

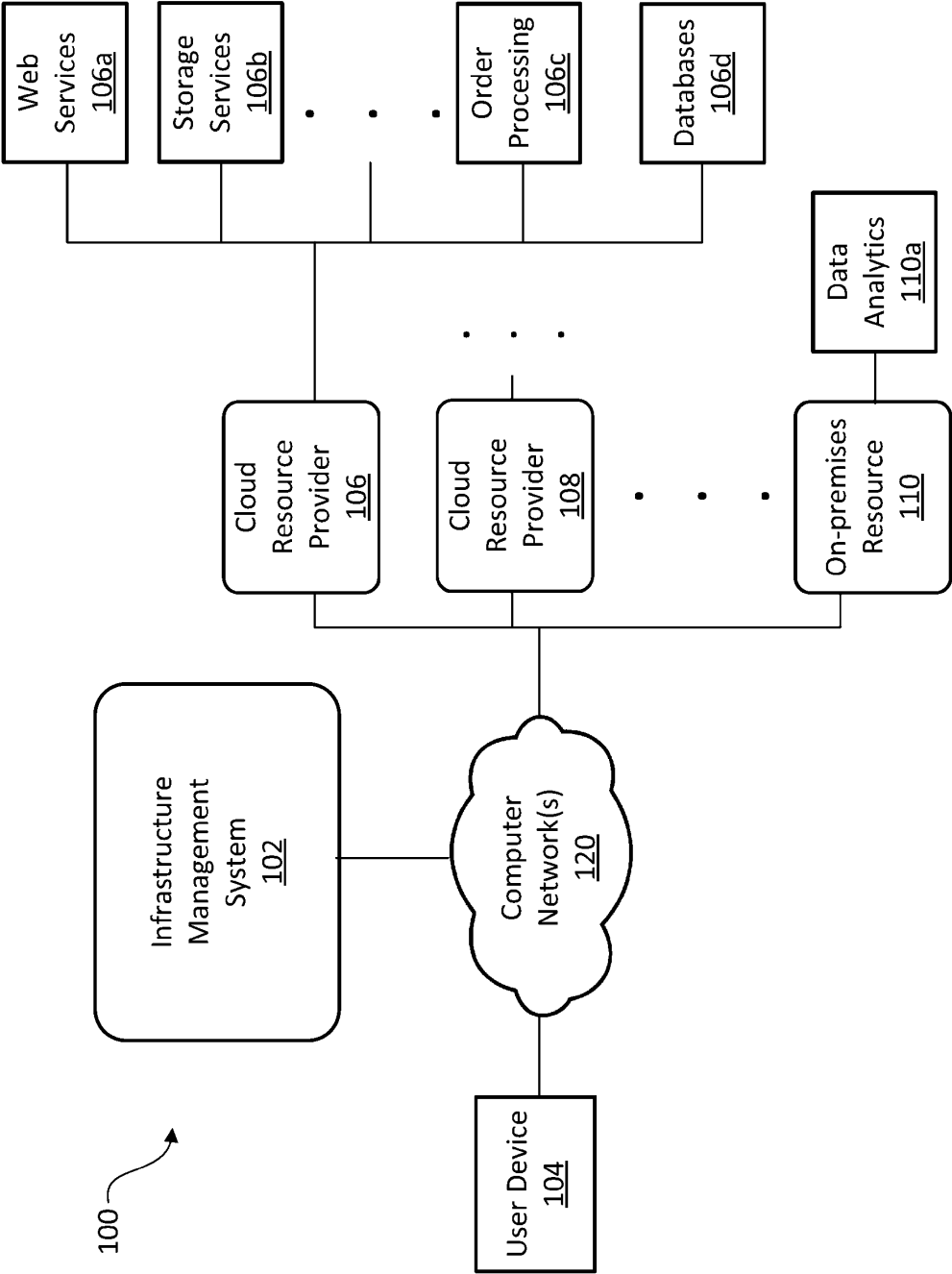


FIG. 1

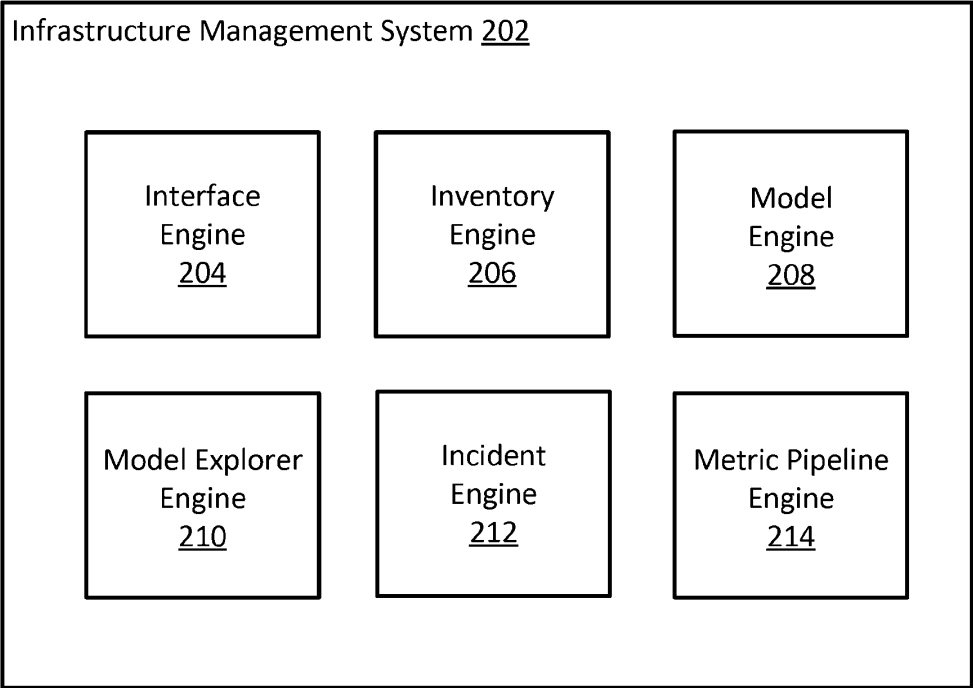


FIG. 2

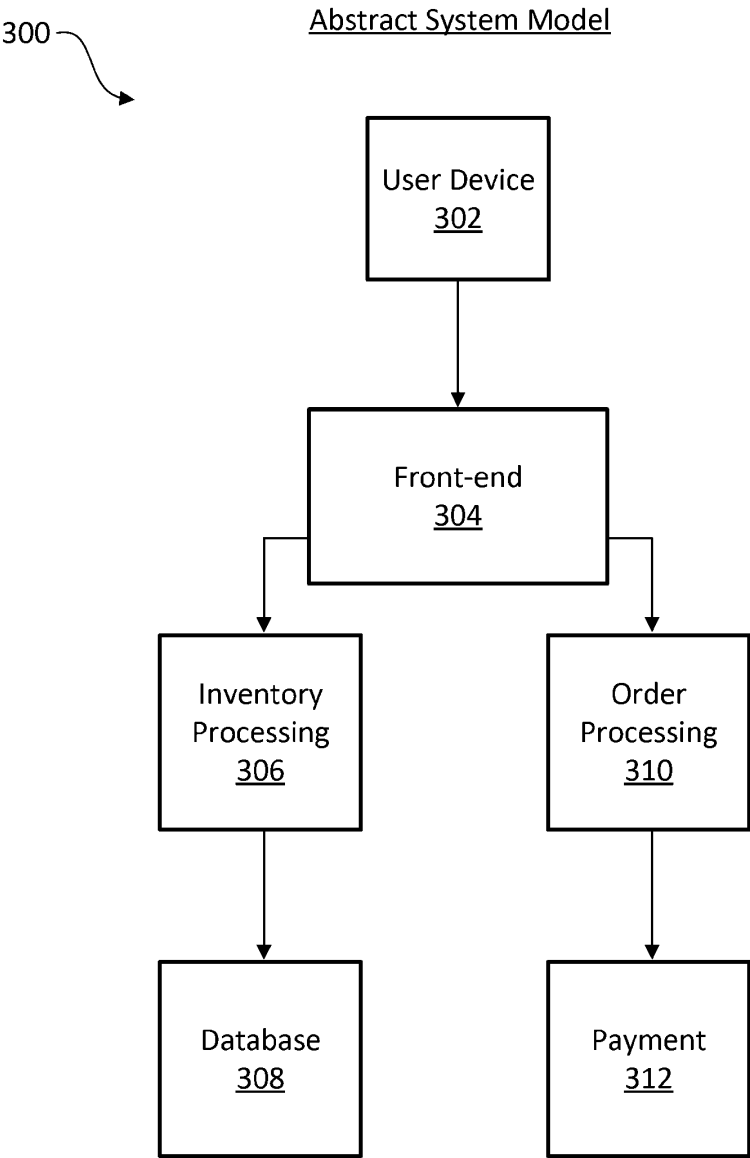


FIG. 3

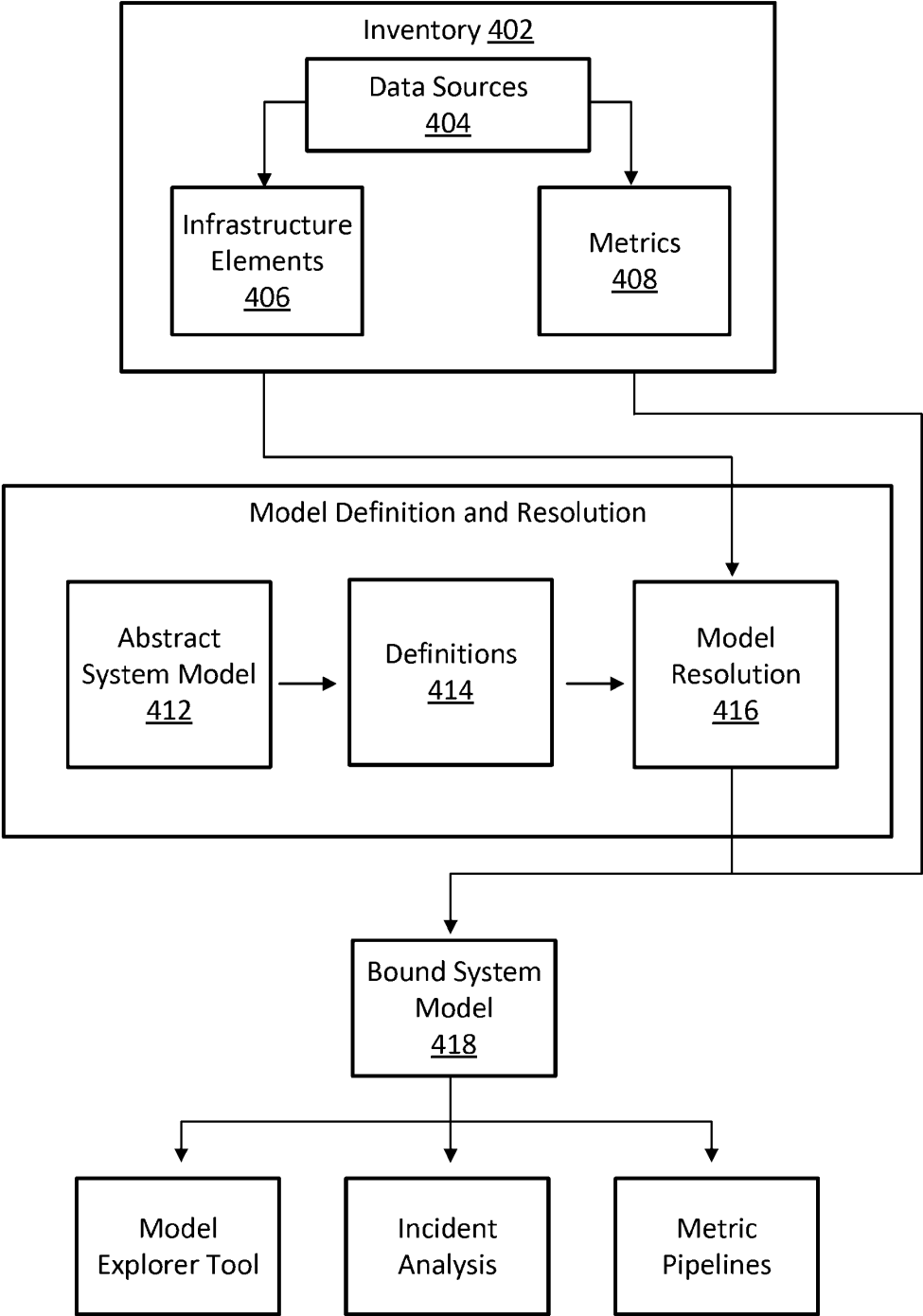


FIG. 4

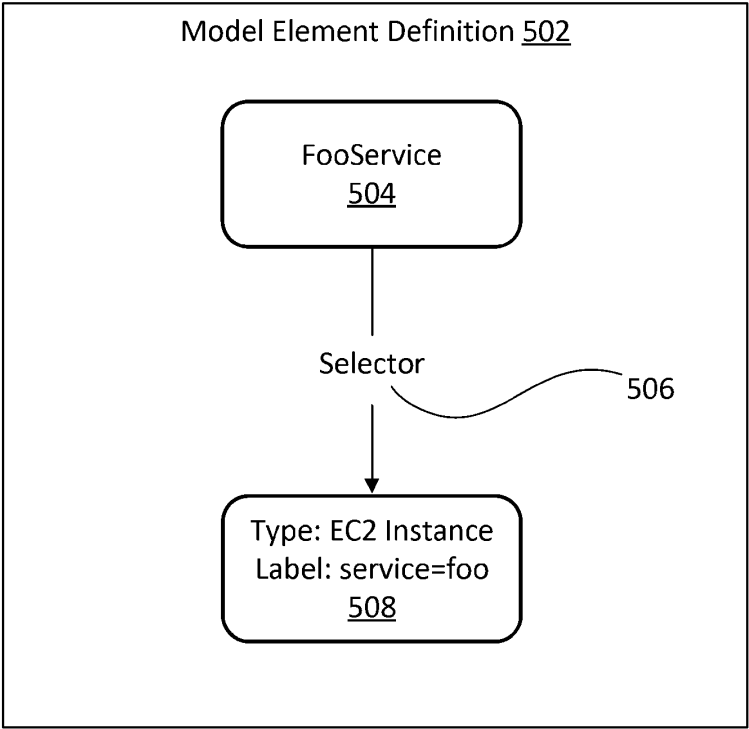


FIG. 5A

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510



```
1{  
  "elements": {  
    "1bad88d4-472b-45bd-930e-79b7204954ad": {  
      "id": "1bad88d4-472b-45bd-930e-79b7204954ad",  
      "name": "FooService"  
      "selectors": [{  
        "types": ["AWSEC2Instance"],  
        "matches": [{  
          "operator": "In",  
          "key": "service",  
          "values": ["foo"]  
        }]  
      }]  
    }  
  }  
}  
2
```

