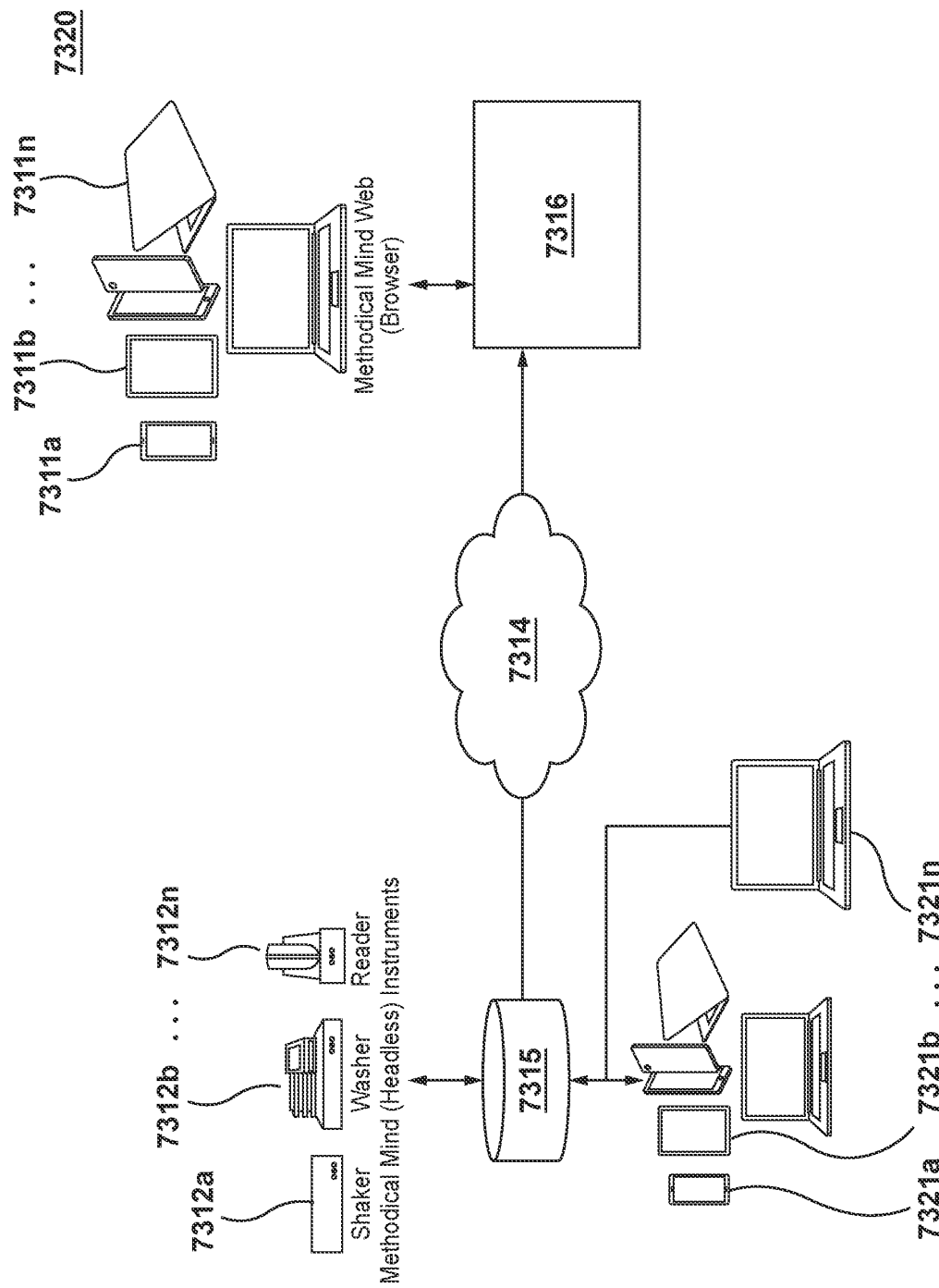


FIG. 73C

7315

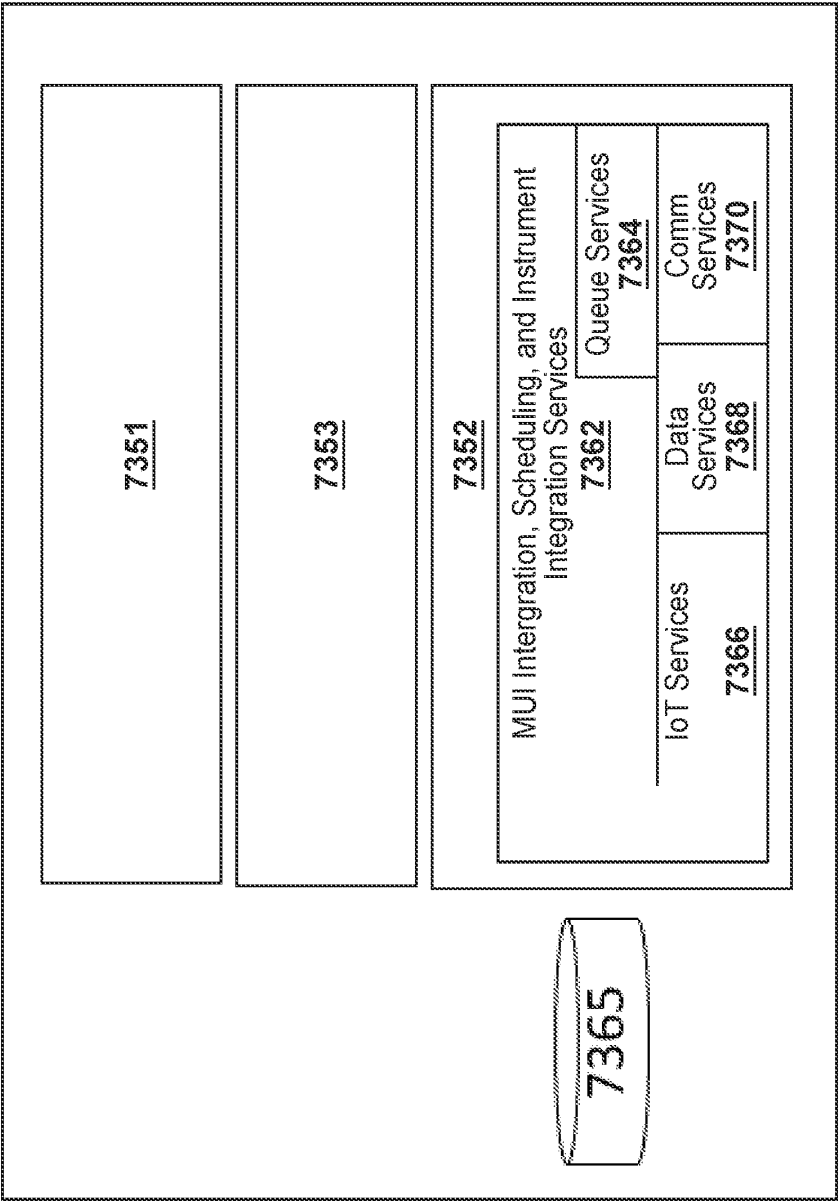


FIG. 73D

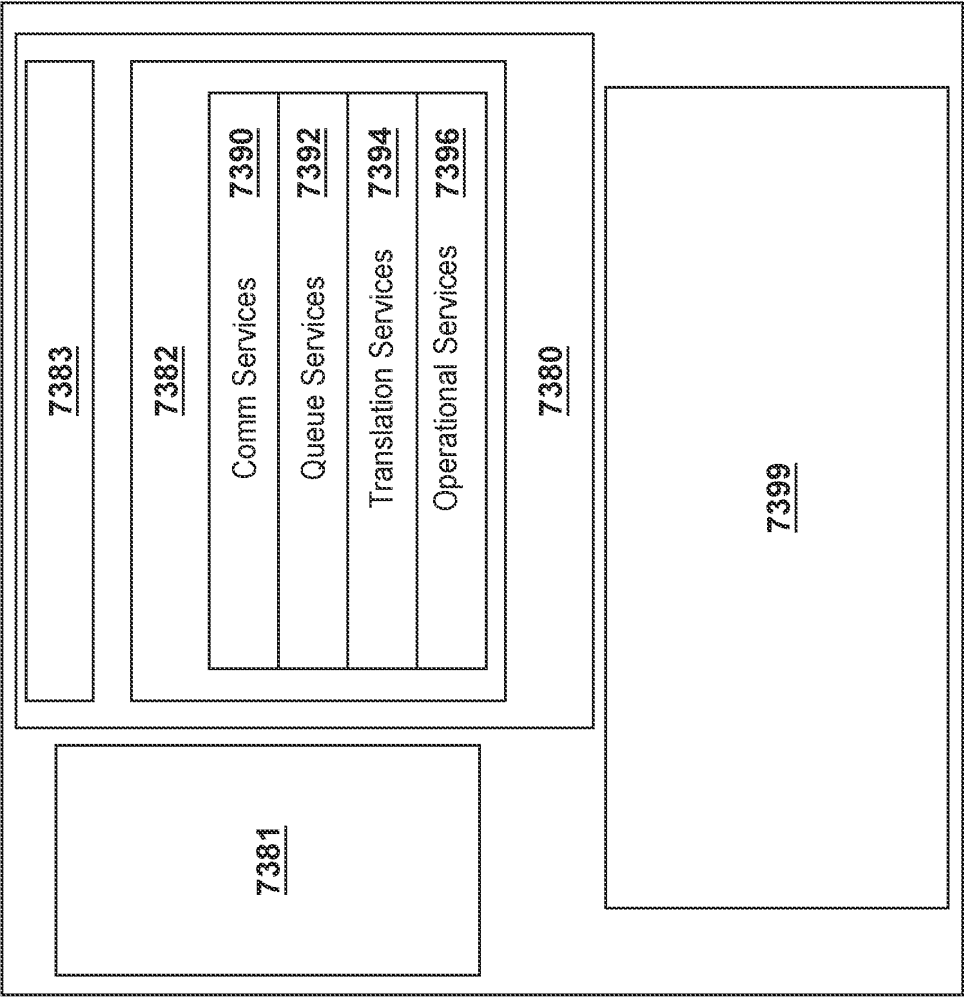


FIG. 73E

