

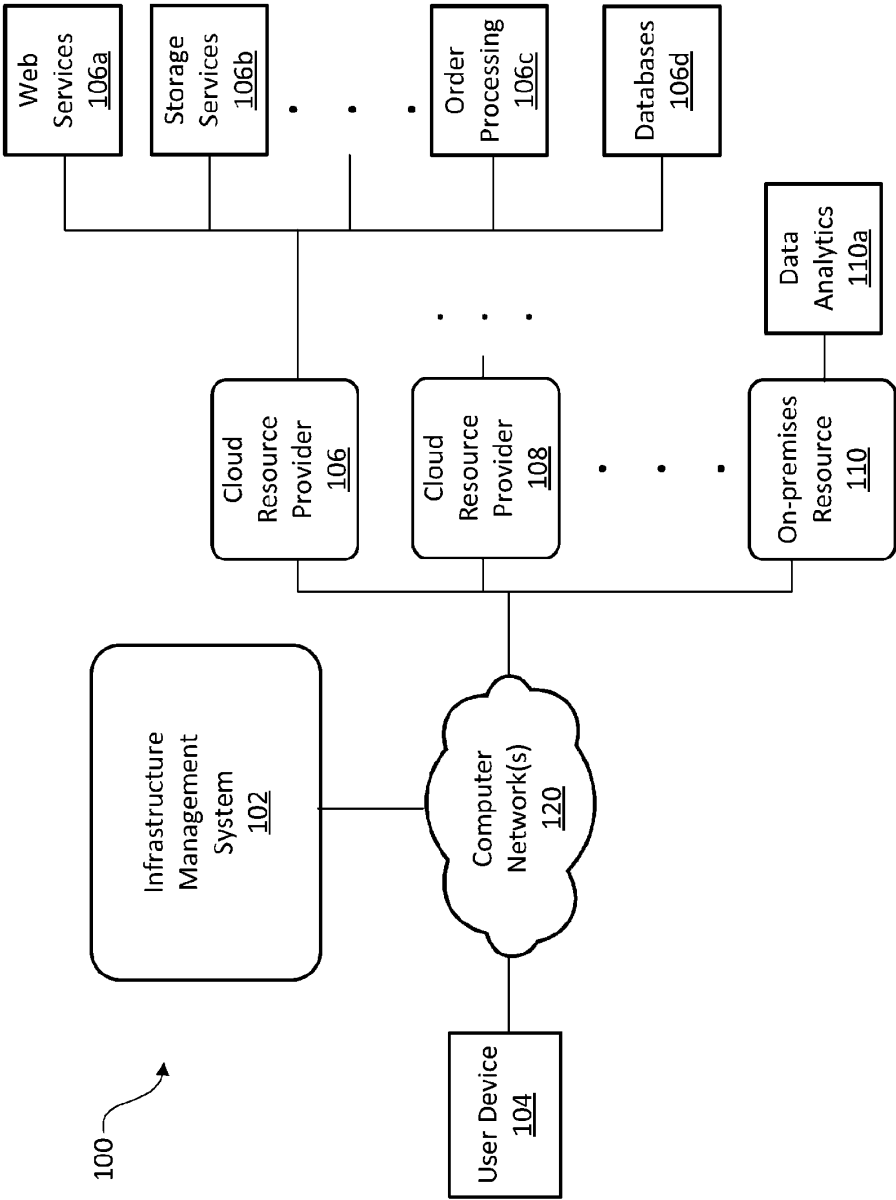


FIG. 1

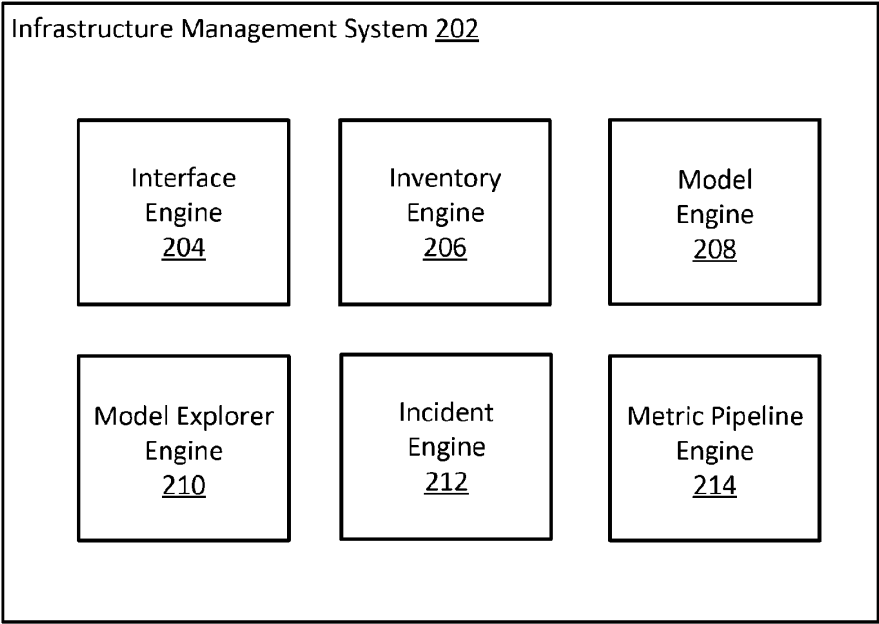