FIG. 5B

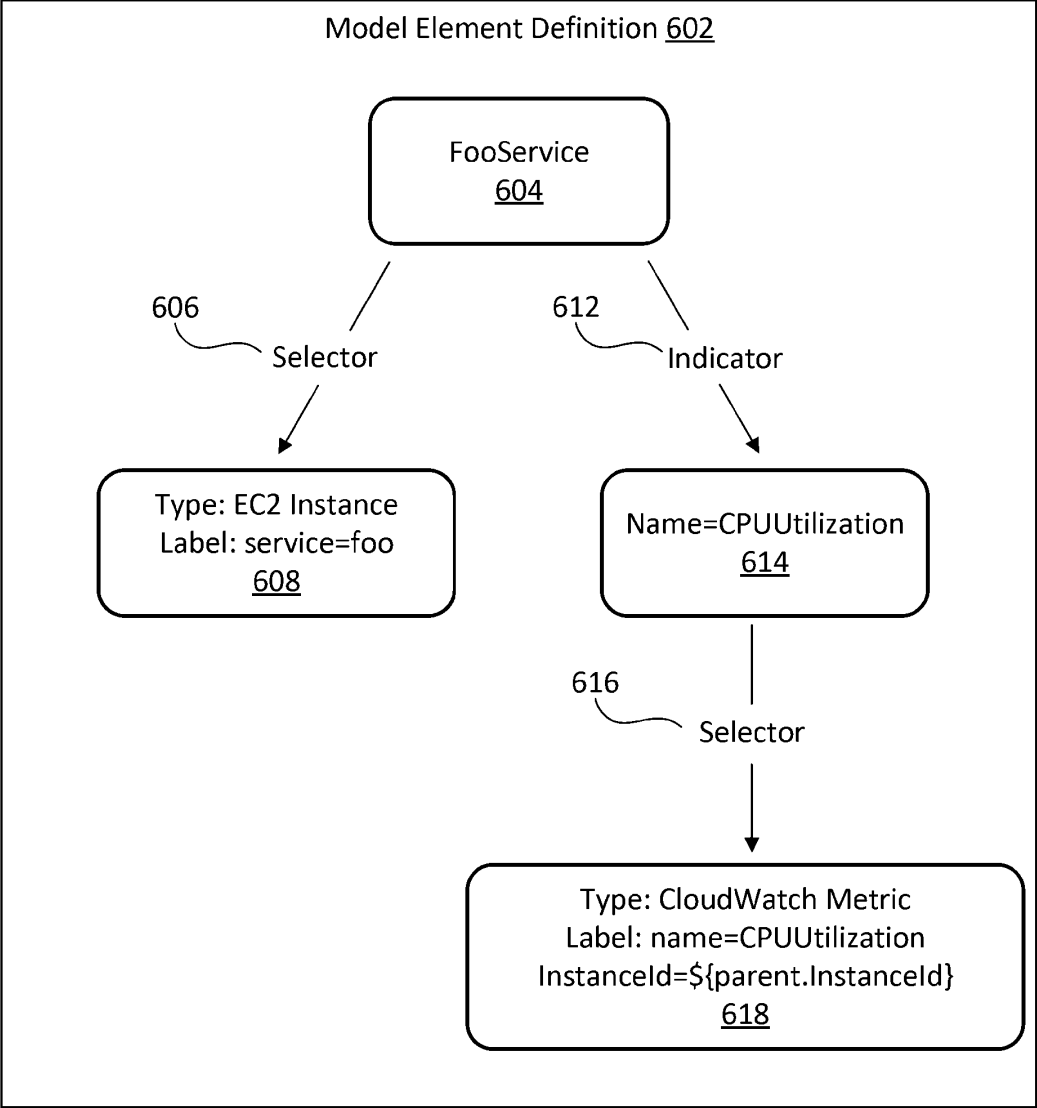


FIG. 6A

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630

```
{
  "elements": {
    "1bad88d4-472b-45bd-930e-79b7204954ad": {
      "id": "1bad88d4-472b-45bd-930e-79b7204954ad",
      "name": "FooService"
      "selectors": [{
        "types": ["AWSEC2Instance"],
        "matches": [{
          "key": "service",
          "operator": "In",
          "values": ["foo"]
        }]
      }]
  }

  "indicators": {
    "e7de9407-780e-4864-9424-f890535c8f27": {
      "name": "CPUUtilization",
      "metrics": [{
        "id": "f9f0c974-f793-4e8c-8ffc-f82ef36a0c48",
        "selectors": [
          "types": ["AWSCloudwatchMetric"],
          "matches": [{
            "key": "Name",
            "operator": "In",
            "values": ["CPUUtilization"]
          }],
          {
            "key": "InstanceId",
            "operator": "In",
            "values": ["${parent.InstanceId}"]
          }
        ]
      }
    ]
  }
}
```

FIG. 6B

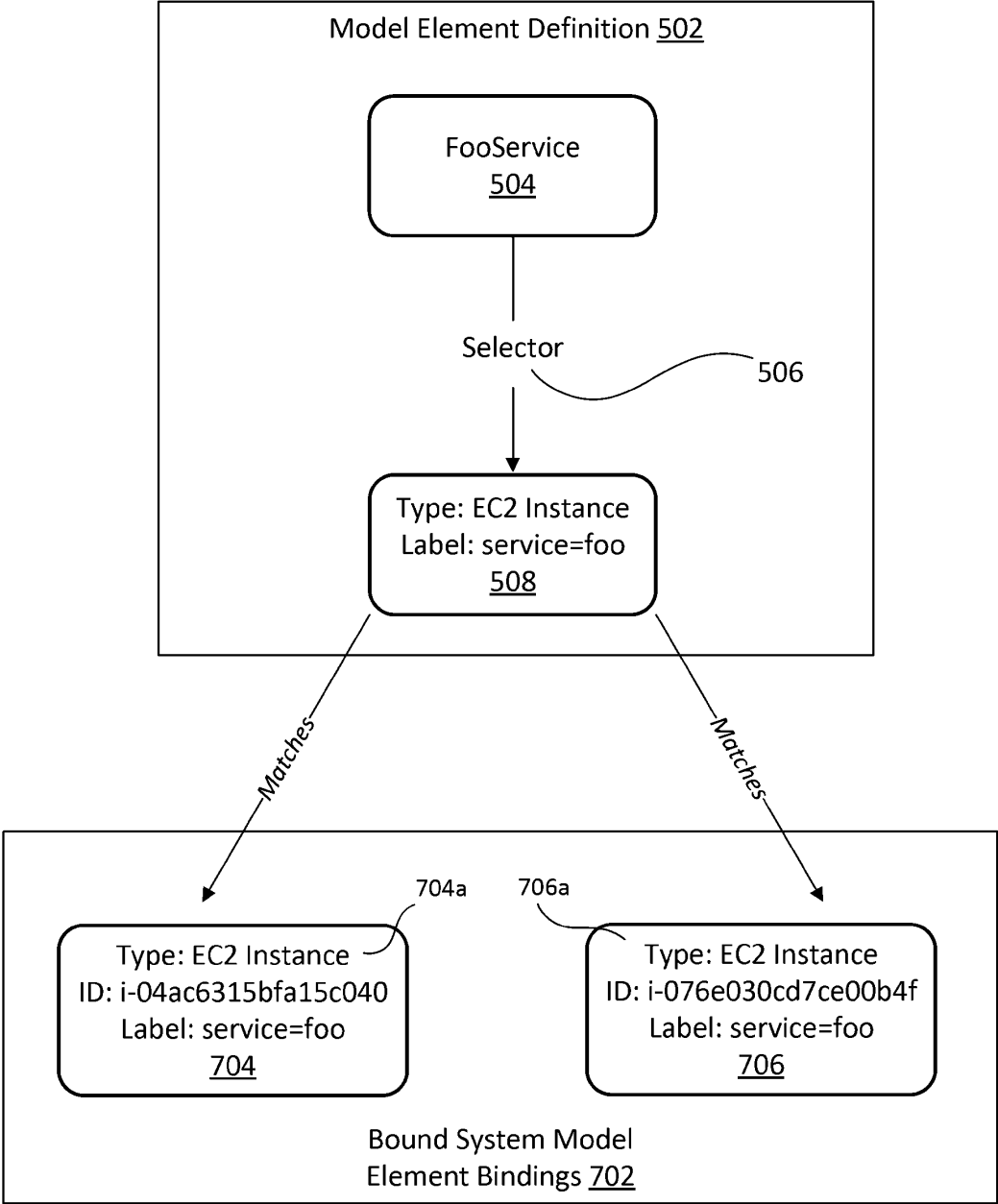


FIG. 7

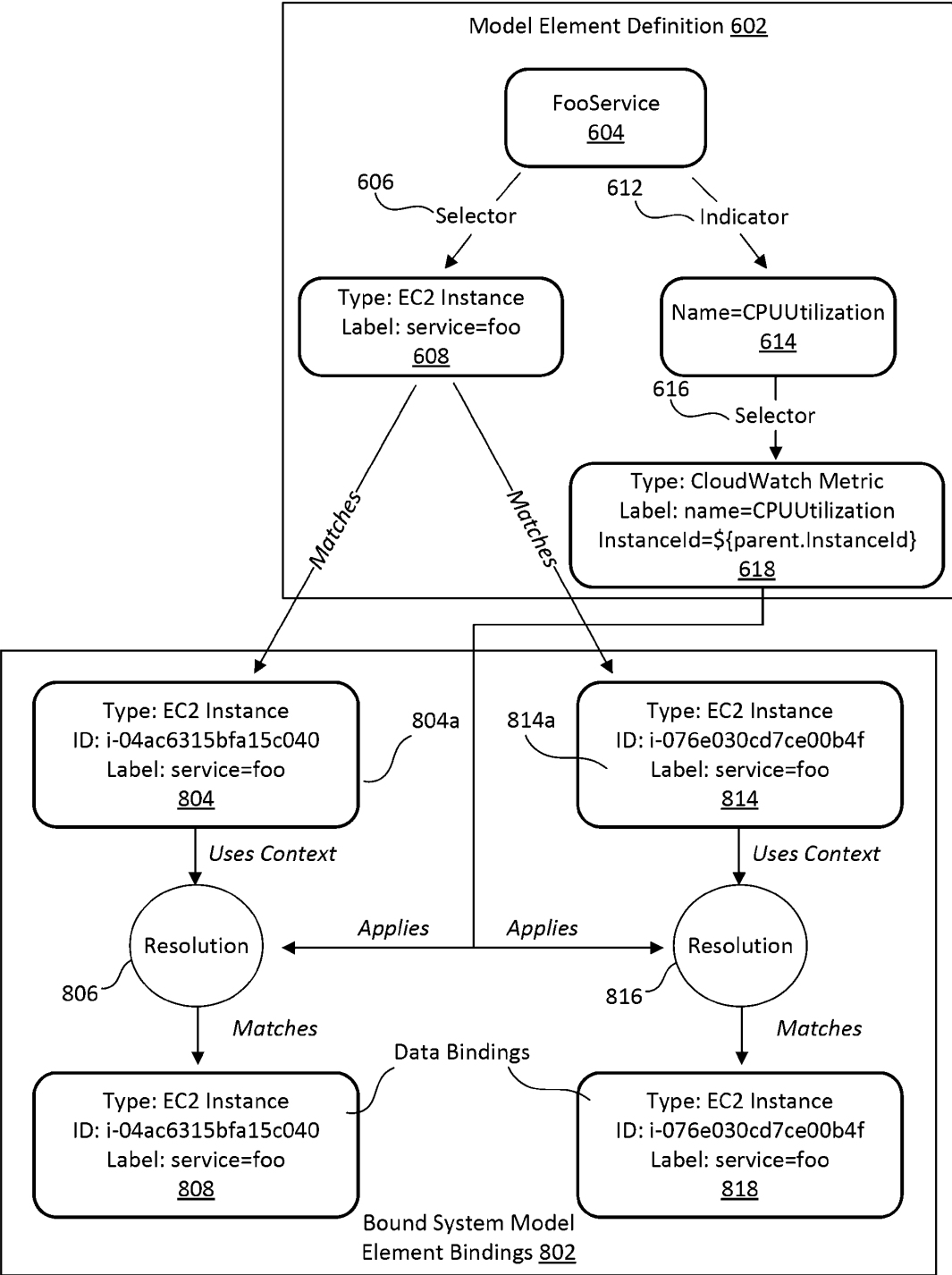


FIG. 8

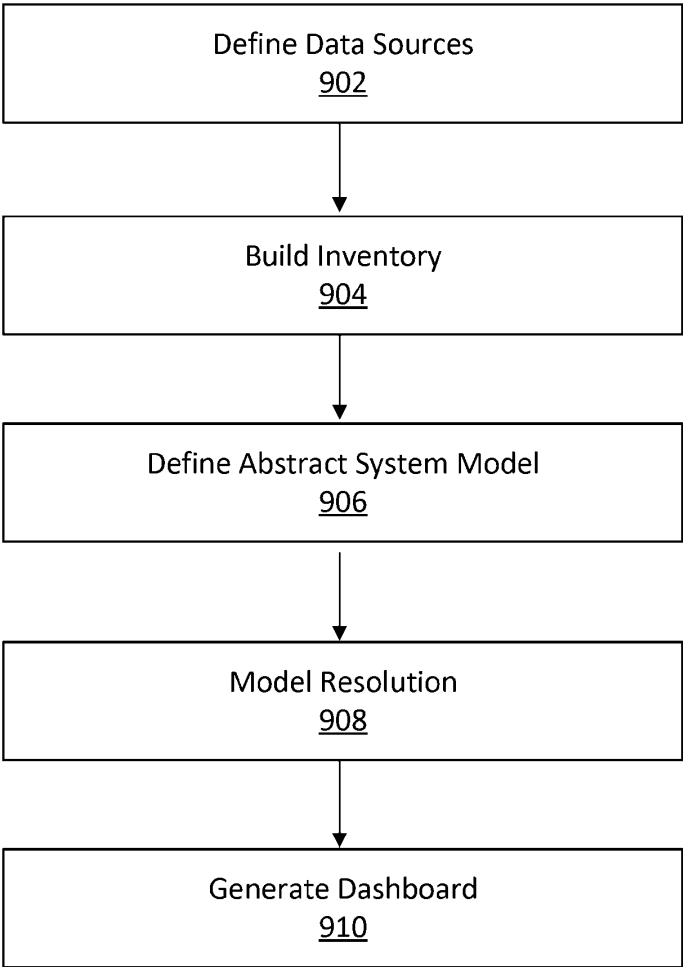


FIG. 9

1002

Add Data Source

General Info

Name*

test

Description

Source Type

Type*

AWS

Source Config

API *

☒ EC2

☒ CloudWatch

☒ Elastic Kubernetes Service

☒ Elastic Load Balancer

Region*

Access Key ID*

Secret Access Key*

Inventory Sync Enabled

Disabling sync period will prevent fetching any new inventory

Inventory Sync Period

600

How often new inventory data is fetched (in seconds)