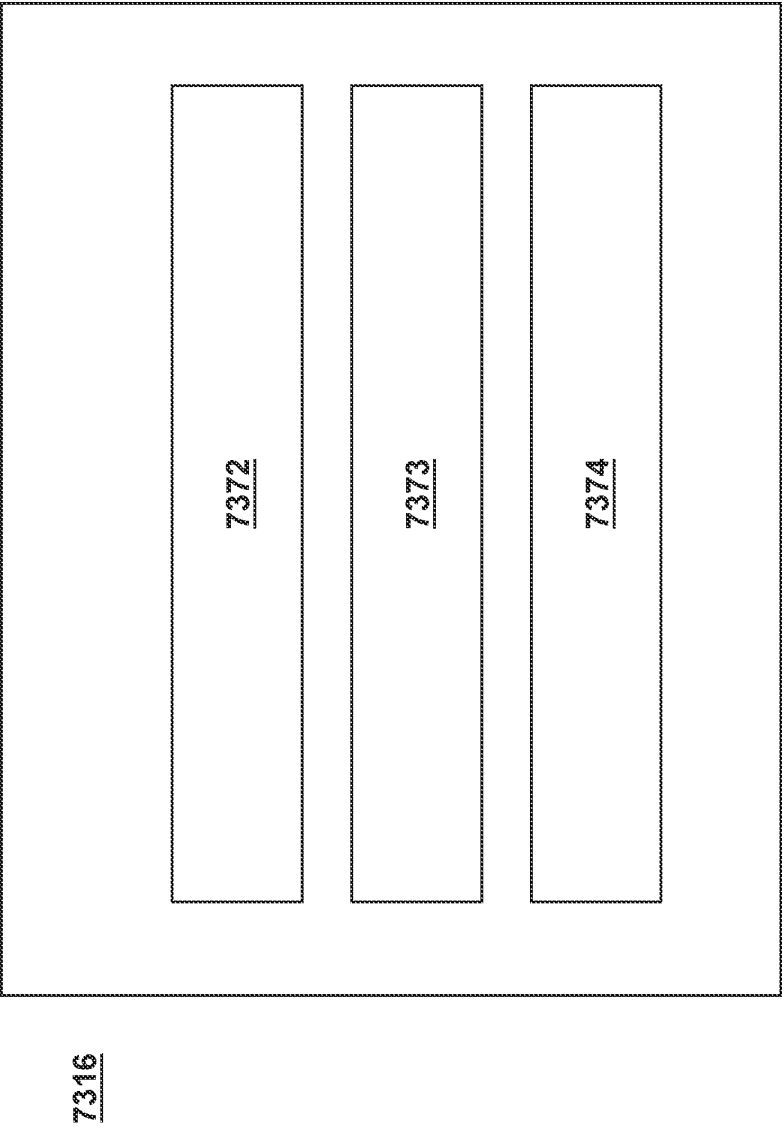


FIG. 73F

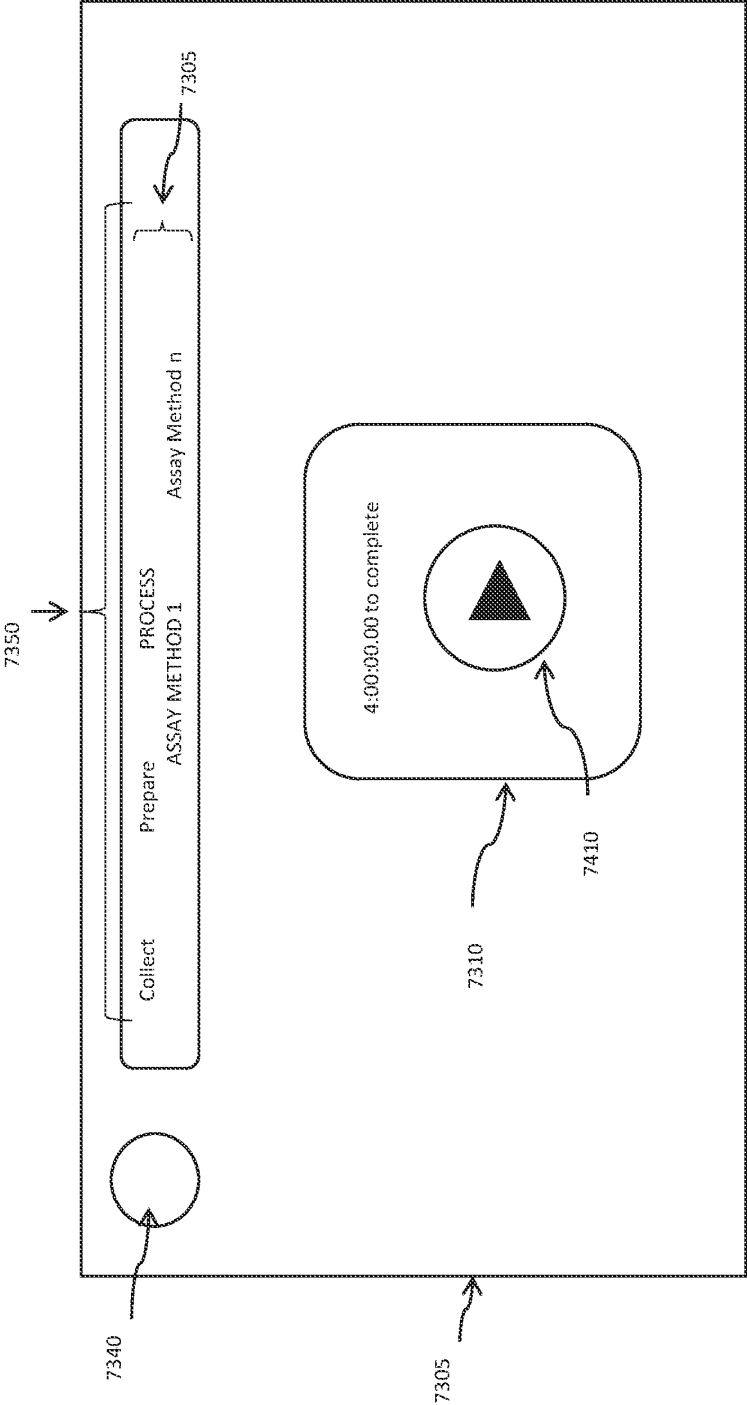


Fig. 74

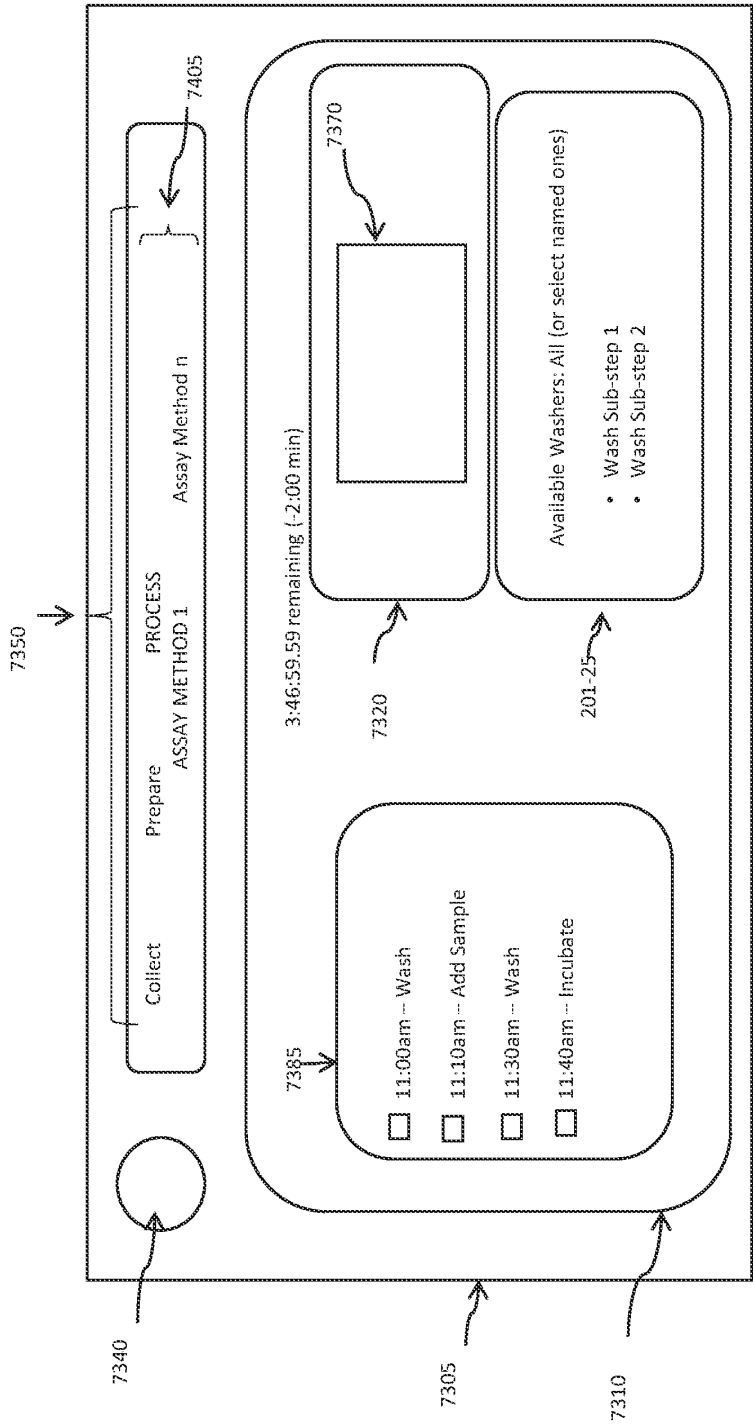


Fig. 75