FIG. 2

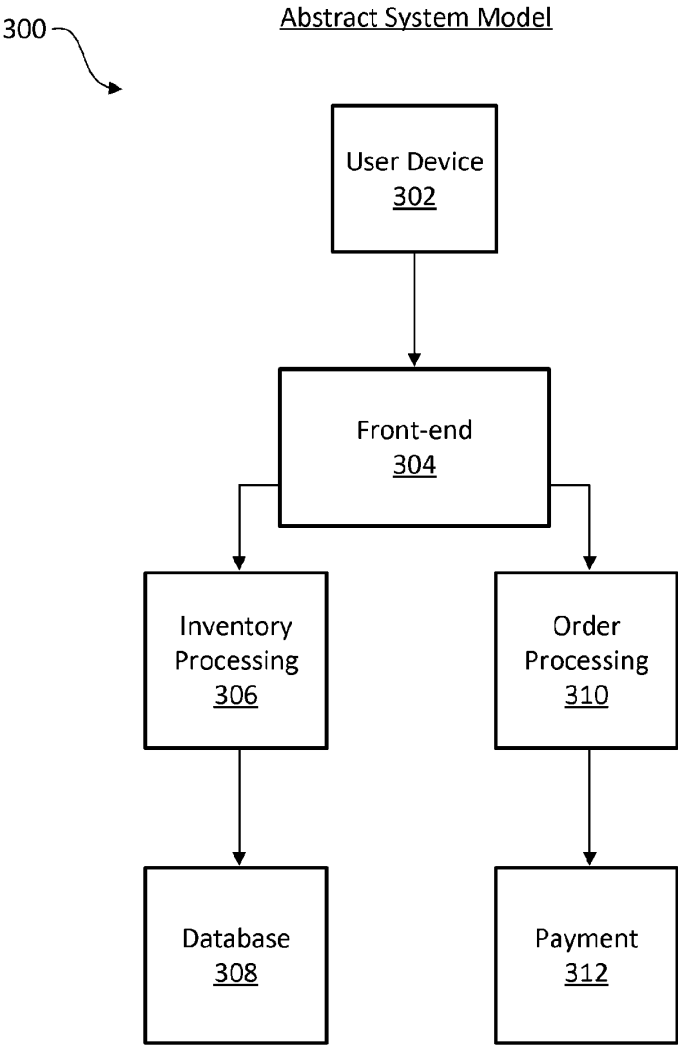


FIG. 3