Metric Pull Period

600

FIG. 10A

1004

'Neil1' AWS Source

Neil1

SUMMARY

TASKS

INVENTORY

DATA SOURCES / 'NEIL1' AWS SOURCE / SUMMARY

Configuration

Type	AWS
APIs	CloudWatch, EC2, Elastic Load Balancer
Region	us-west-2
Access Key ID	*****
Secret Access Key	*****
Sync Period ⚙️	60
Metric Pull Period ⚙️	60

Status

AWS CloudWatch Sync ⚙️

less than a minute ago

Task Successful

AWS ELB Sync ⚙️

less than a minute ago

Task Successful

aws

AWS Metrics Pull ⚙️

1 minute ago

Task Successful

AWS EC2 Sync ⚙️

1 minute ago

Task Successful

Feedback

FIG. 10B

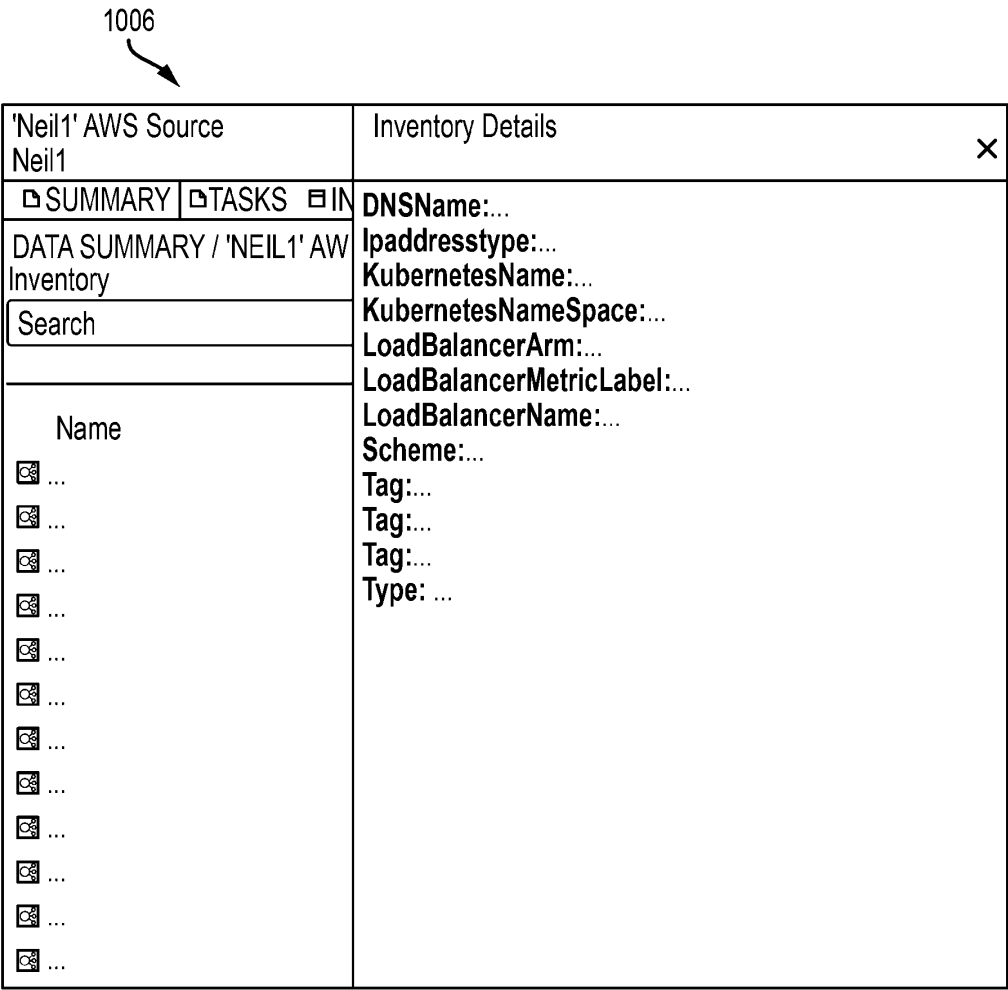


FIG. 10C

1008

Search		INFRA		METRICS	

FIG. 10D

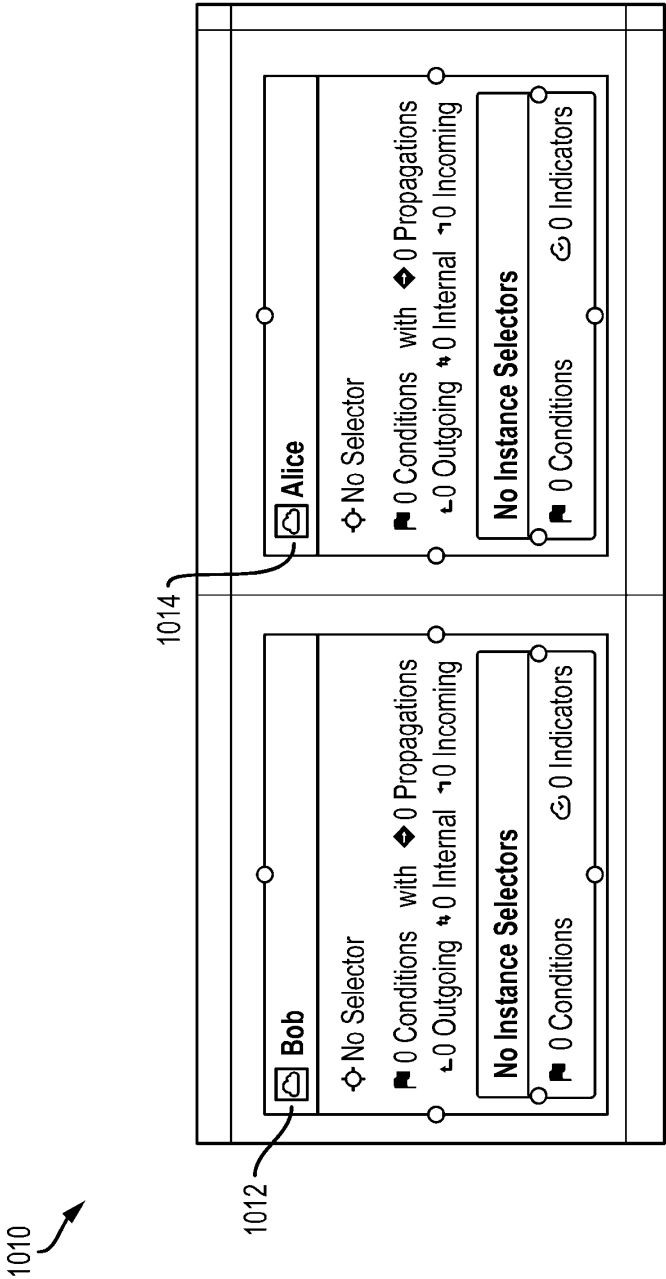


FIG. 10E

1020

1022

^

SELECTORS

SELECTED INSTANCES

CONDITIONS

RELATIONSHIPS

SELF PROPAGATION

INDICATORS

INDICATOR METRICS

^ Stuff > Bob

Name*
Bob

Description

FIG. 10F

1030

Neil1 - Advanced Model Deployment > Database ?									
OVERALL METRICS INSTANCES DETAILS SELECTORS CONDITIONS	Name								
	(Instance)	Database Instance Degraded	(Active)	(Incoming)	(Outgoing)	(Importance)	(Edit)	(Delete)	
	(Instance)	Databased Instance Quota Exceeded	(Active)	(Incoming)	(Outgoing)	(Significant)	(Edit)	(Delete)	
	(Overall)	Database Service Degraded	(Active)	(Incoming)	(Outgoing)	(Normal)	(Edit)	(Delete)	
CONDITIONS									

FIG. 10H

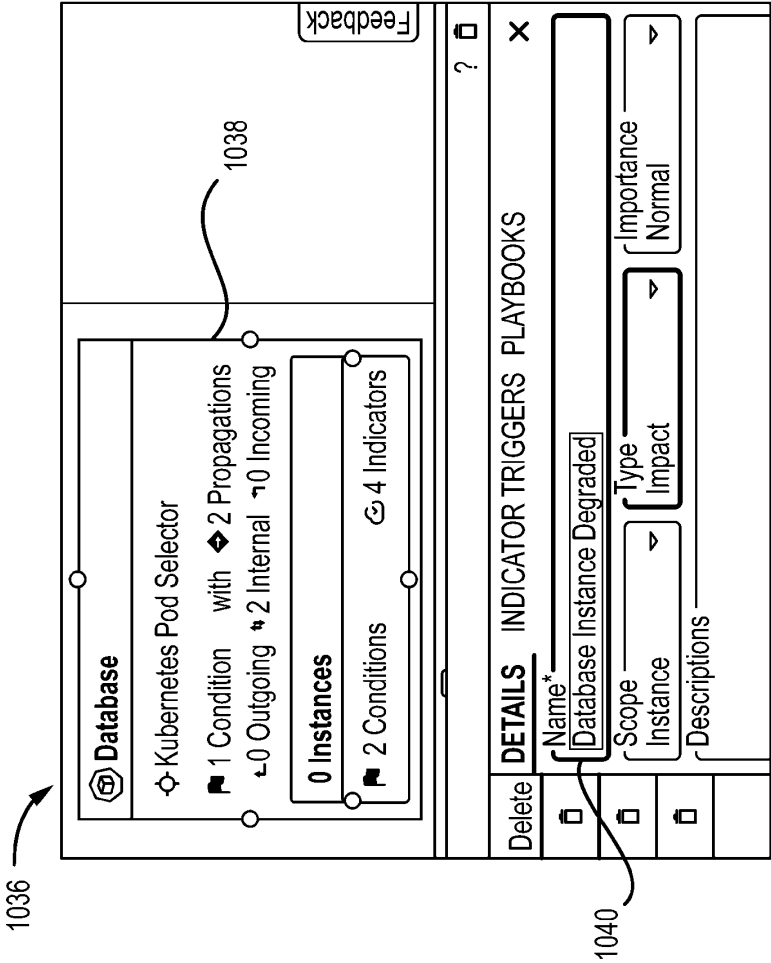


FIG. 10I

1042

1044

1046

el > Database > Database Instance Quota Exceeded

Details

Indicator Triggers

Playbooks

Tracked indicator value

Queries Per Second

>=

8

Activate condition when value

STOP TRACKING

EDIT INDICATOR

+ ADD RULE

TRACK ANOTHER INDICATOR

FIG. 10J

1052

v 'Neil1' - Advanced Model > Database ?		
SELECTORS SELECTED INSTANCES CONDITIONS RELATIONSHIPS SELF PROPAGATION INDICATORS	Source	
	Delete	
	Destination	
	Instance - Database Instance Quota Exceeded ▾	Instance - Database Instance Degraded ▾
	Instance - Database Instance Quota Exceeded Overall - Database Service Degraded Instance - Database Instance Degraded	Overall - Database Service Degraded ▾
ADD PROPAGATION		

1054

FIG. 10K

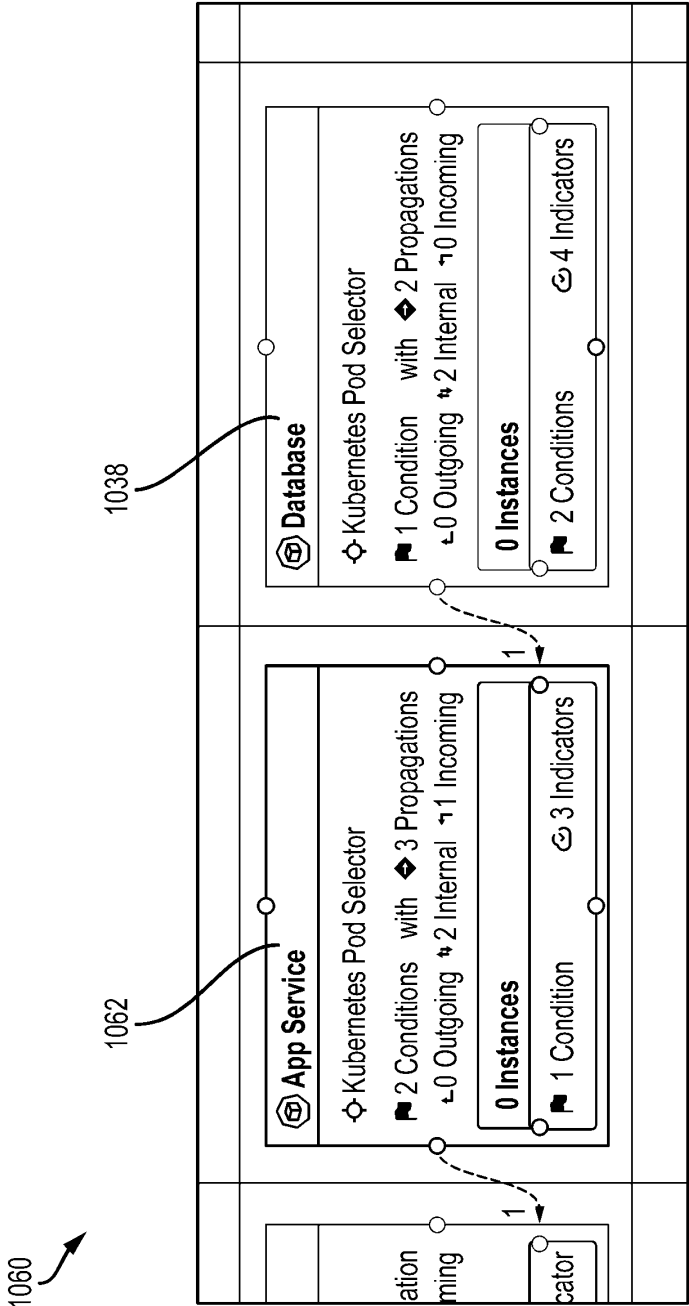


FIG. 10L

1068

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^

SELECTORS

SELECTED INSTANCES

CONDITIONS

RELATIONSHIPS

SELF PROPAGATION INDICATORS

Element

Database

DETAILS

Condition Propagations From Database to App Service

Source

Destination

Delete

Overall - Database Service De...