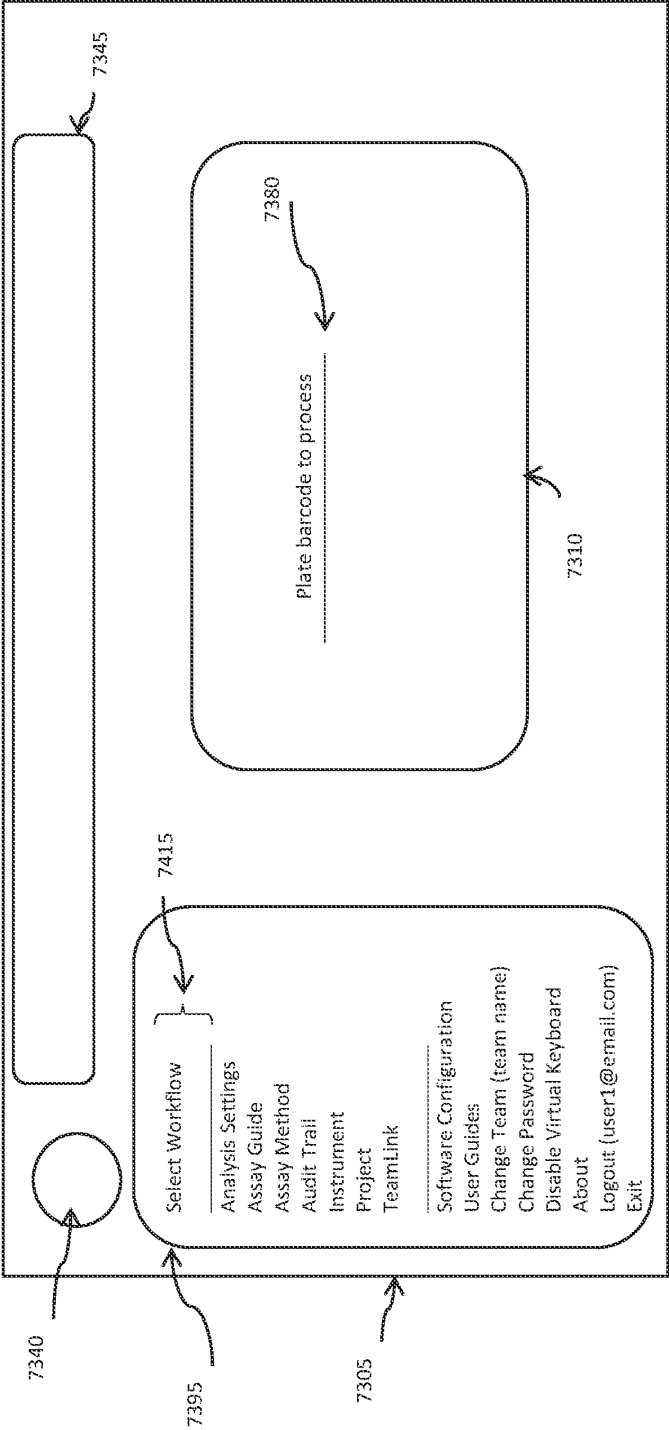


Fig. 76

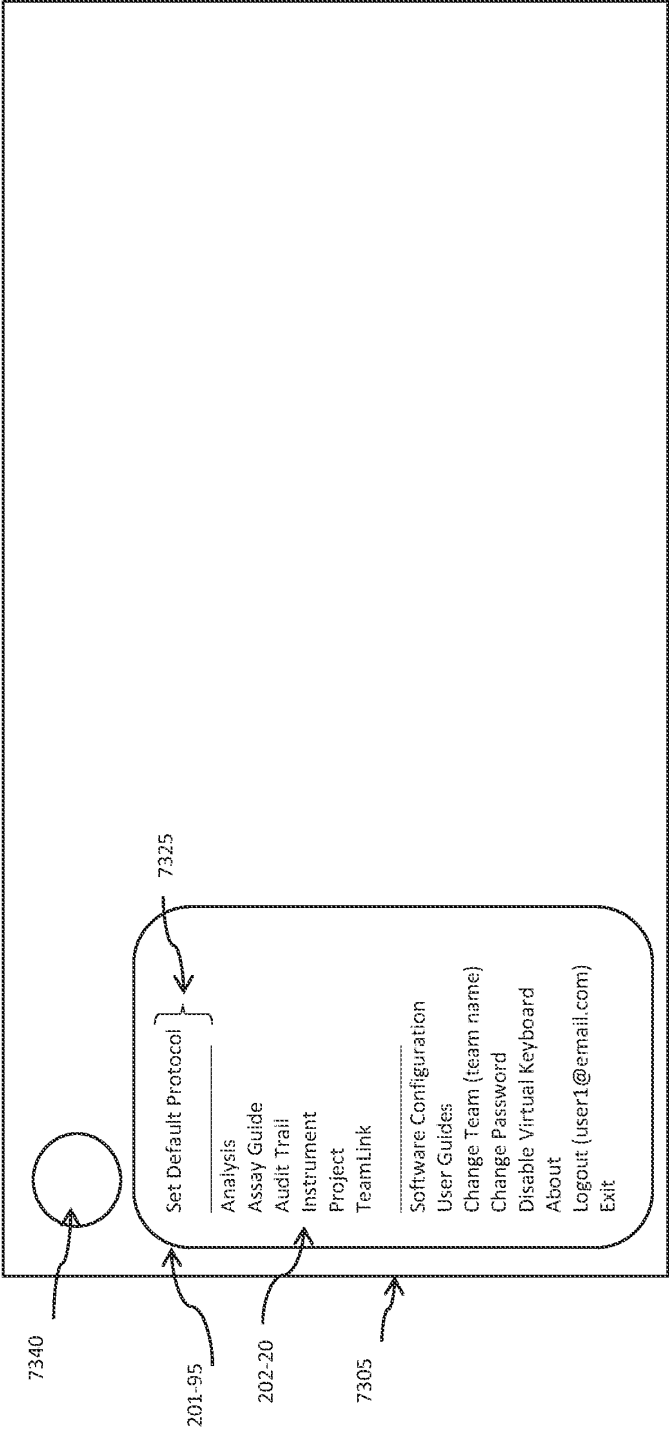


Fig. 77(a)

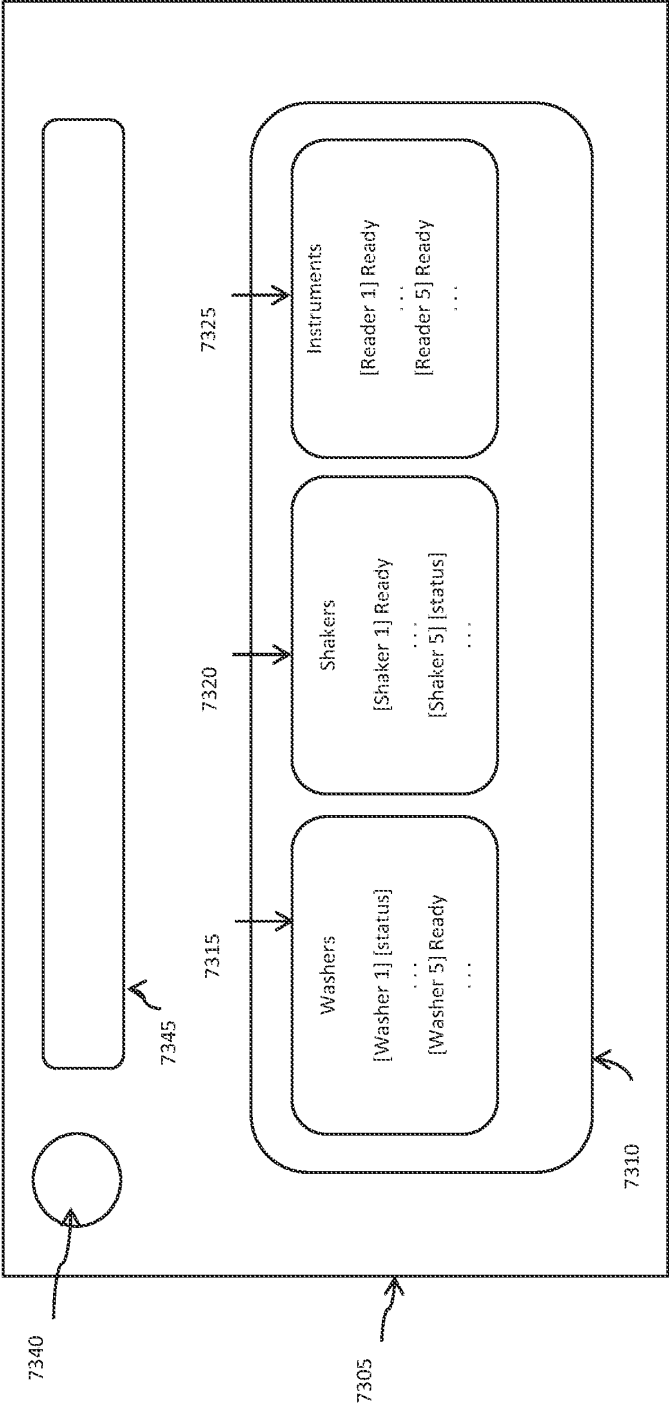


Fig. 77(b)