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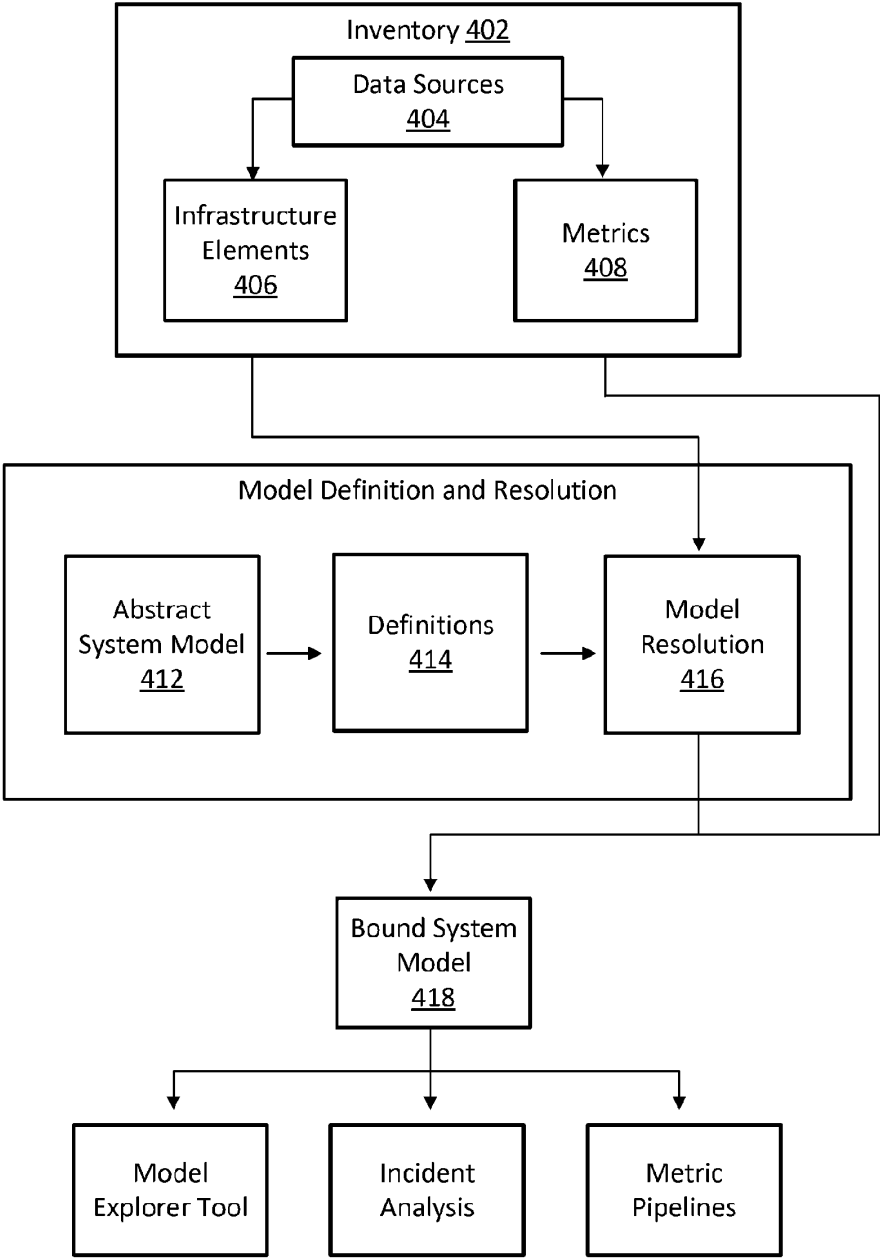