→

Instance - Latency High

ADD PROPAGATION

?

✕

<

✕

FIG. 10M

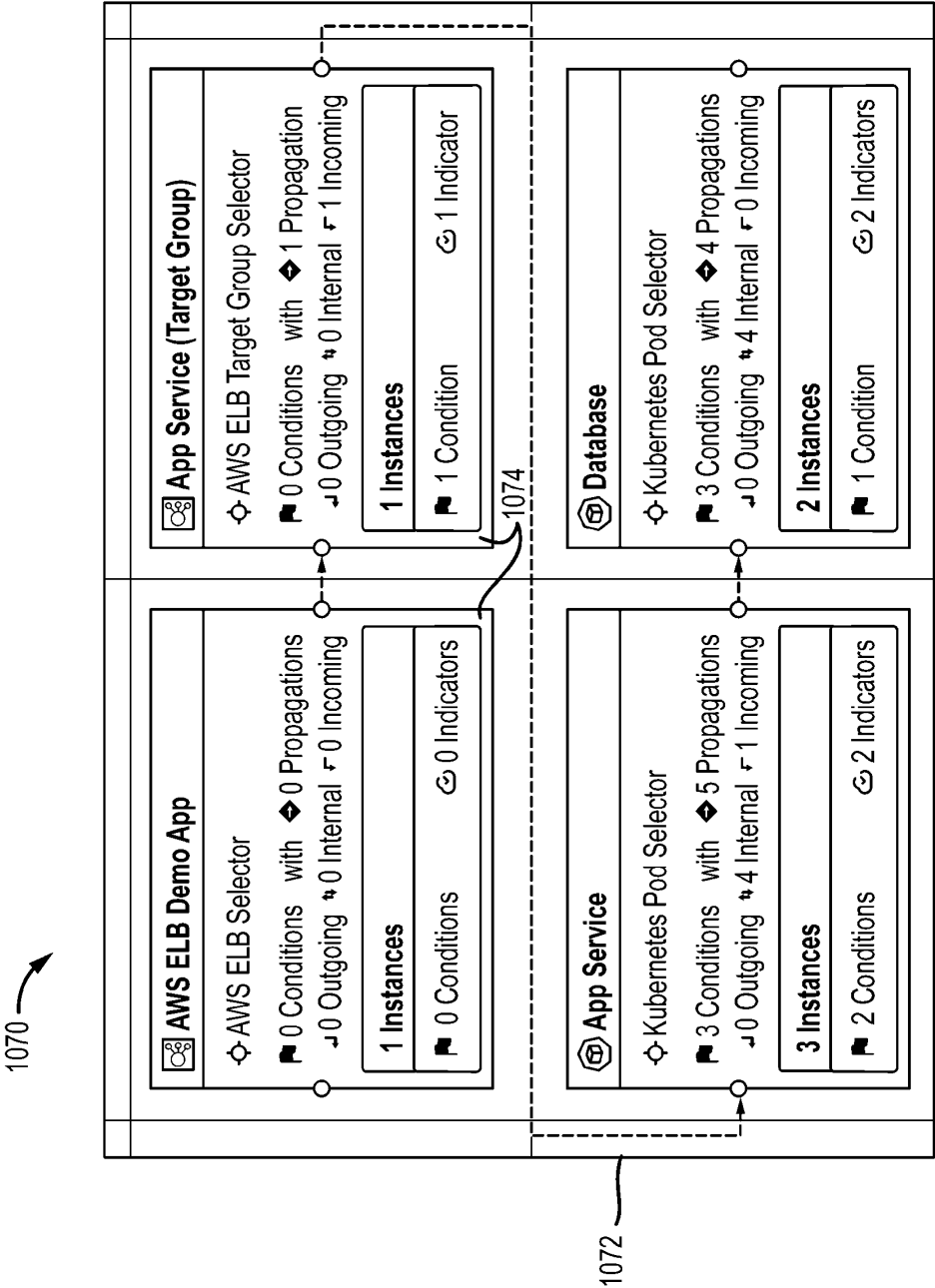


FIG. 10N

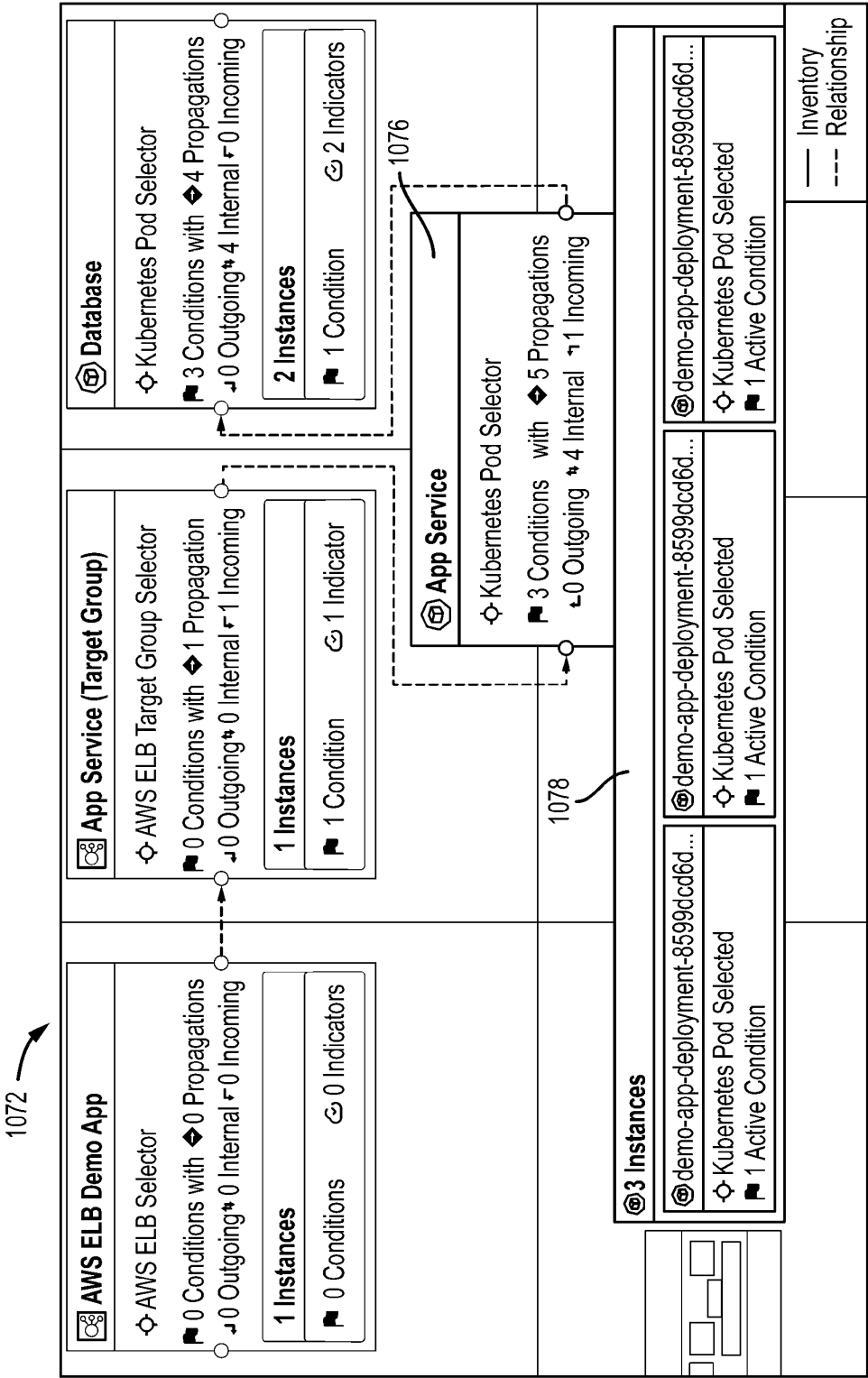


FIG. 100

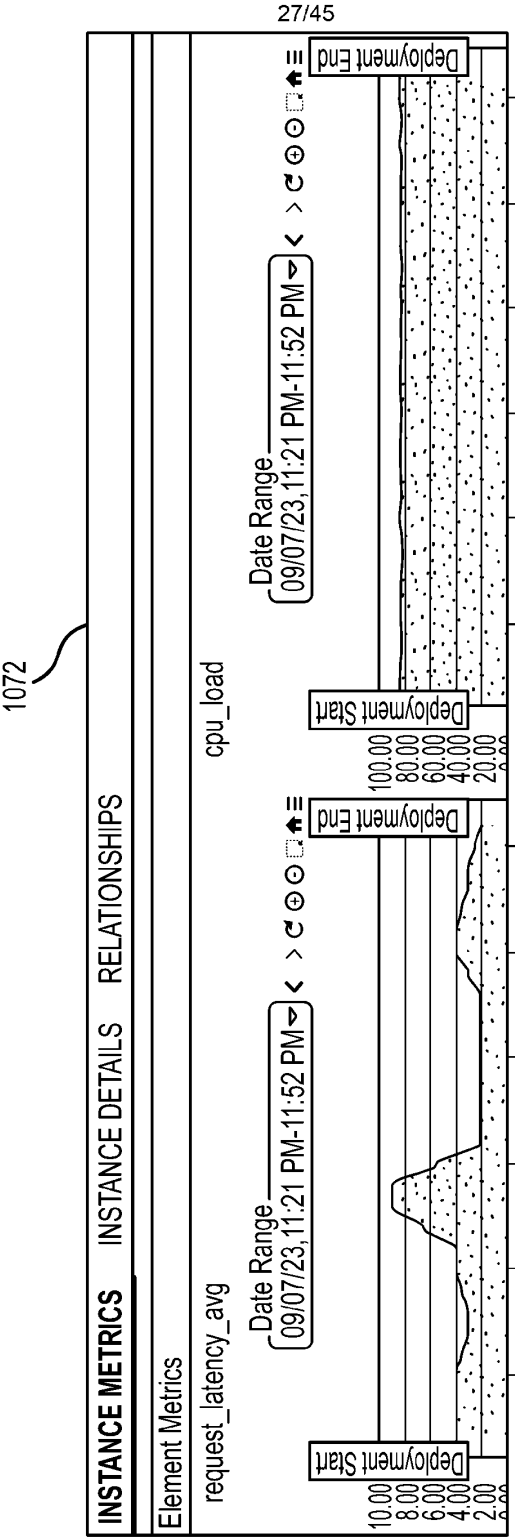


FIG. 10P

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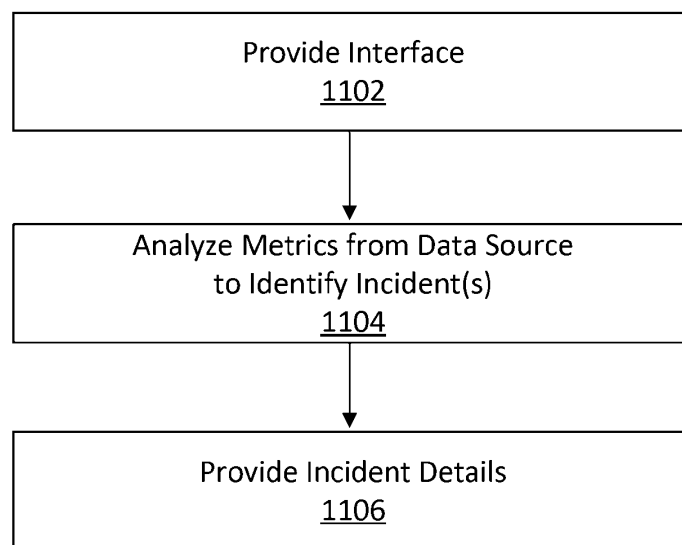