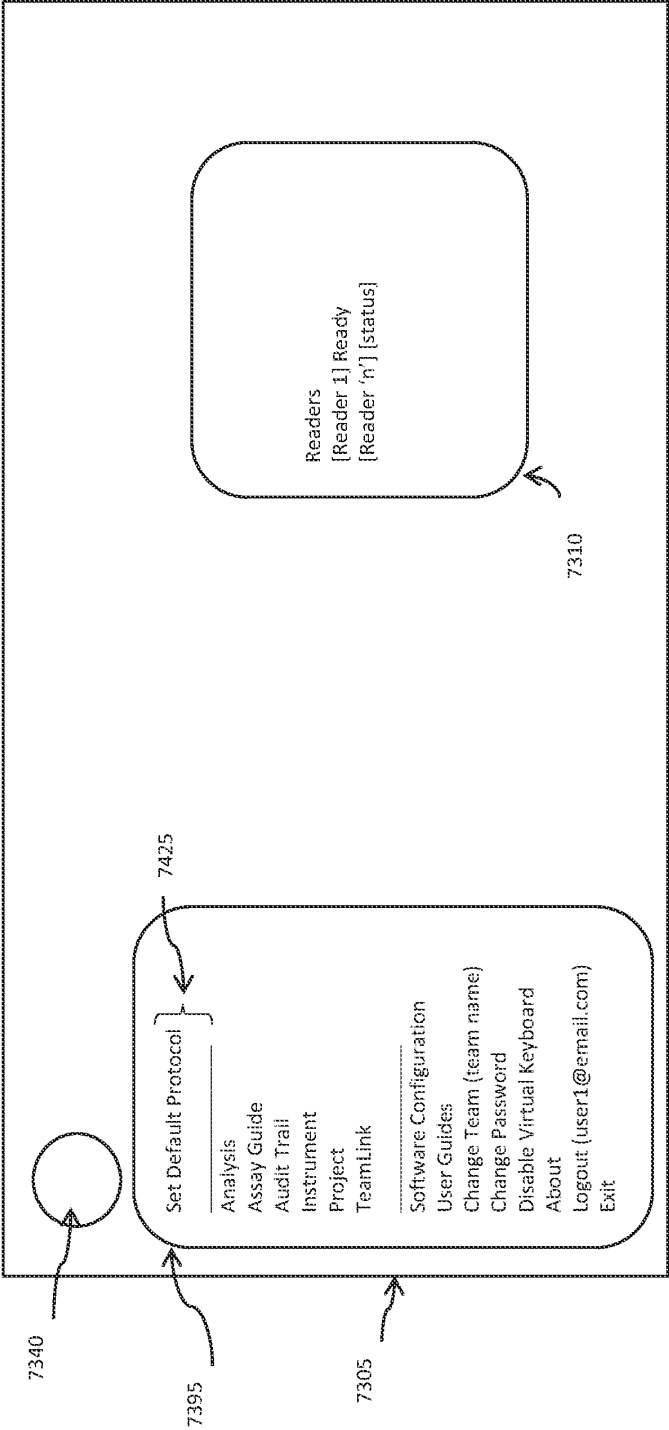


Fig. 77(c)