FIG. 4

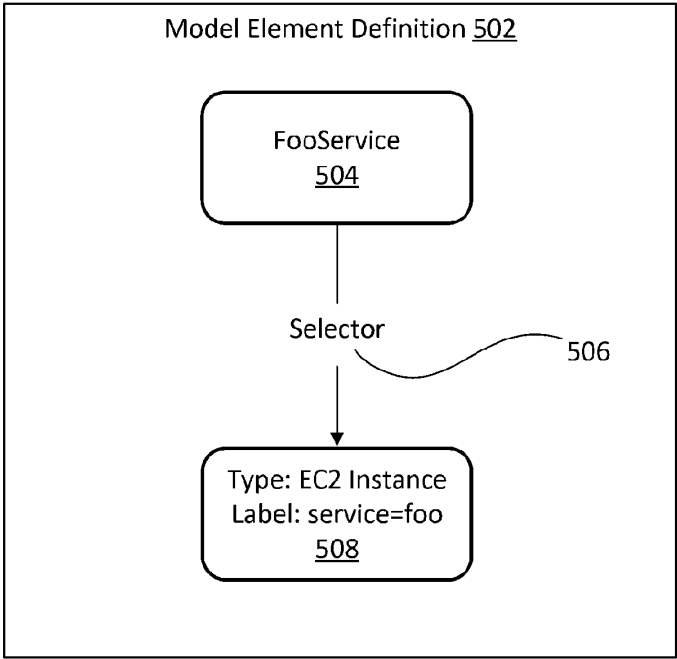


FIG. 5A

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510



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

FIG. 5B

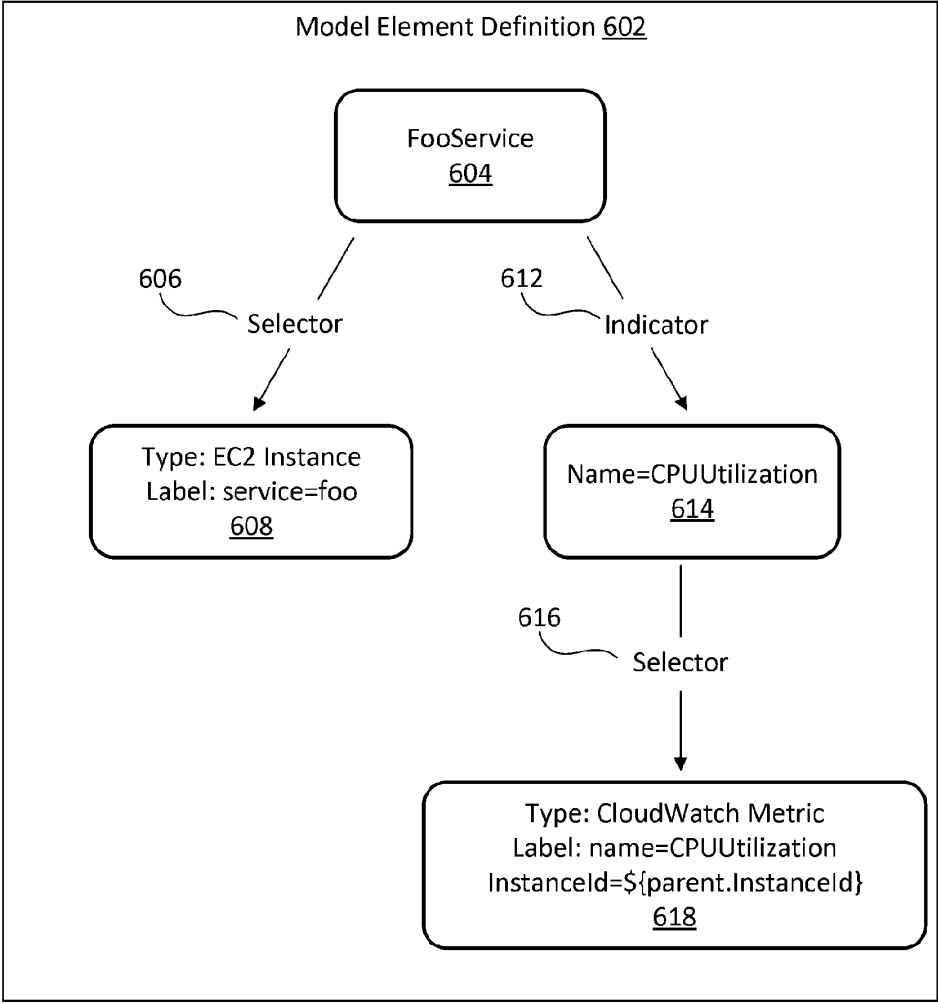


FIG. 6A

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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