FIG. 11

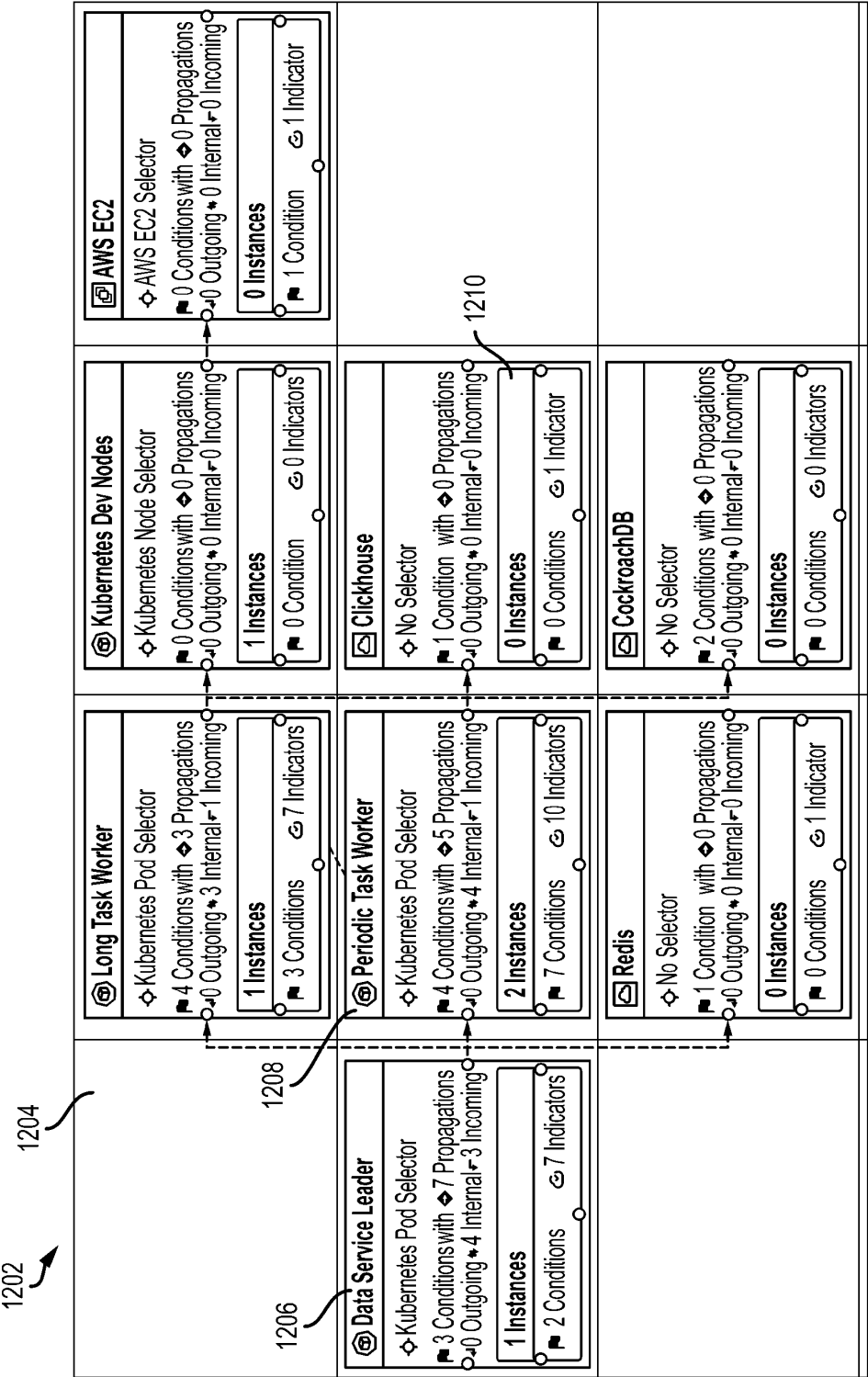


FIG. 12A

1222

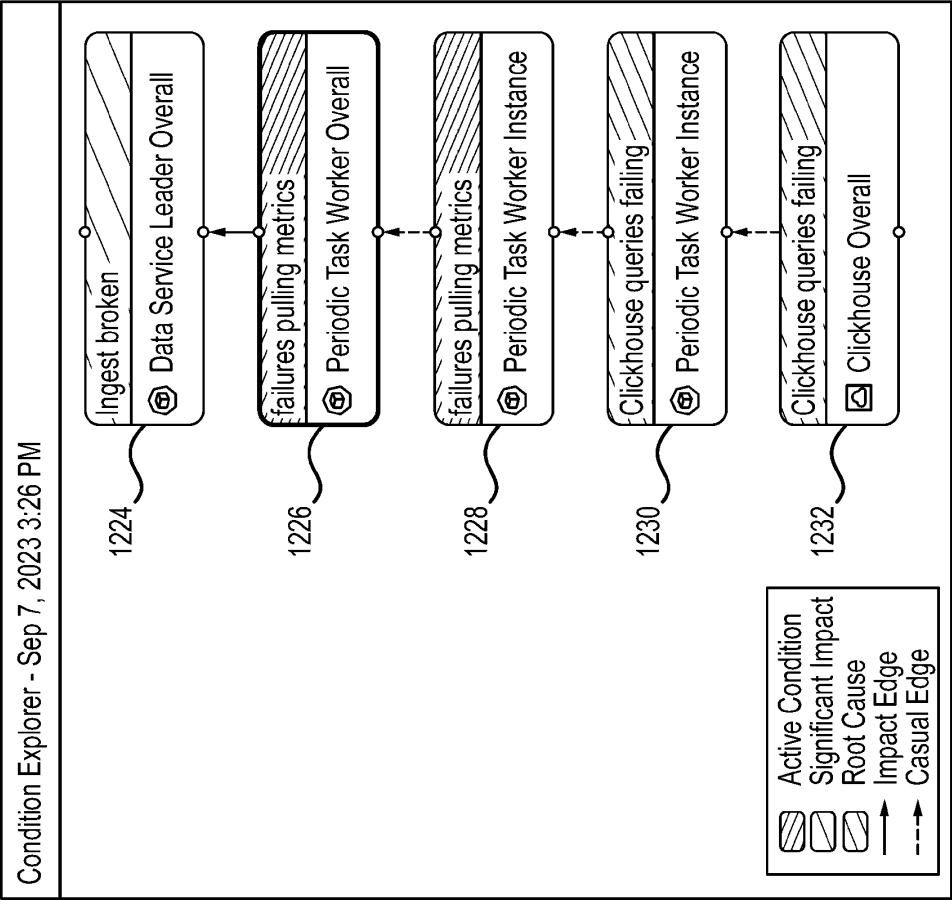


FIG. 12B

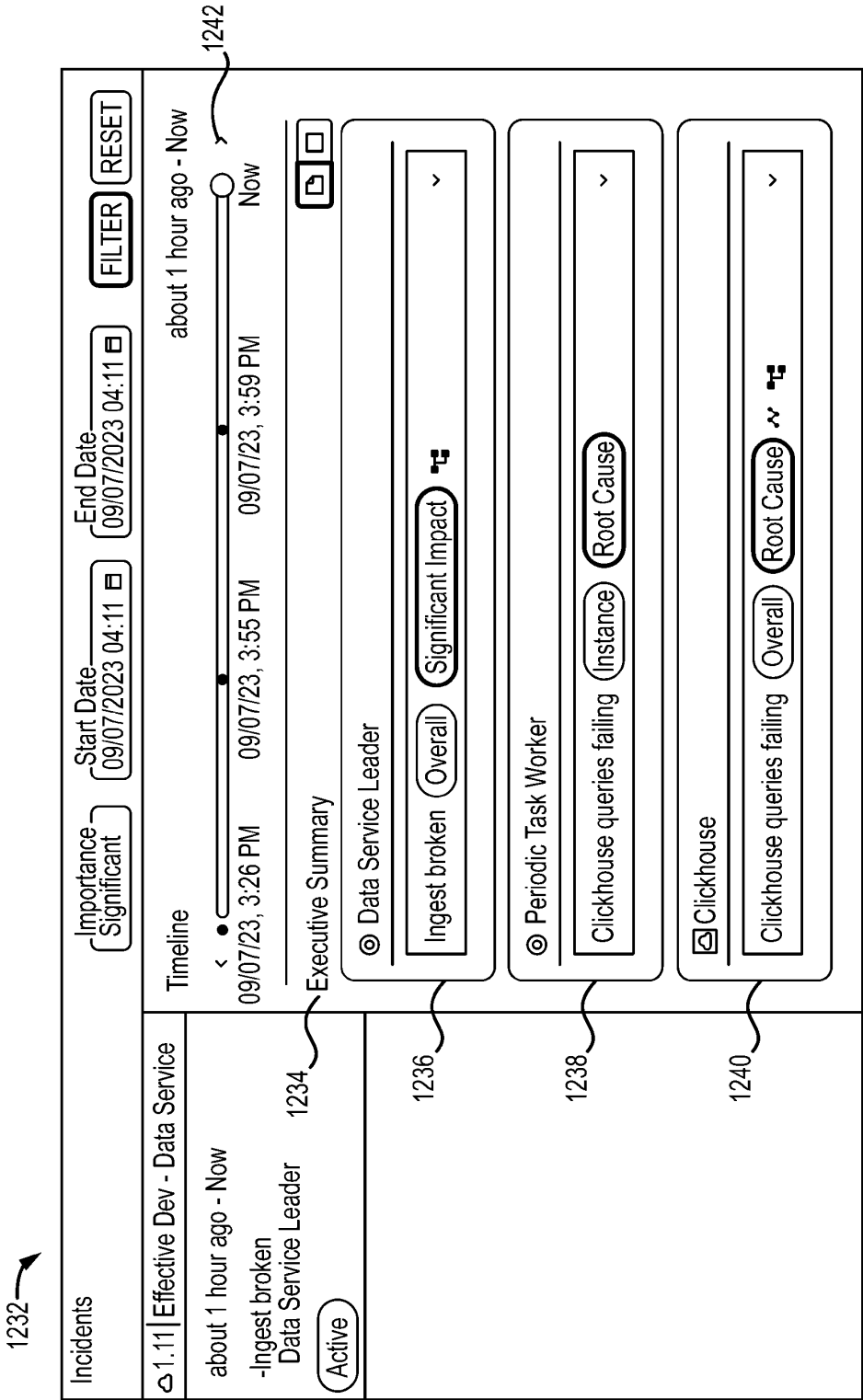
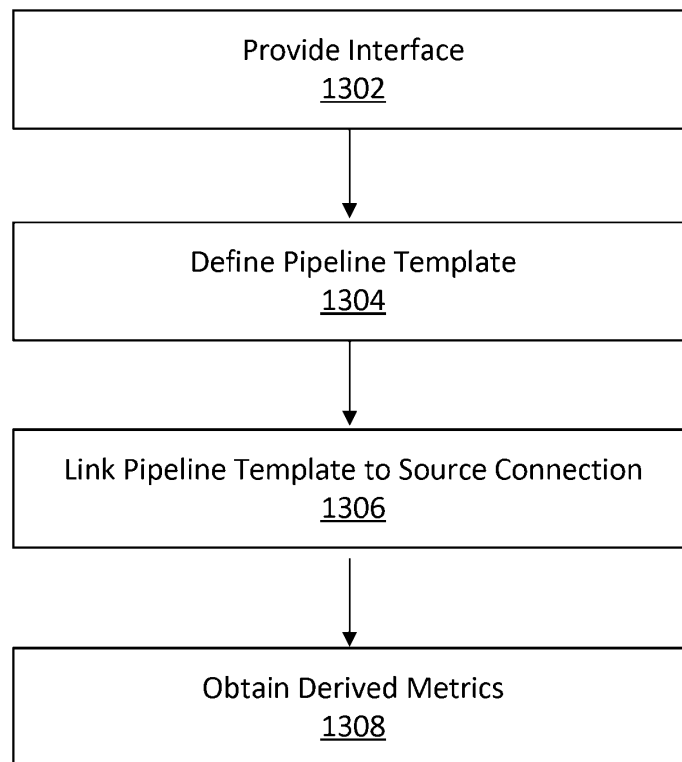