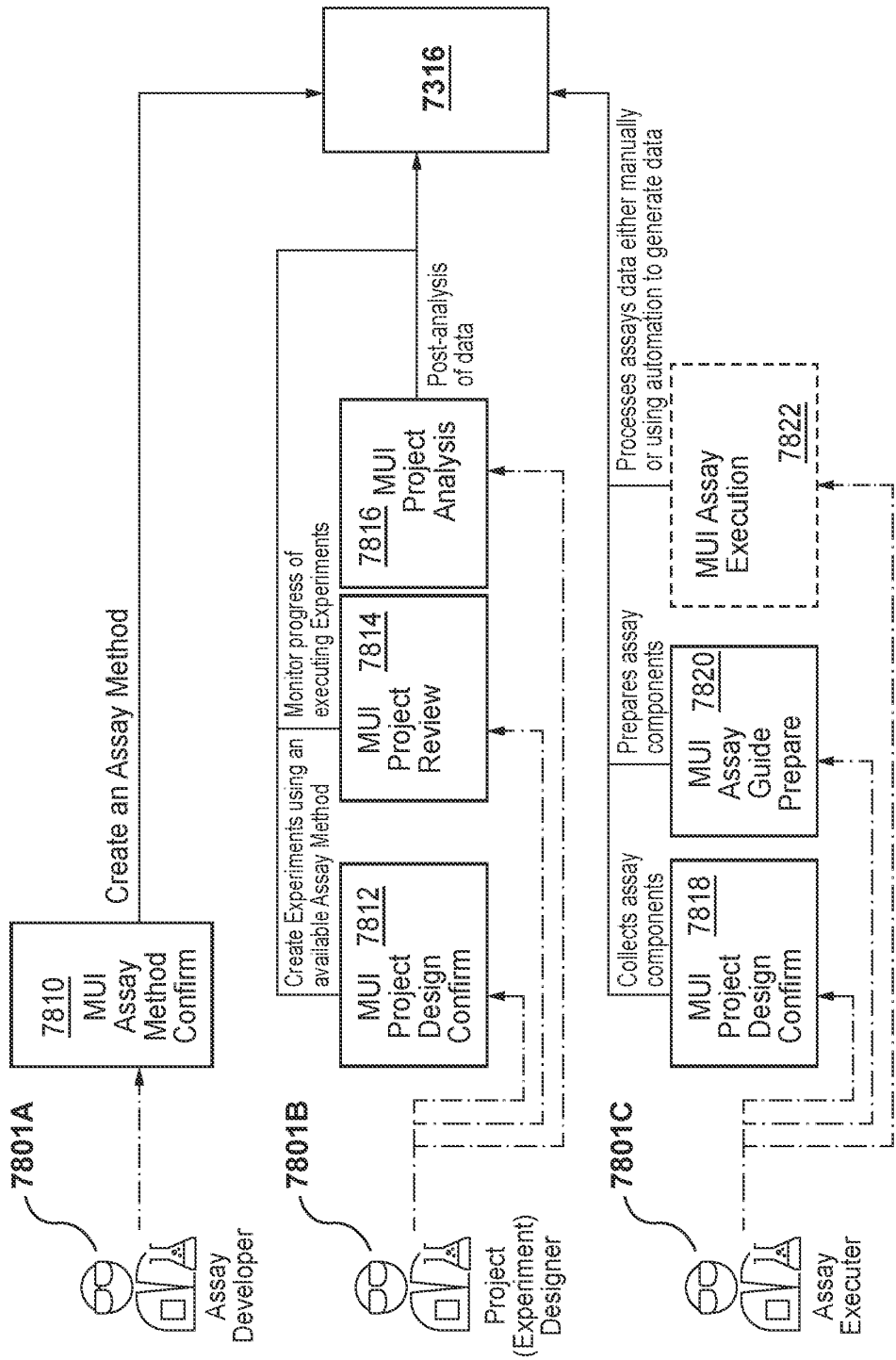


FIG. 78

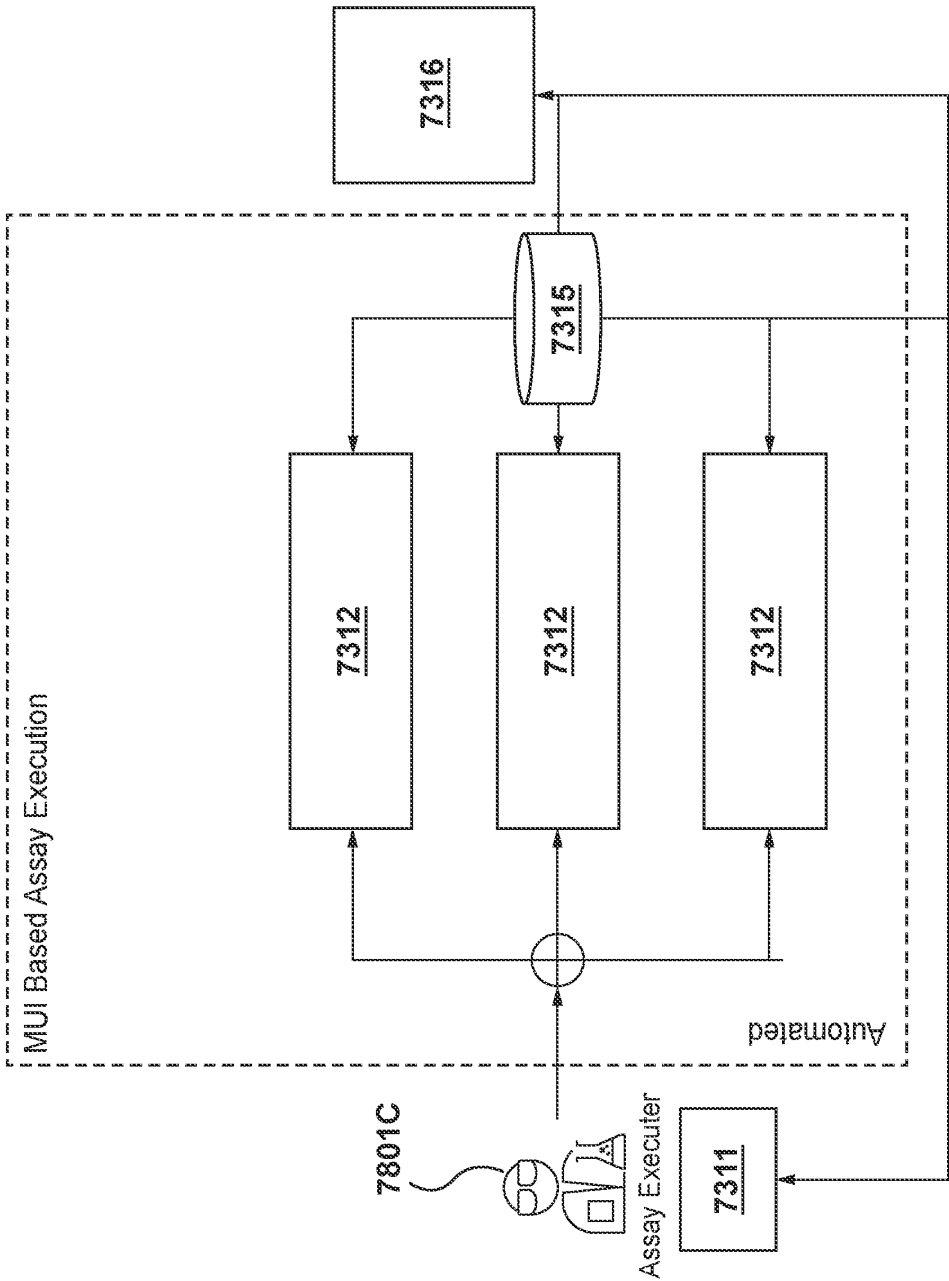


FIG. 79A

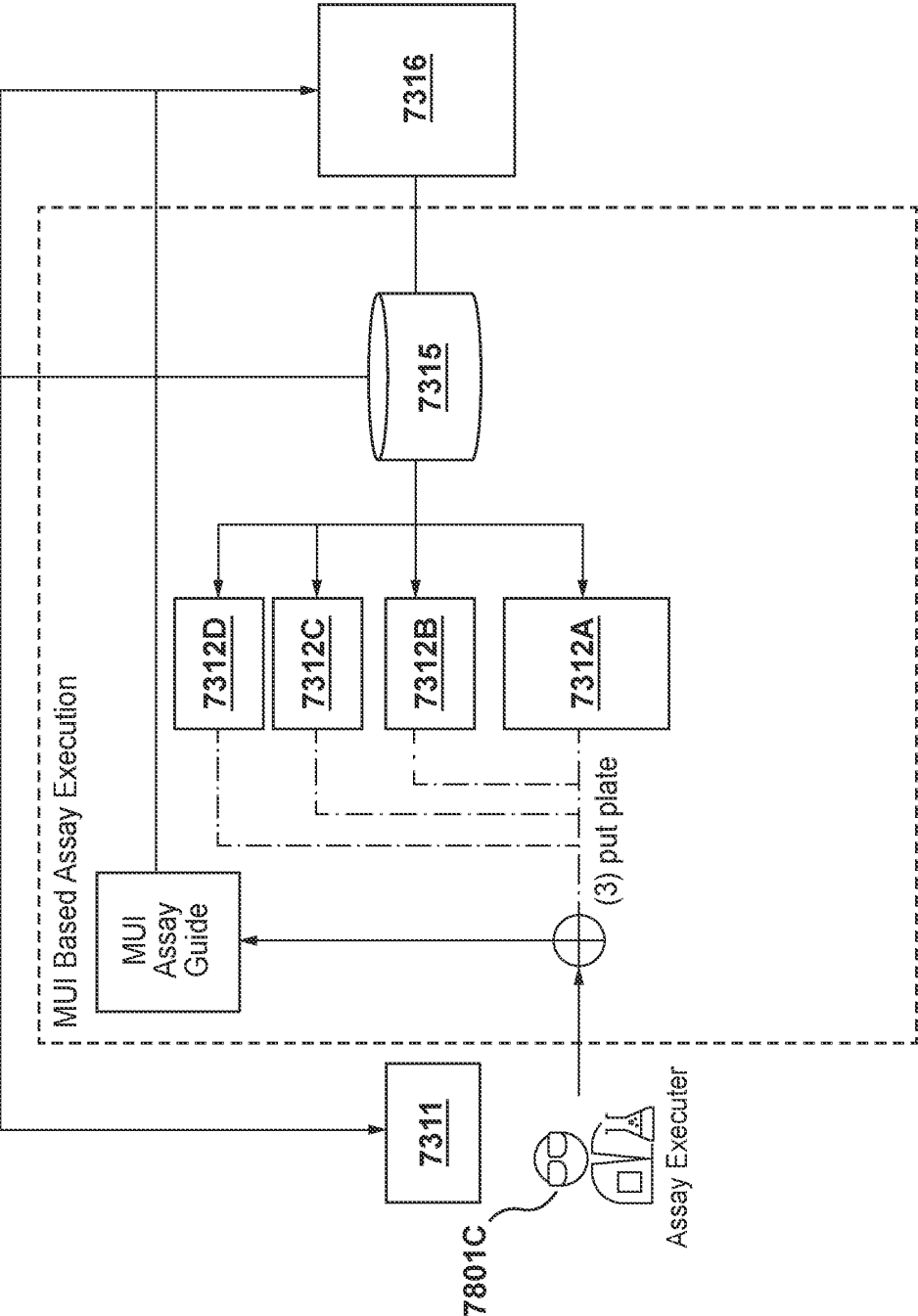


FIG. 79B