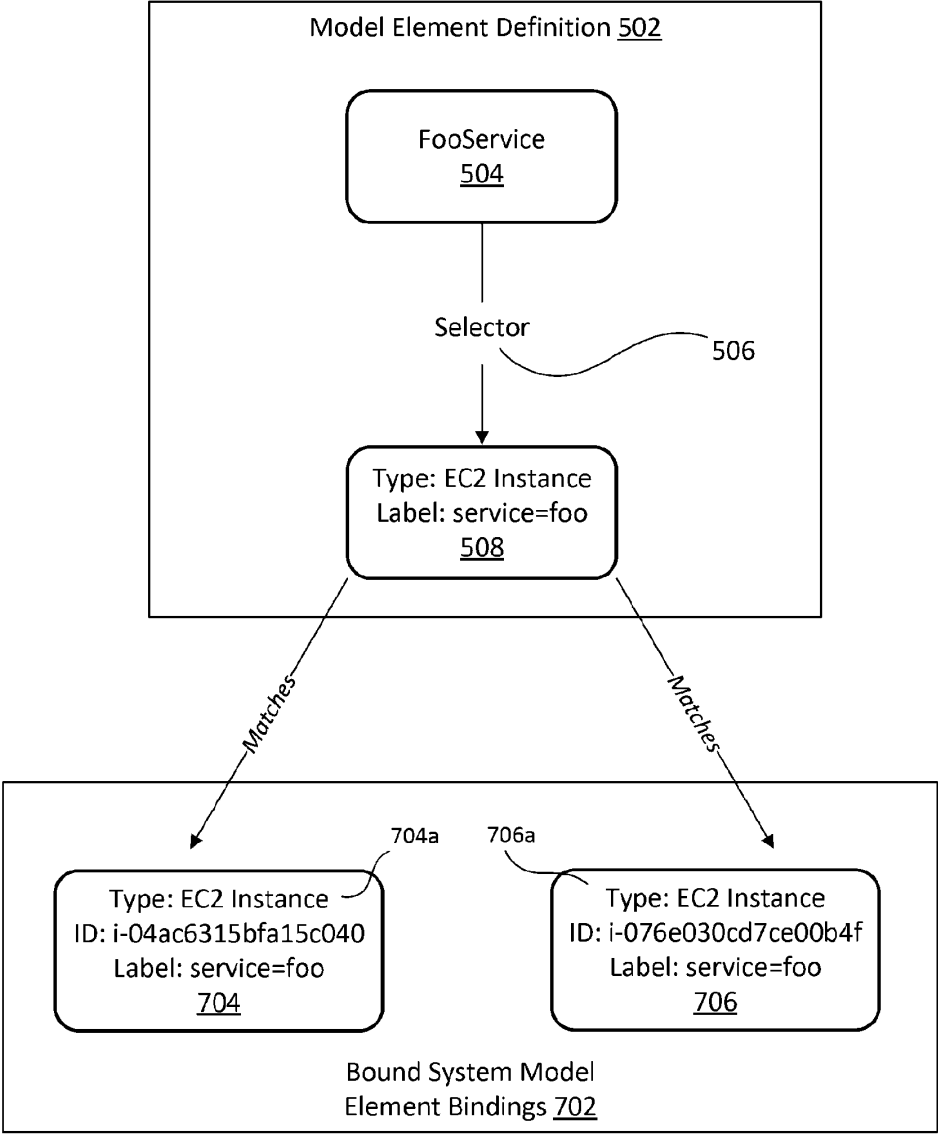


FIG. 7

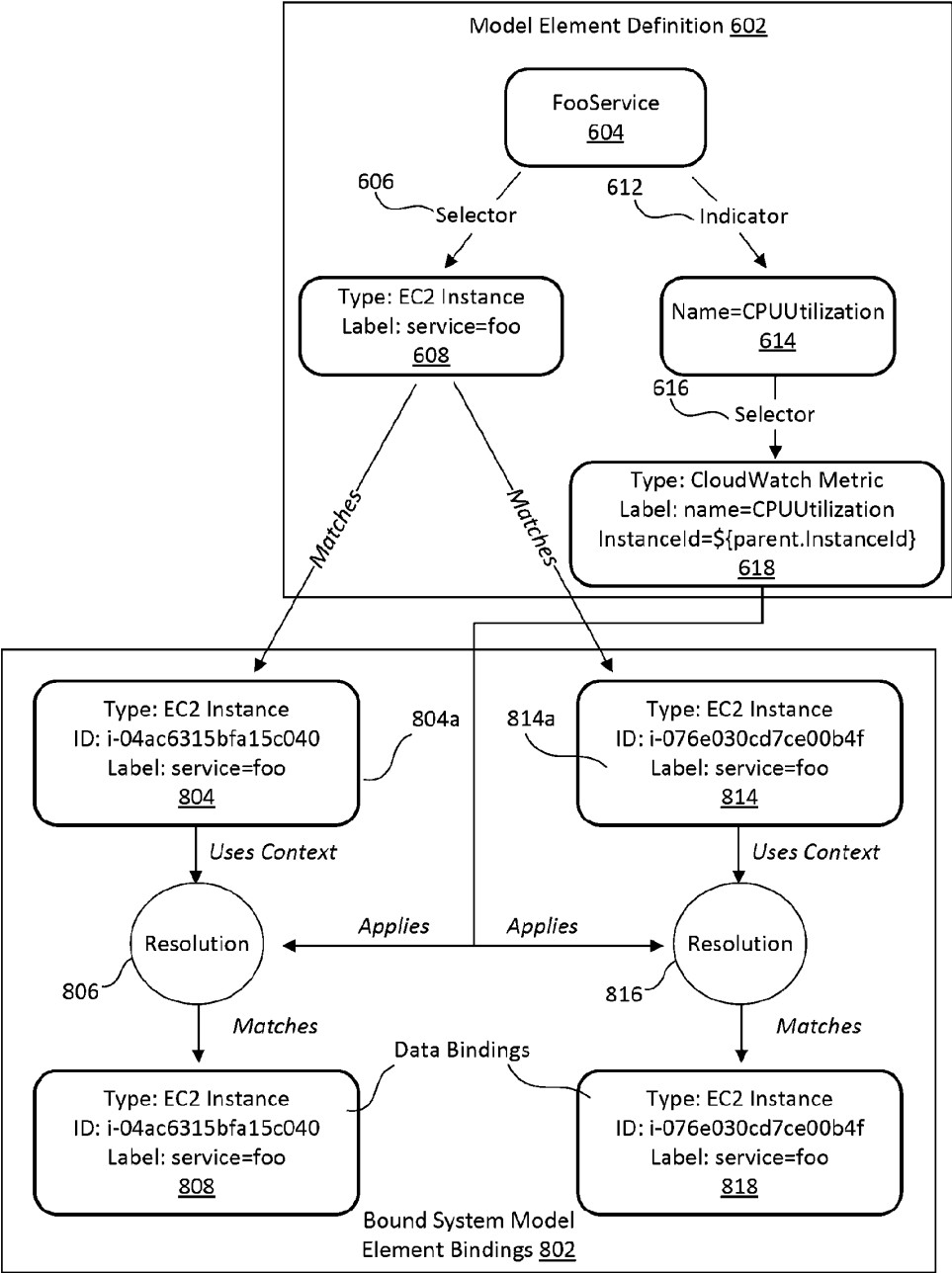


FIG. 8

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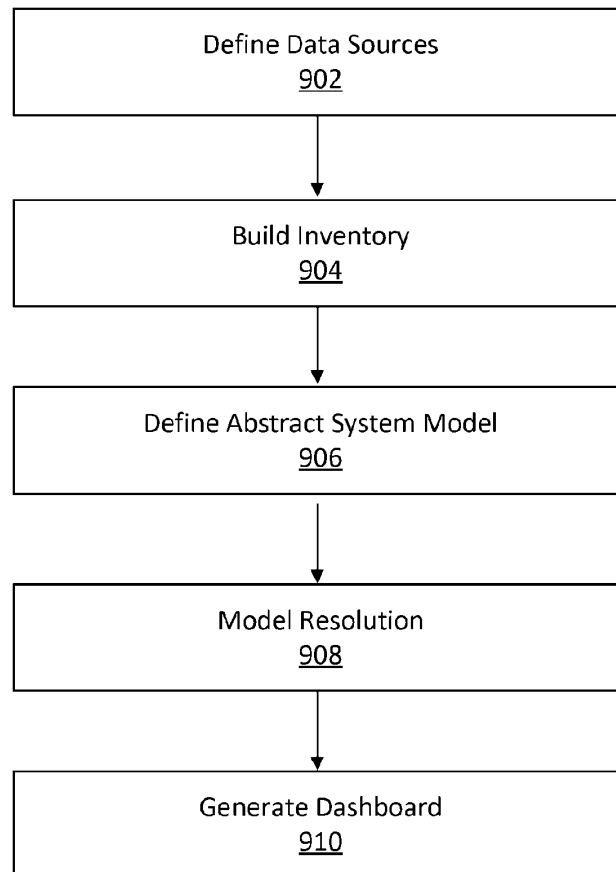


FIG. 9

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

Feedback

Status

AWS CloudWatch Sync ⓘ less than a minute ago Task Successful	AWS Metrics Pull ⓘ 1 minute ago Task Successful	AWS EC2 Sync ⓘ 1 minute ago Task Successful
AWS ELB Sync ⓘ less than a minute ago Task Successful		

FIG. 10B

1006

Neil1' AWS Source
Neil1

SUMMARYTASKSINVENTORY

DATA SUMMARY / 'NEIL1' AWS
Inventory

Search

Name

...

...

...