FIG. 12C

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**FIG. 13**

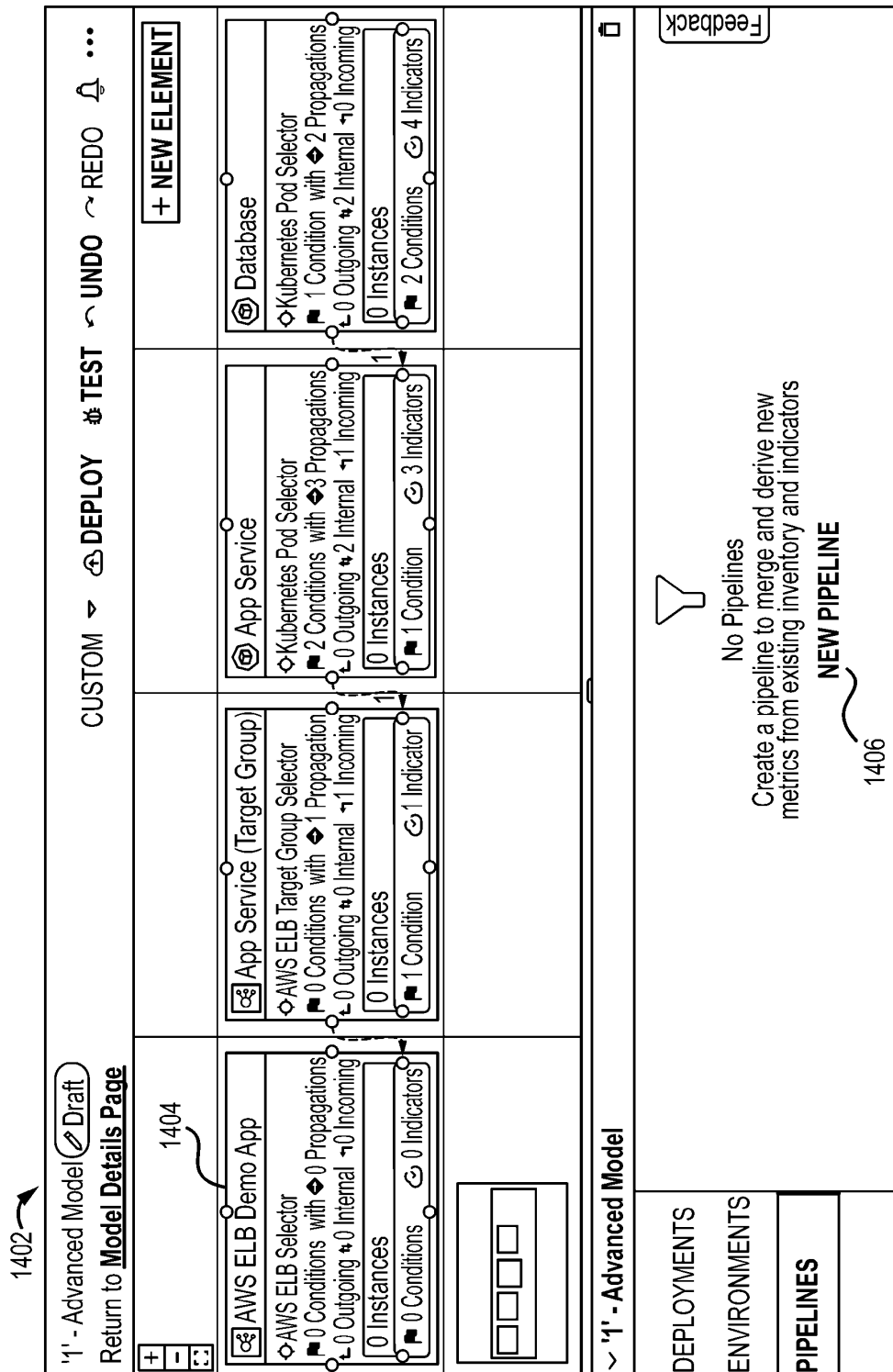


FIG. 14A

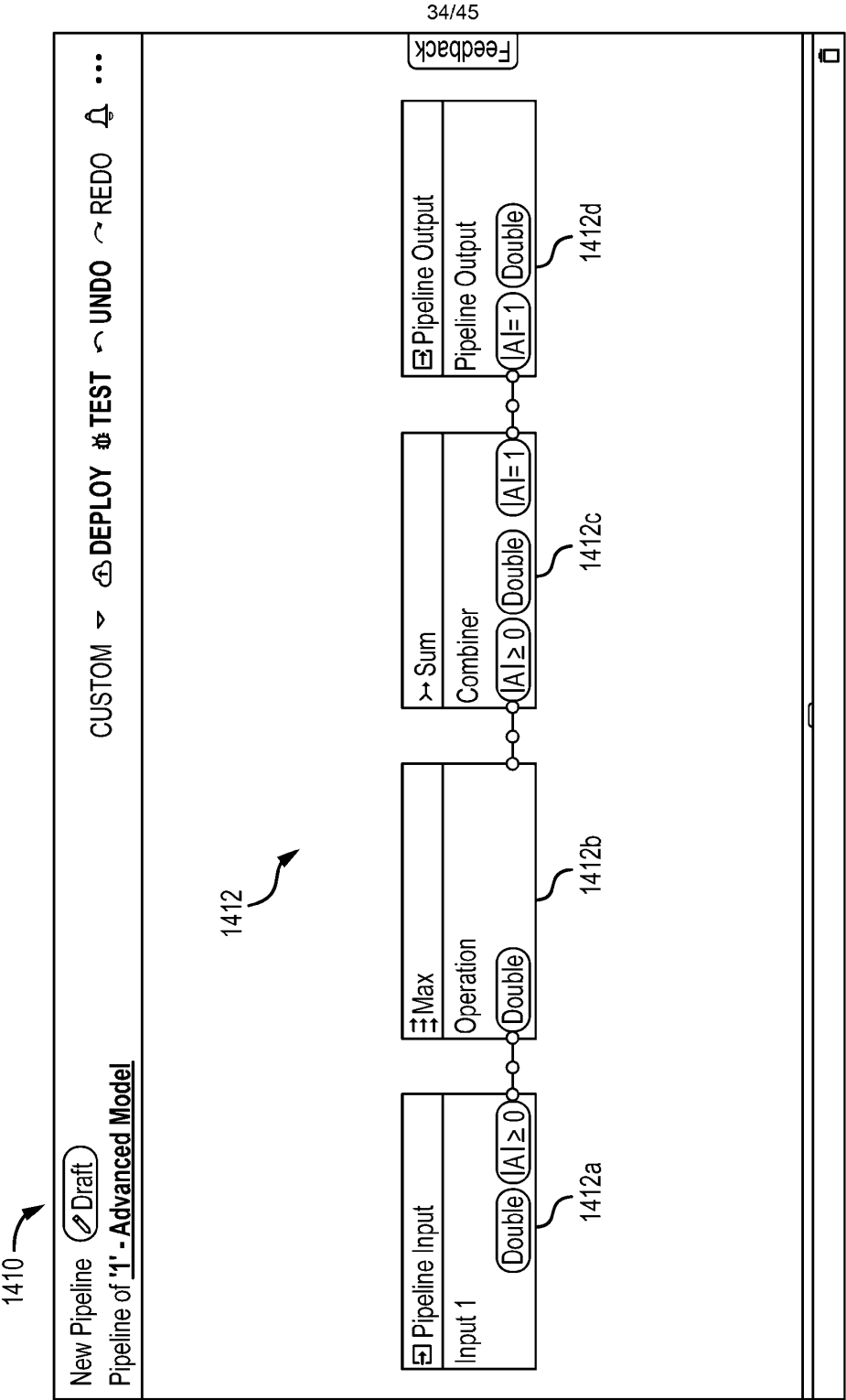
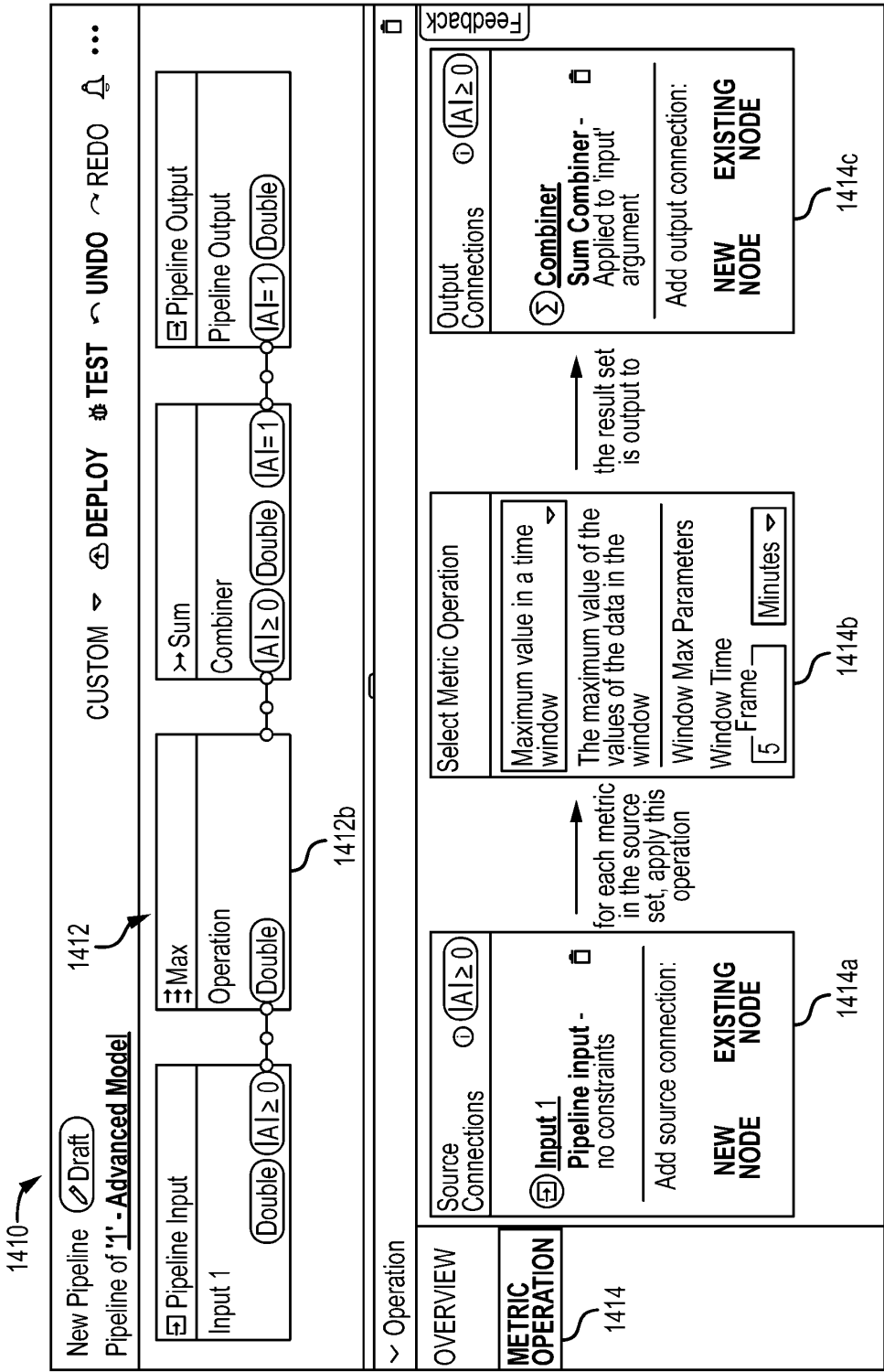


FIG. 14B



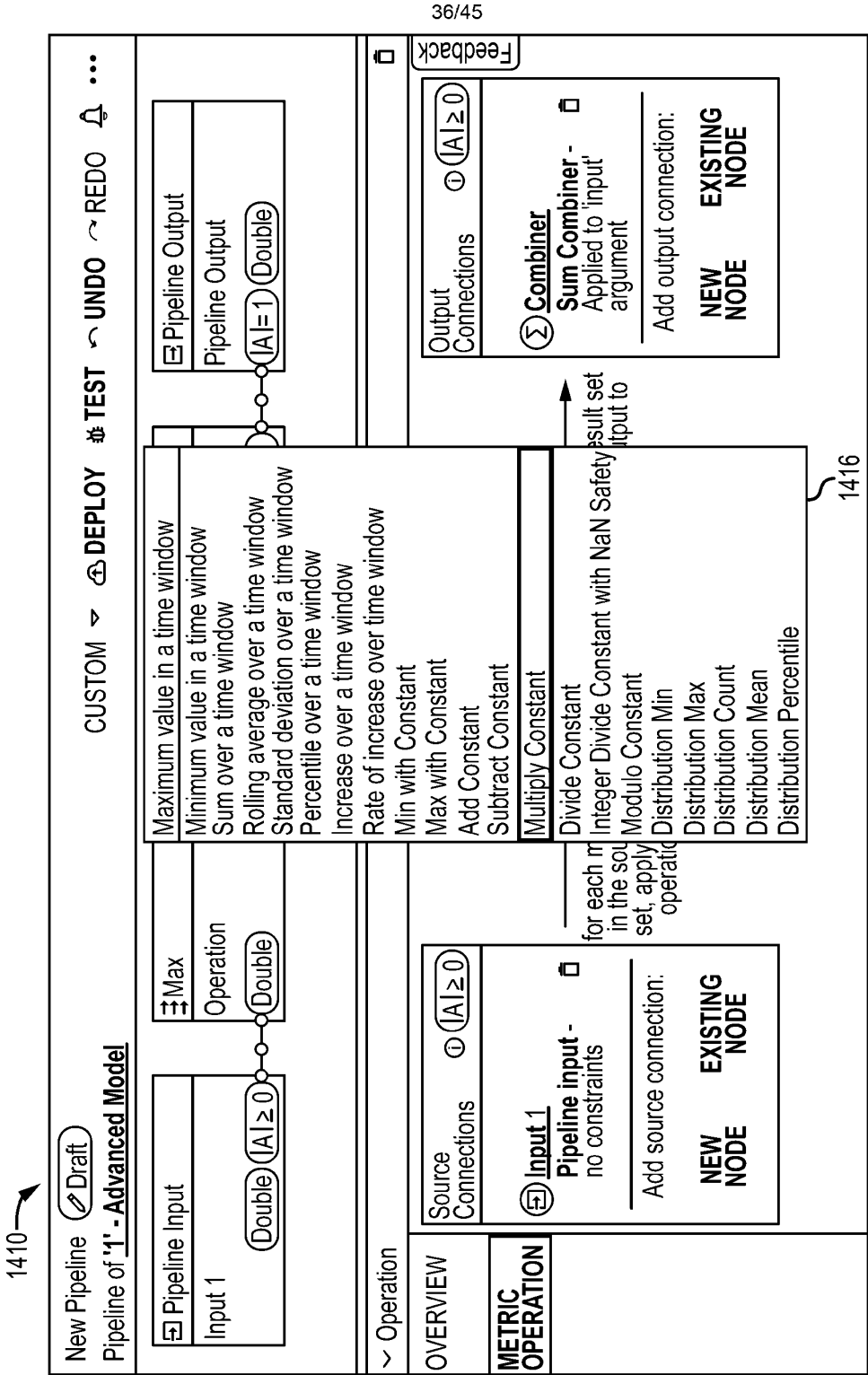
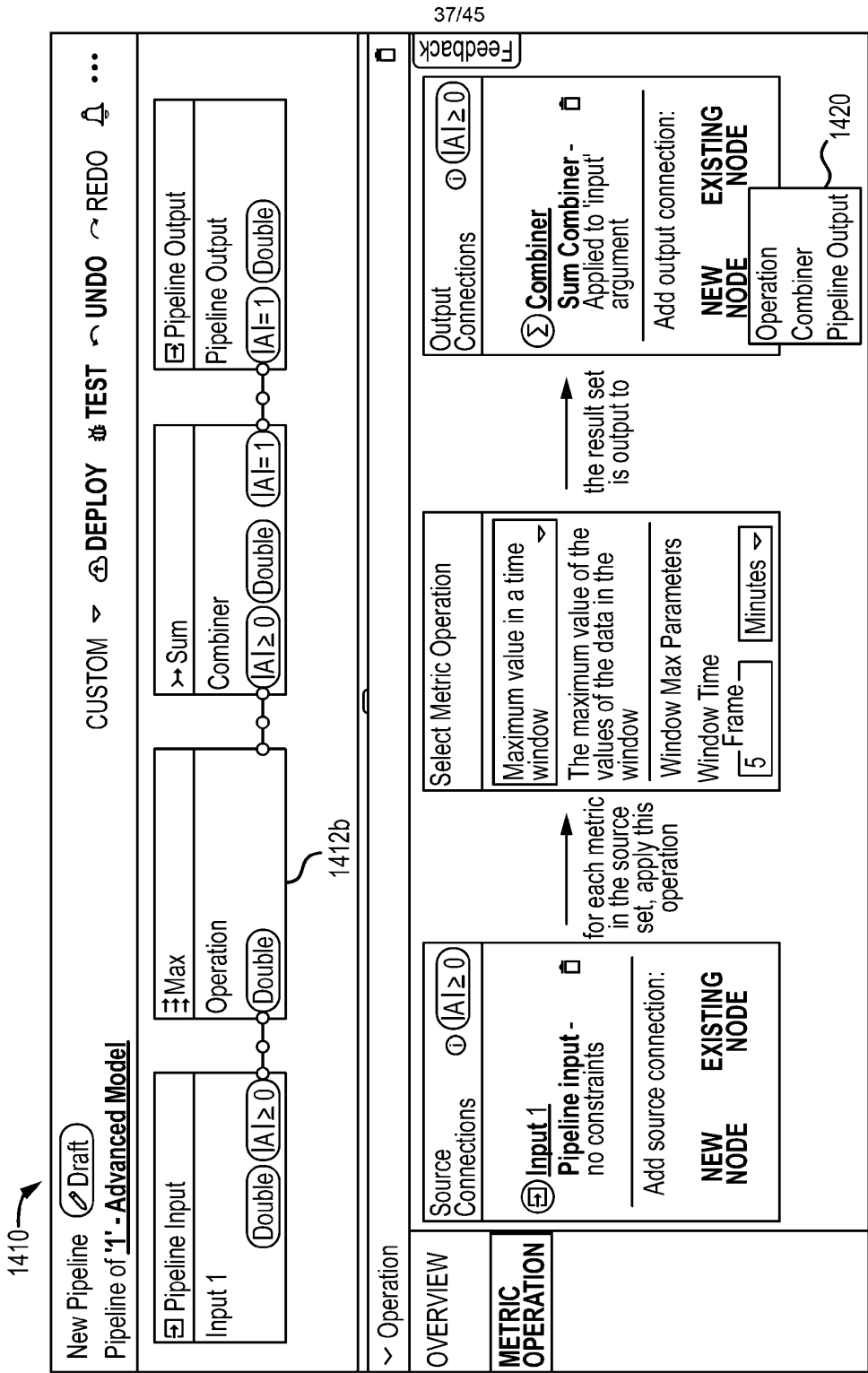