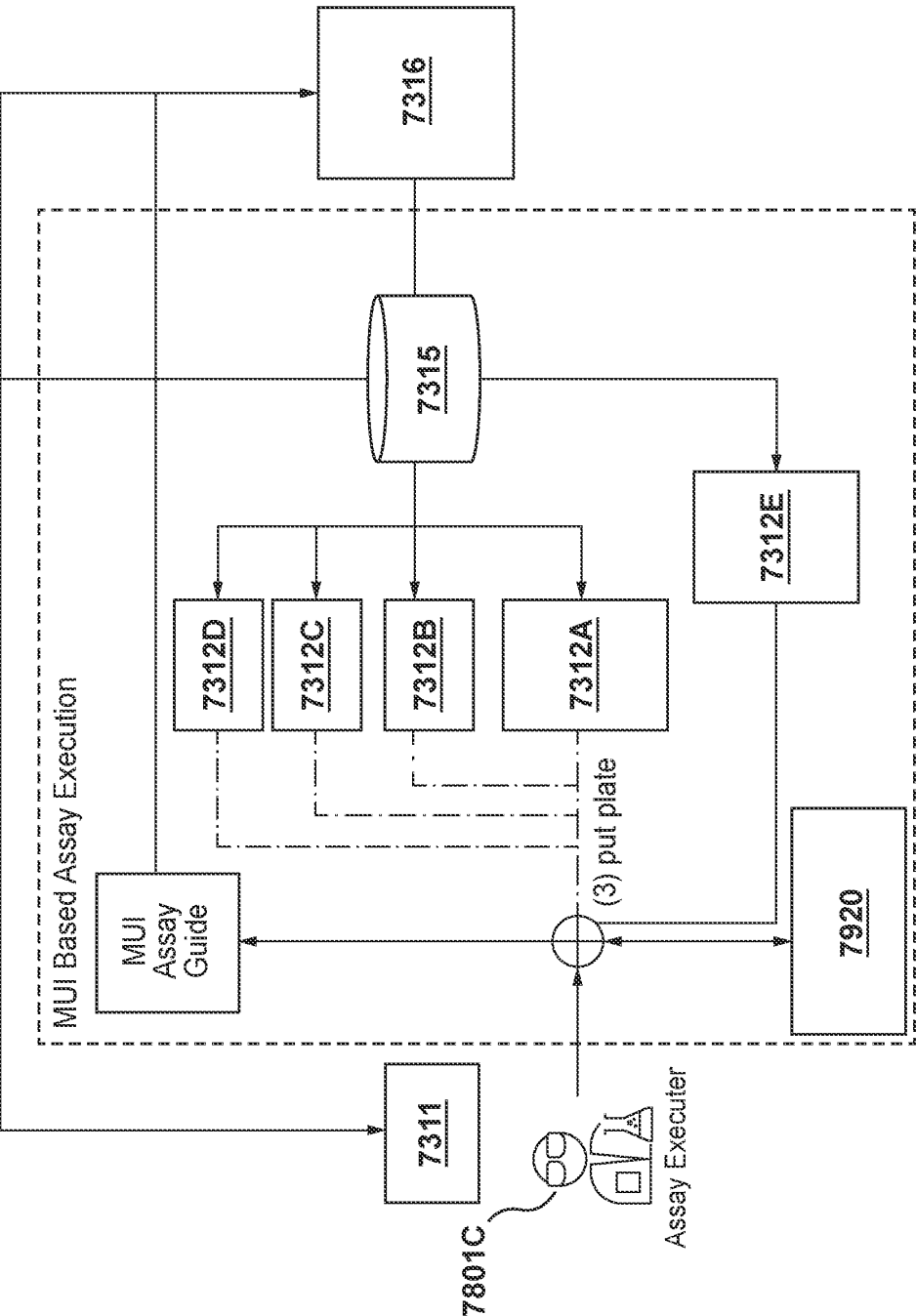


FIG. 79C

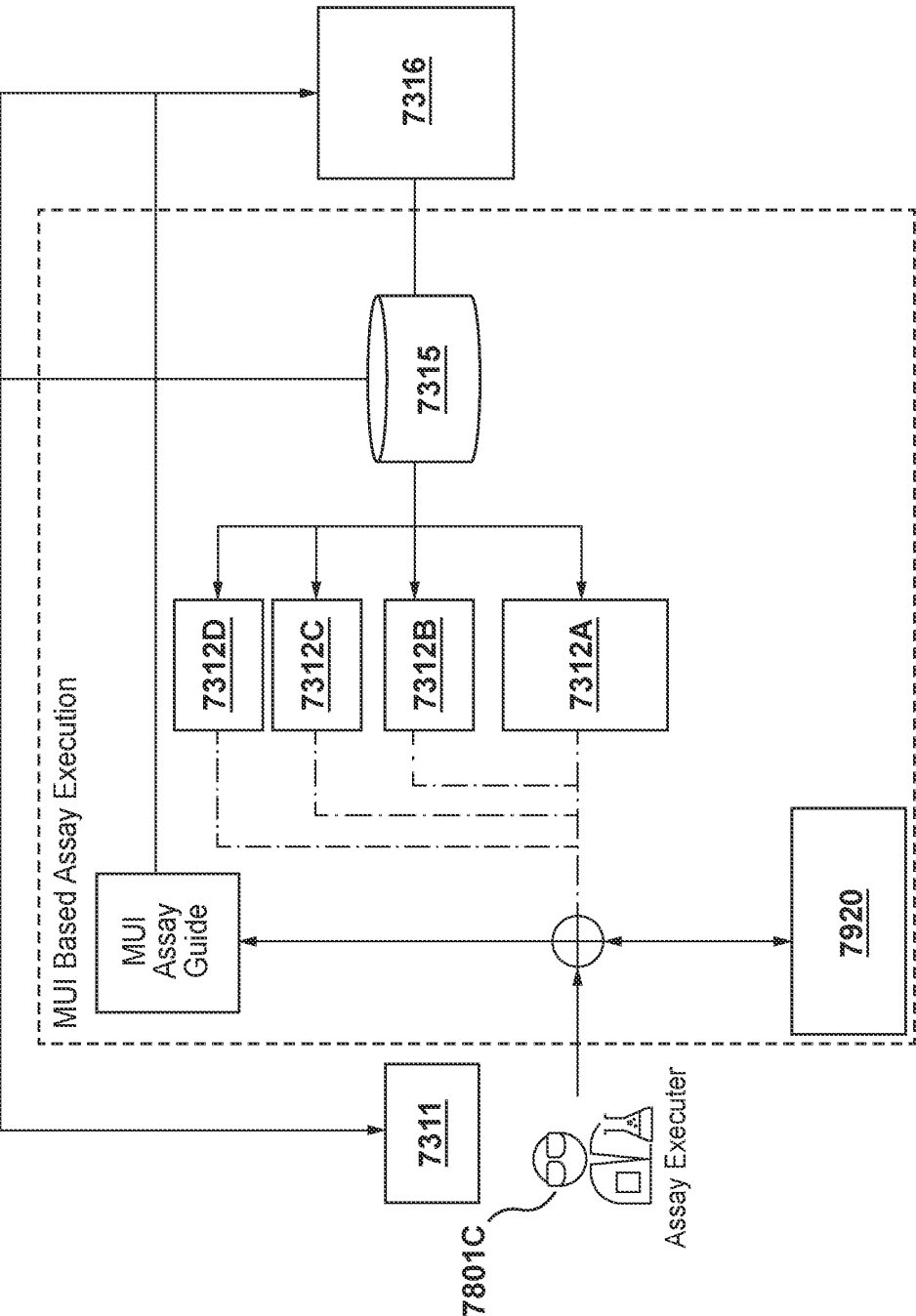


FIG. 79D

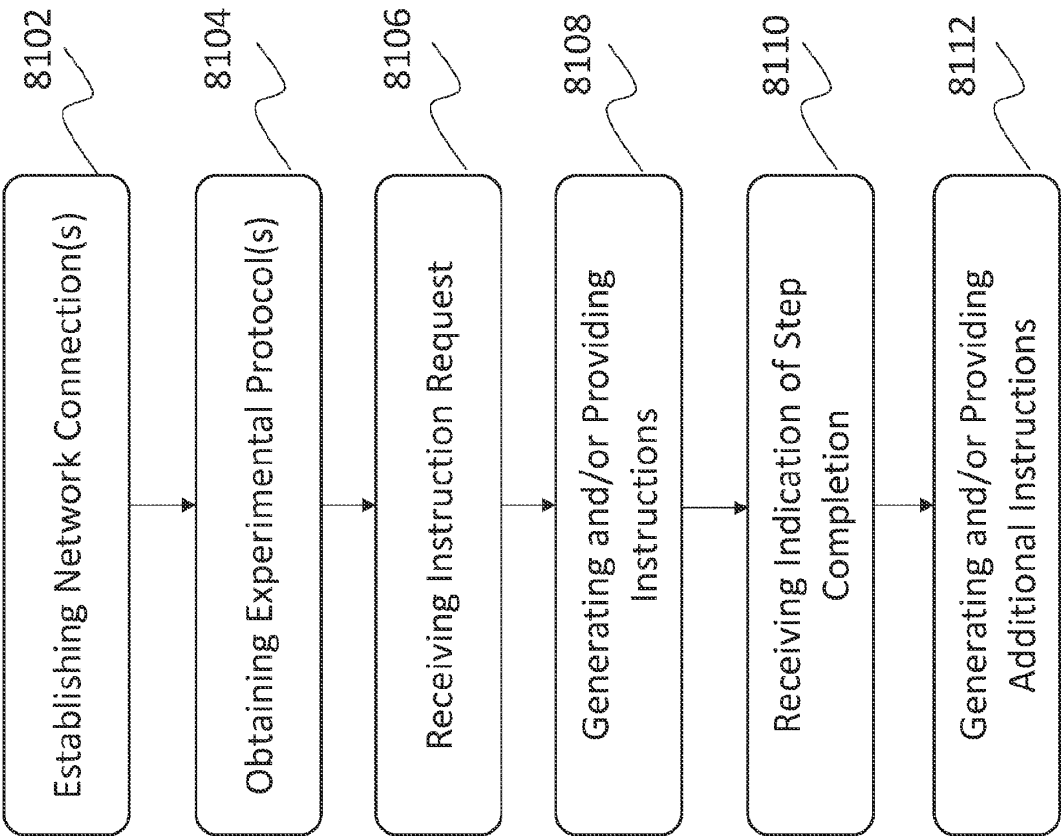


FIG. 80A

8100

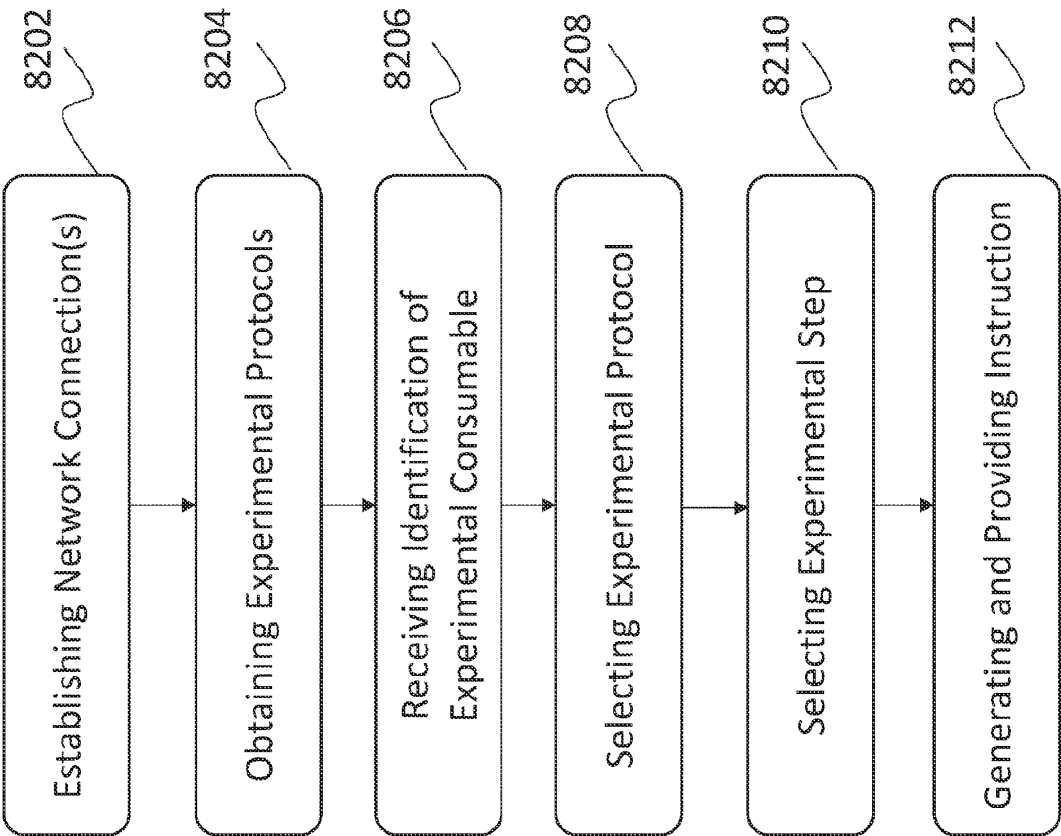


FIG. 80B

8200

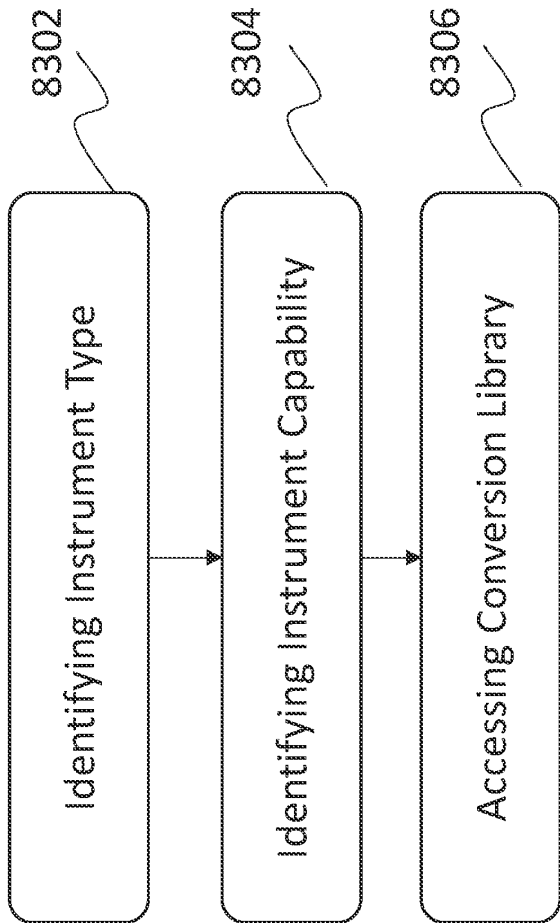
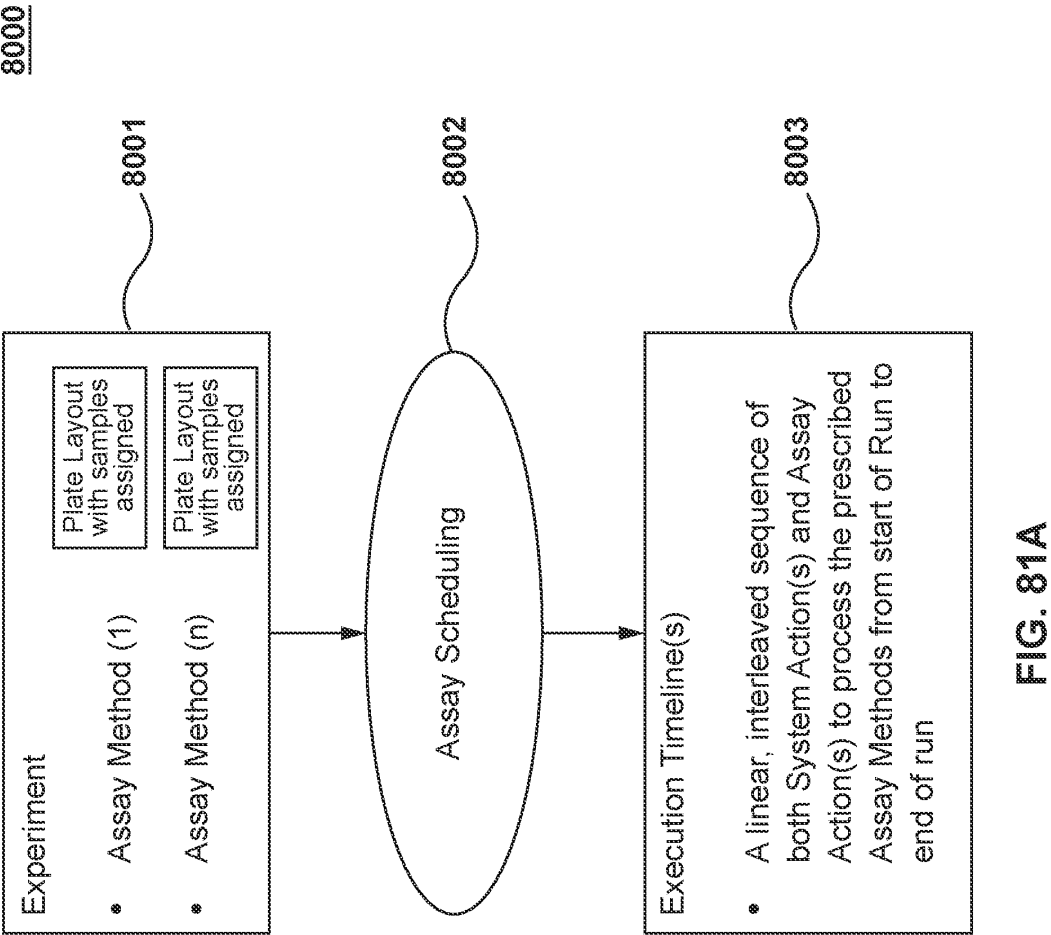