FIG. 14D



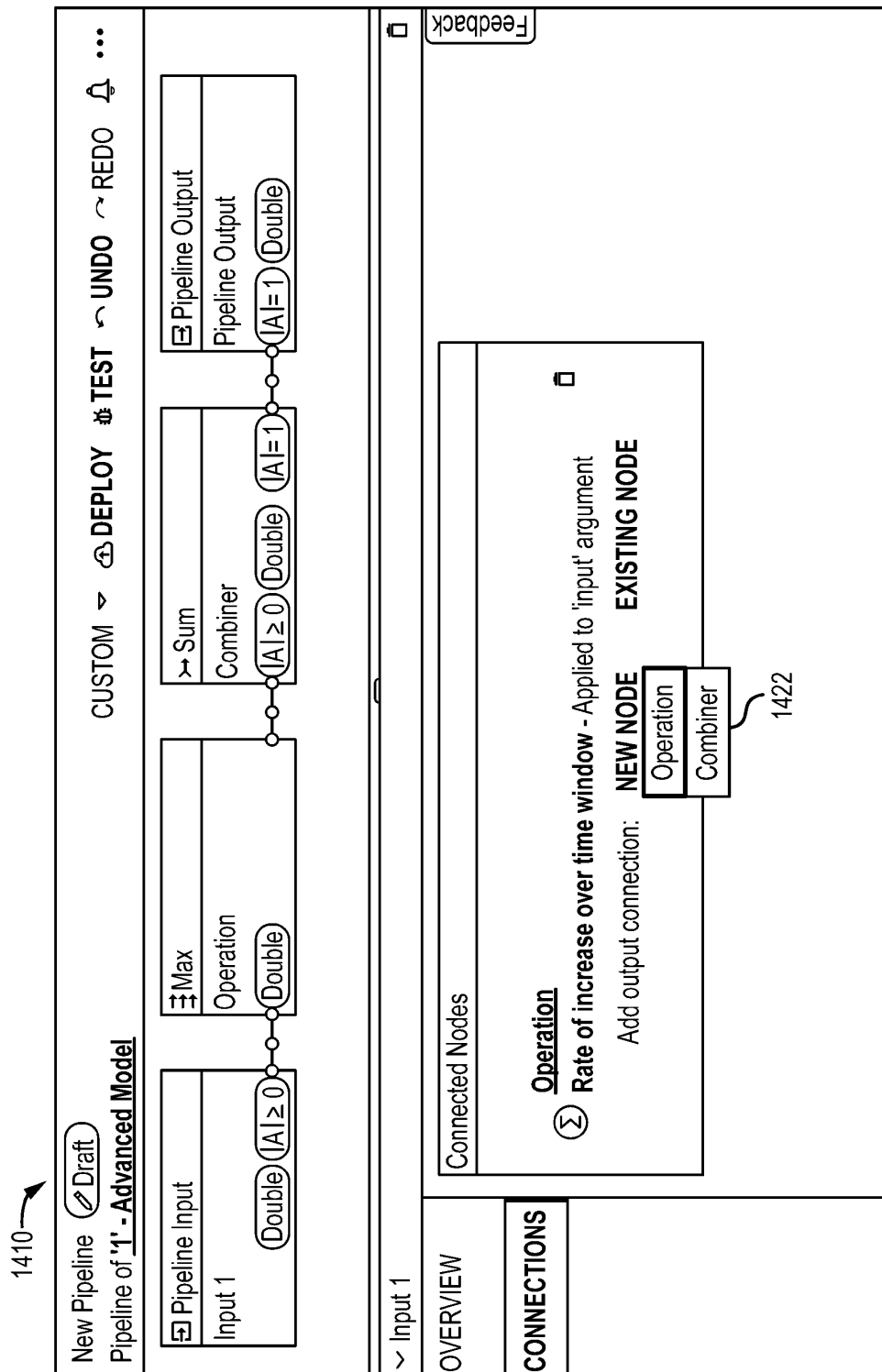


FIG. 14F

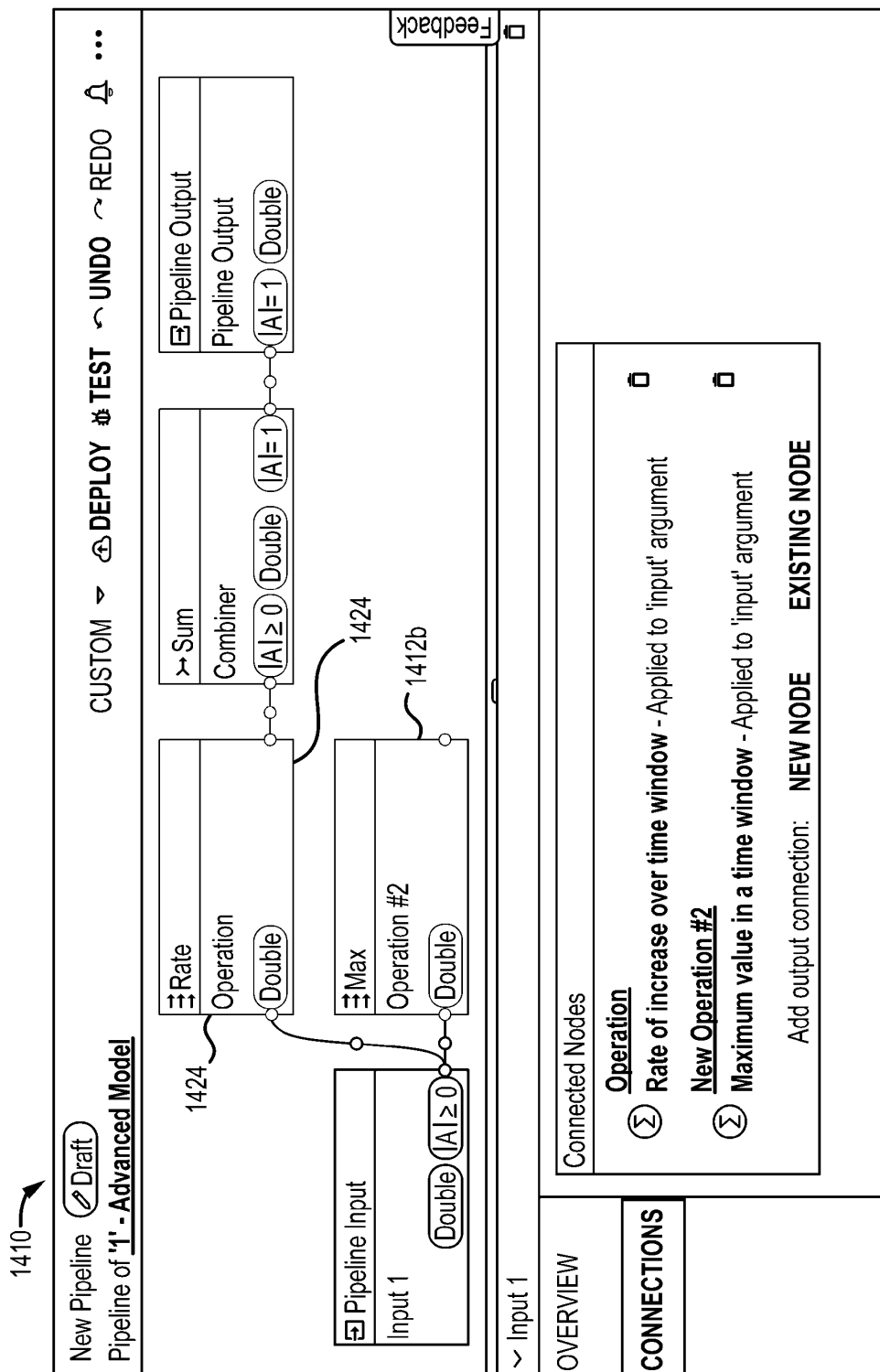


FIG. 14G

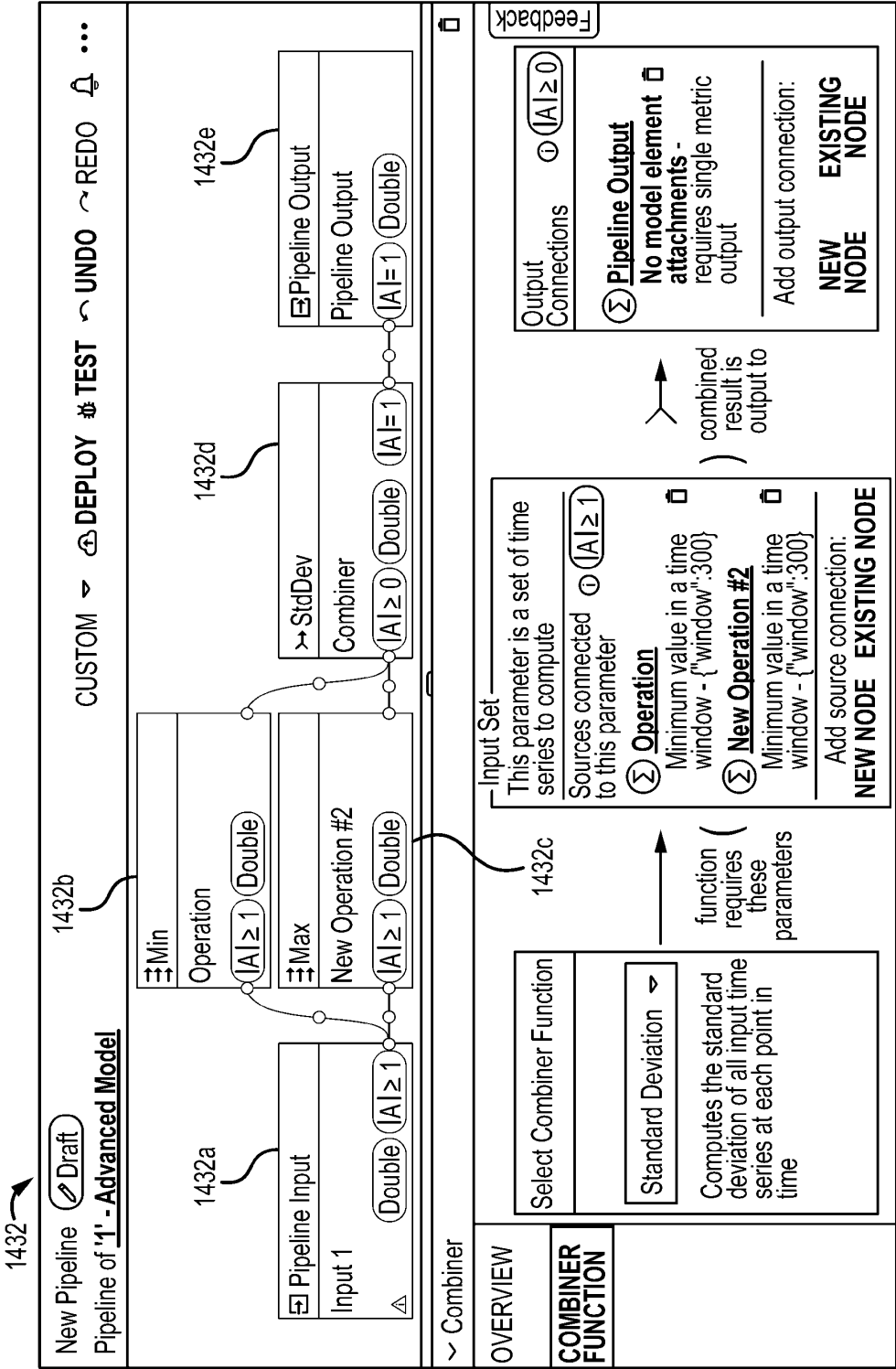
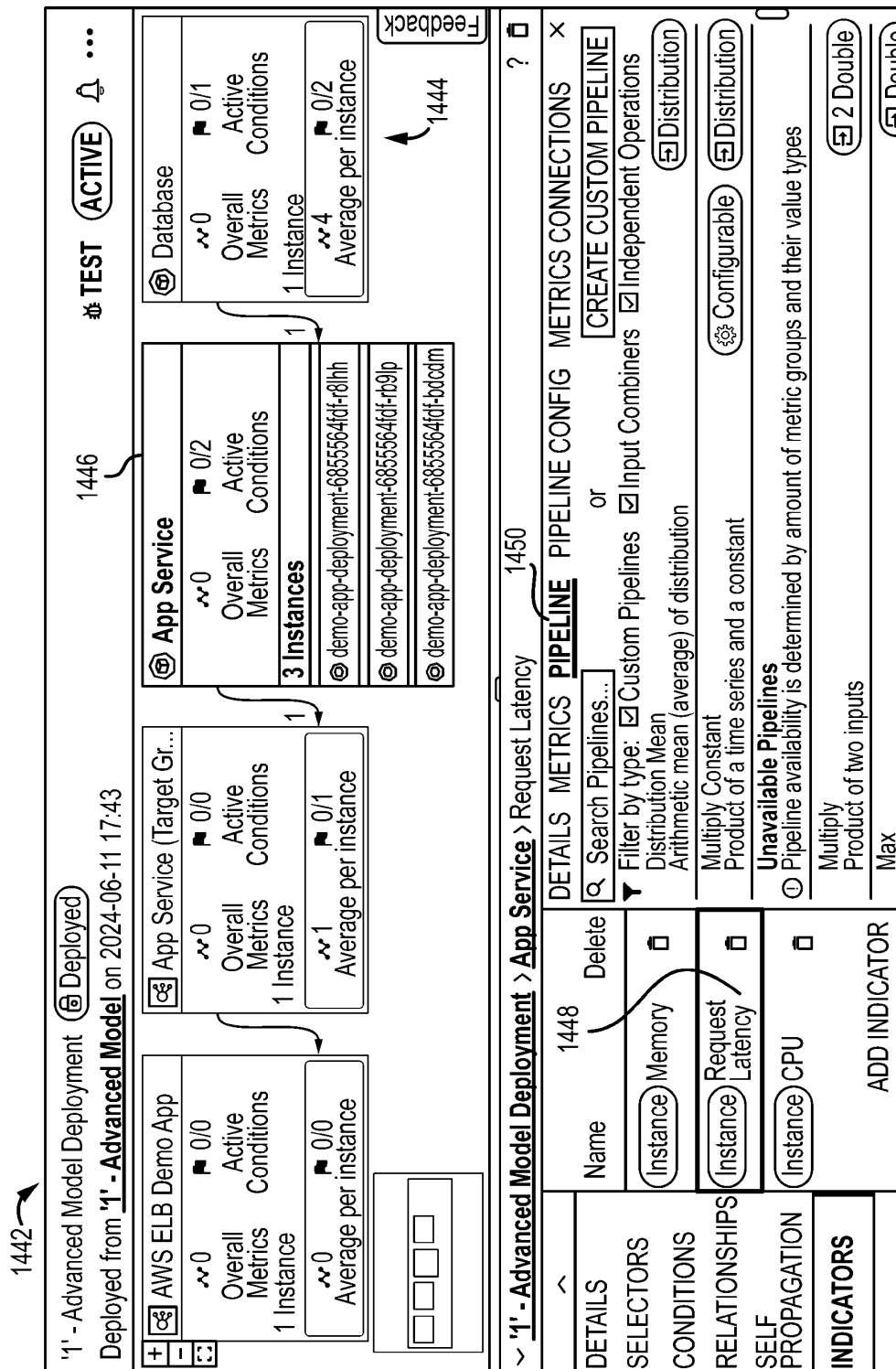
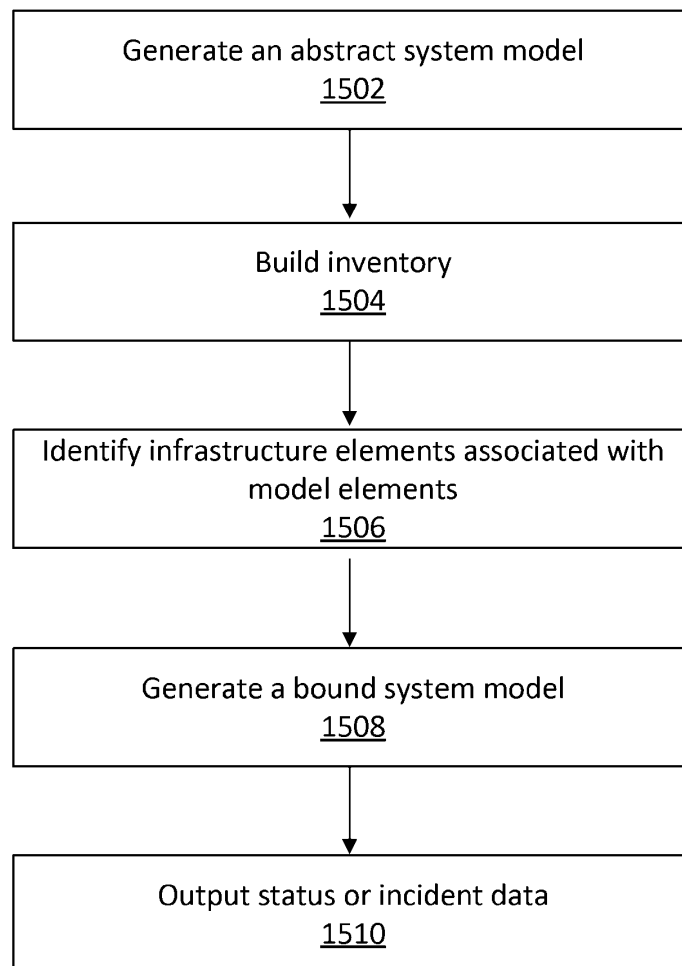


FIG. 14H



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**FIG. 15A**