FIG. 80C

8300



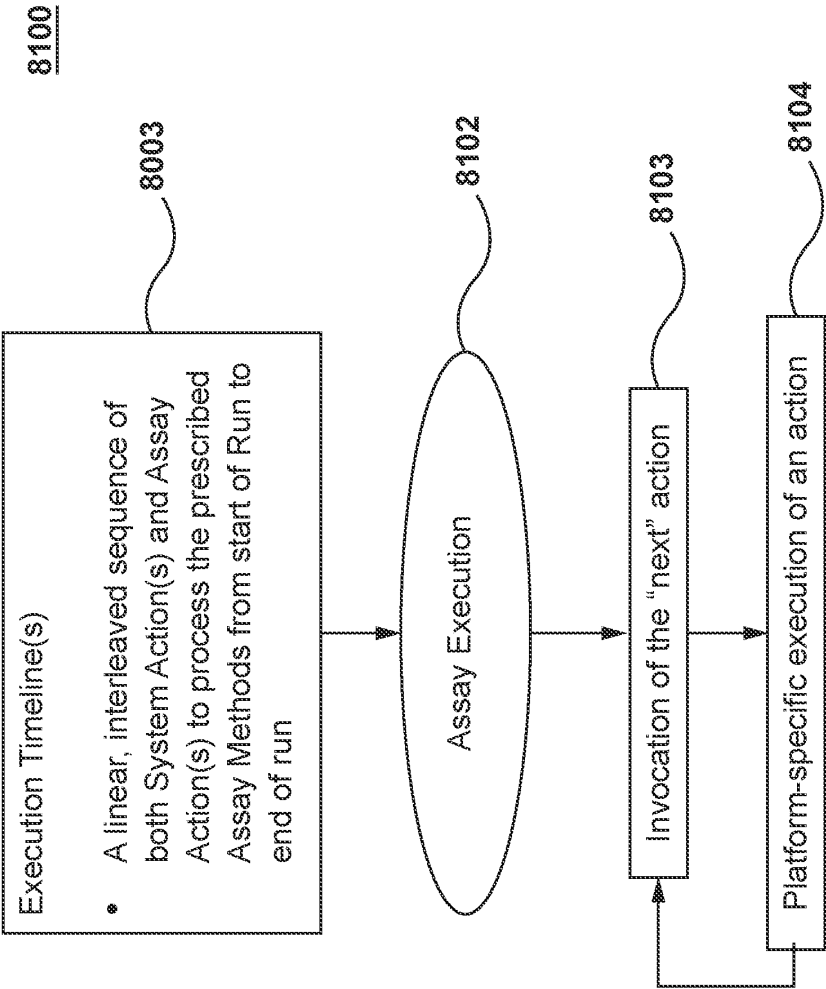


FIG. 81B

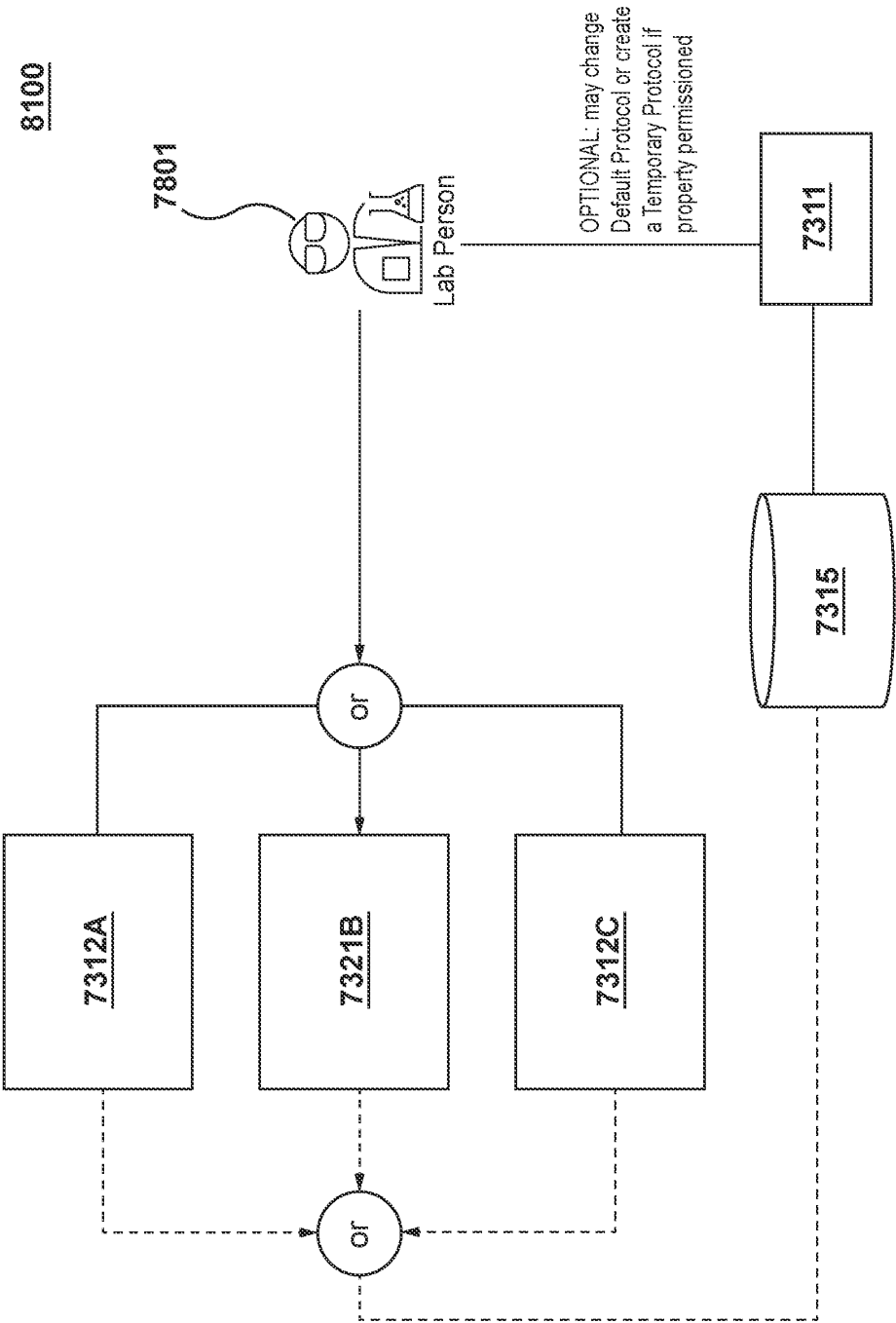
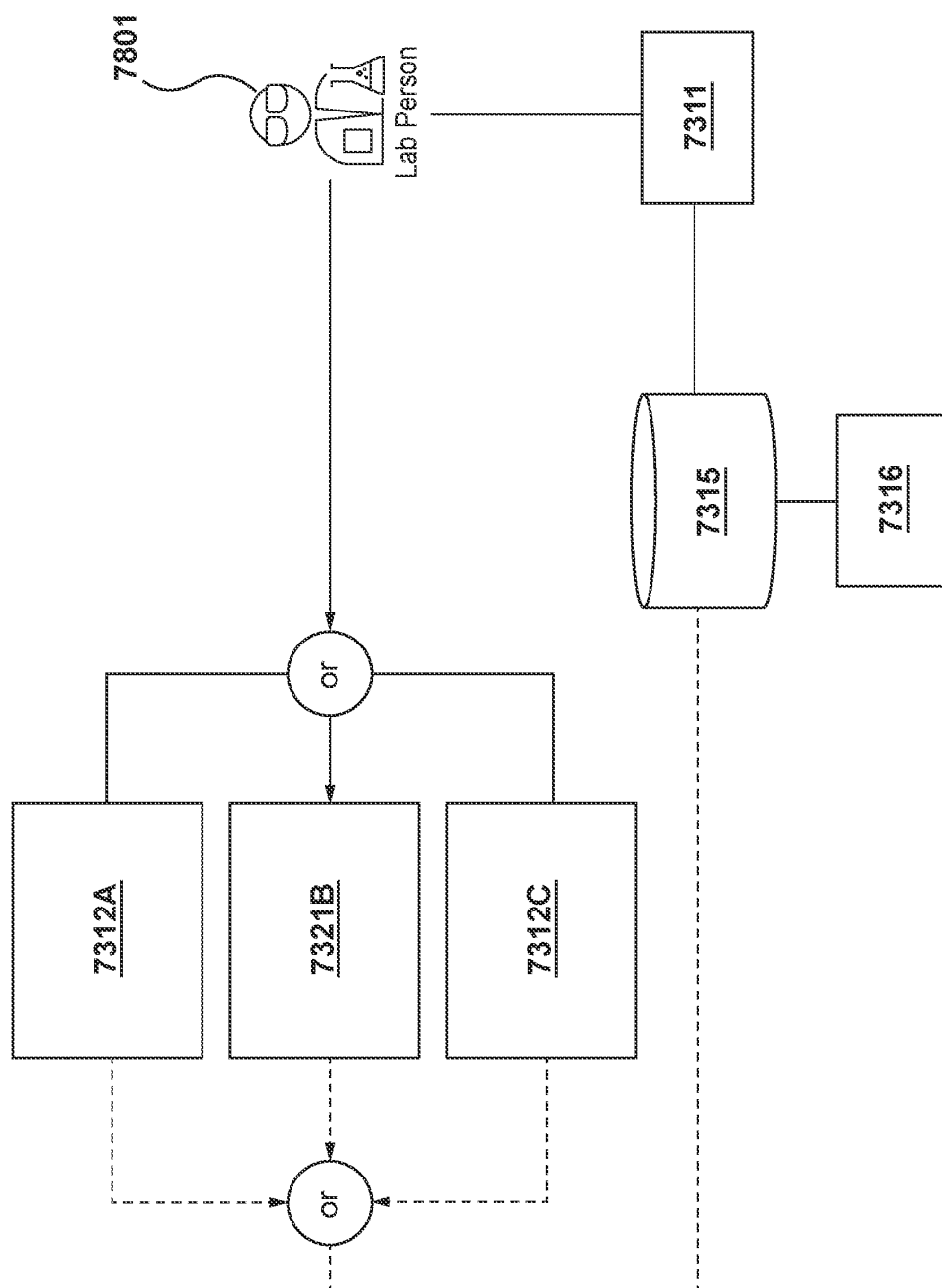


FIG. 82



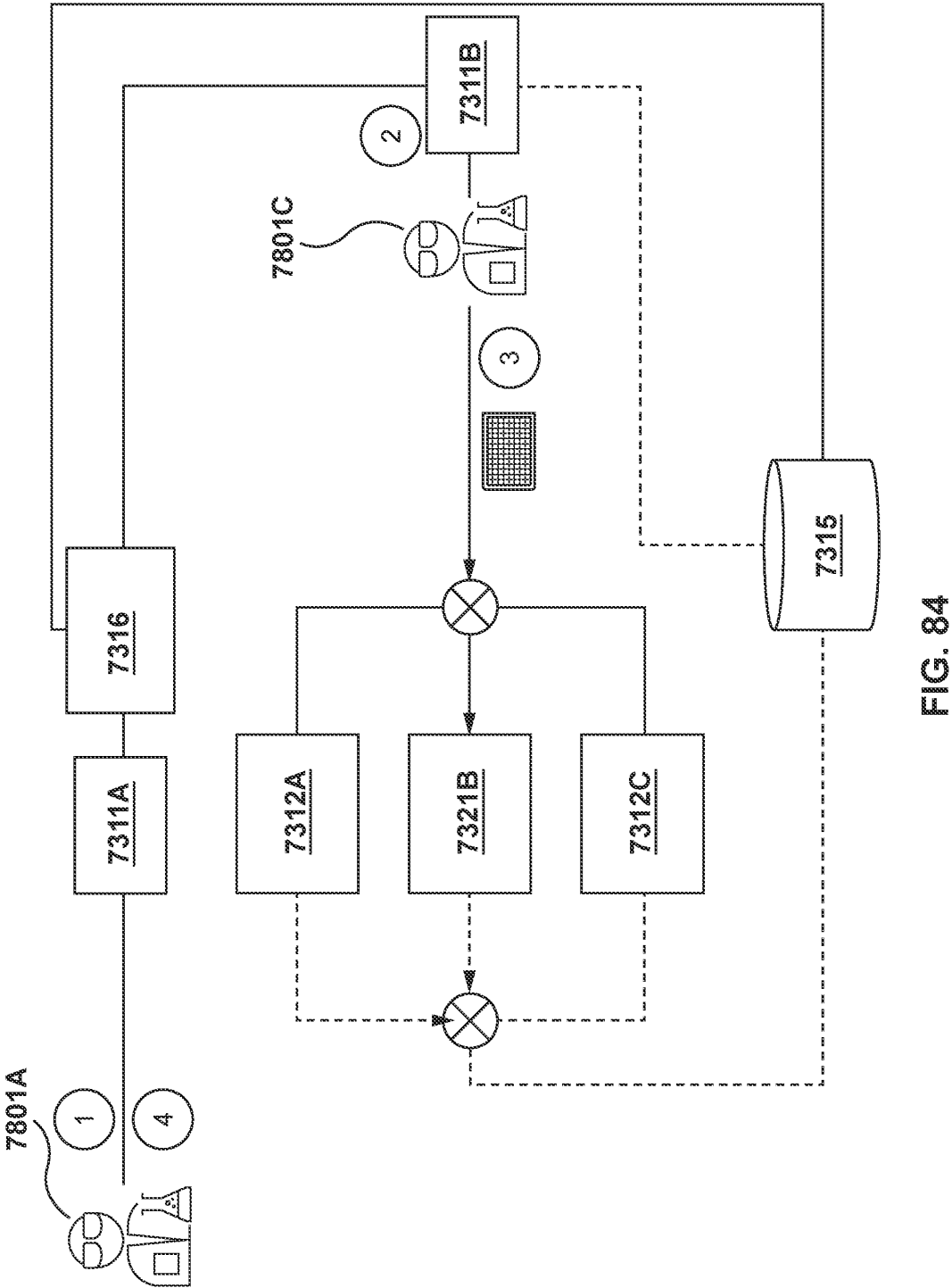


FIG. 84