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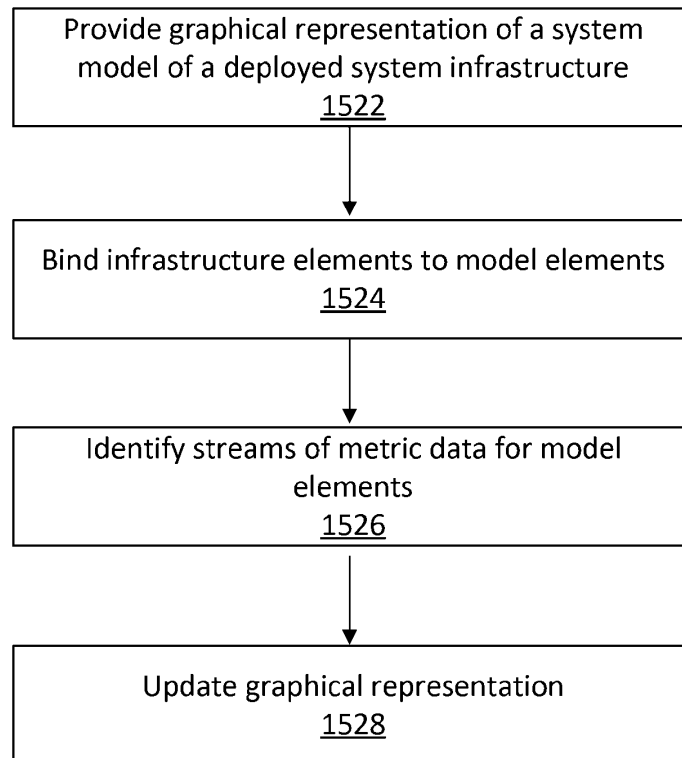
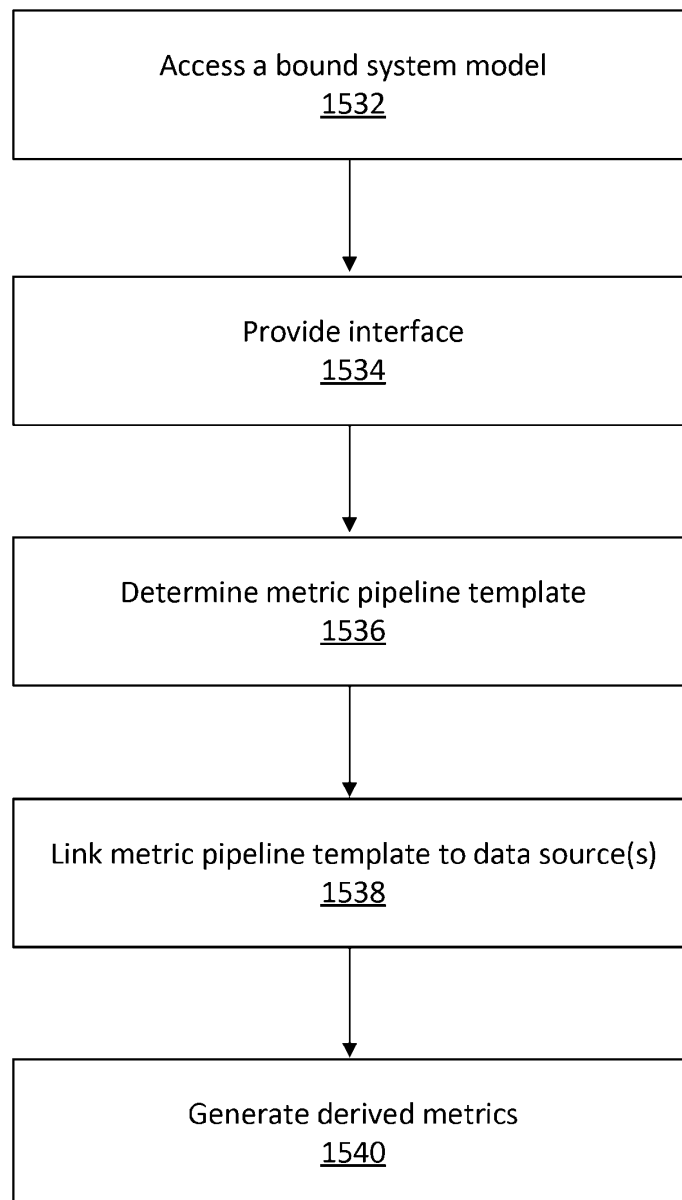


FIG. 15B

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**FIG. 15C**

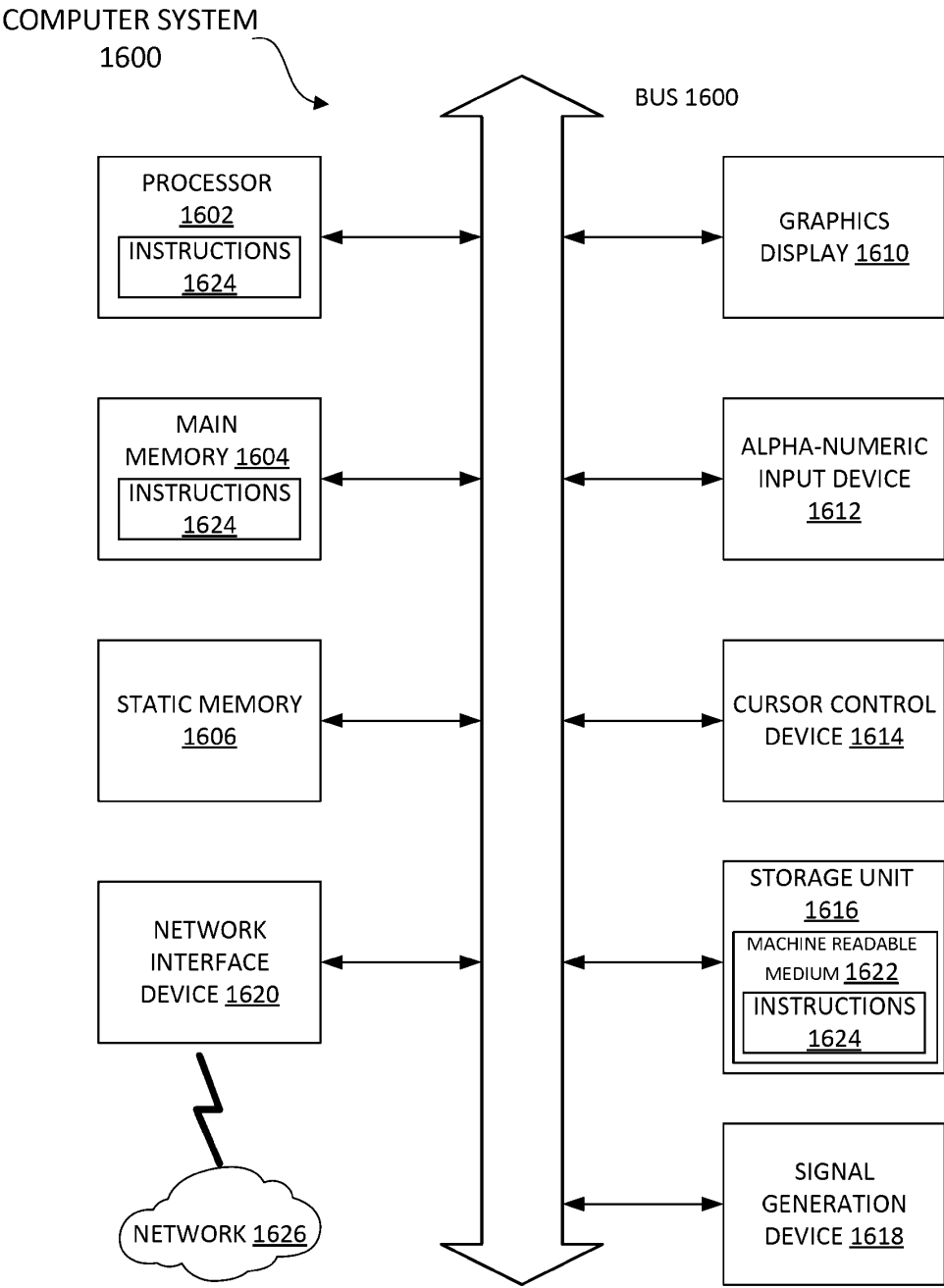


FIG. 16