...

...

...

...

...

...

...

...

...

...

...

Inventory Details

DNSName:...

Ipaddresstype:...

KubernetesName:...

KubernetesNameSpace:...

LoadBalancerArm:...

LoadBalancerMetricLabel:...

LoadBalancerName:...

Scheme:...

Tag:...

Tag:...

Tag:...

Type: ...

FIG. 10C

1008

INFRA			METRICS	
Search				
Name			Type	Time
	AWS/ApplicationELB/HealthyHostCount		AWS Cloudwatch Metric	16 minutes ago
	AWS/ApplicationELB/RequestCountPerTarget		AWS Cloudwatch Metric	16 minutes ago
	AWS/ApplicationELB/RequestCountPerTarget		AWS Cloudwatch Metric	16 minutes ago
	AWS/ApplicationELB/AnomalousHostCount		AWS Cloudwatch Metric	16 minutes ago
	AWS/ApplicationELB/HealthyStateRouting		AWS Cloudwatch Metric	16 minutes ago
	AWS/ApplicationELB/RequestCountPerTarget		AWS Cloudwatch Metric	16 minutes ago
	AWS/ApplicationELB/HTTPCode_Target_2XX_Count		AWS Cloudwatch Metric	16 minutes ago
	AWS/ApplicationELB/HealthyStateDNS		AWS Cloudwatch Metric	16 minutes ago
	AWS/ApplicationELB/TargetResponseTime		AWS Cloudwatch Metric	16 minutes ago
	AWS/ApplicationELB/UnhealthyStateDNS		AWS Cloudwatch Metric	16 minutes ago
	AWS/ApplicationELB/RequestCount		AWS Cloudwatch Metric	16 minutes ago
Rows per page: 100 1-100 of 3033				

FIG. 10D

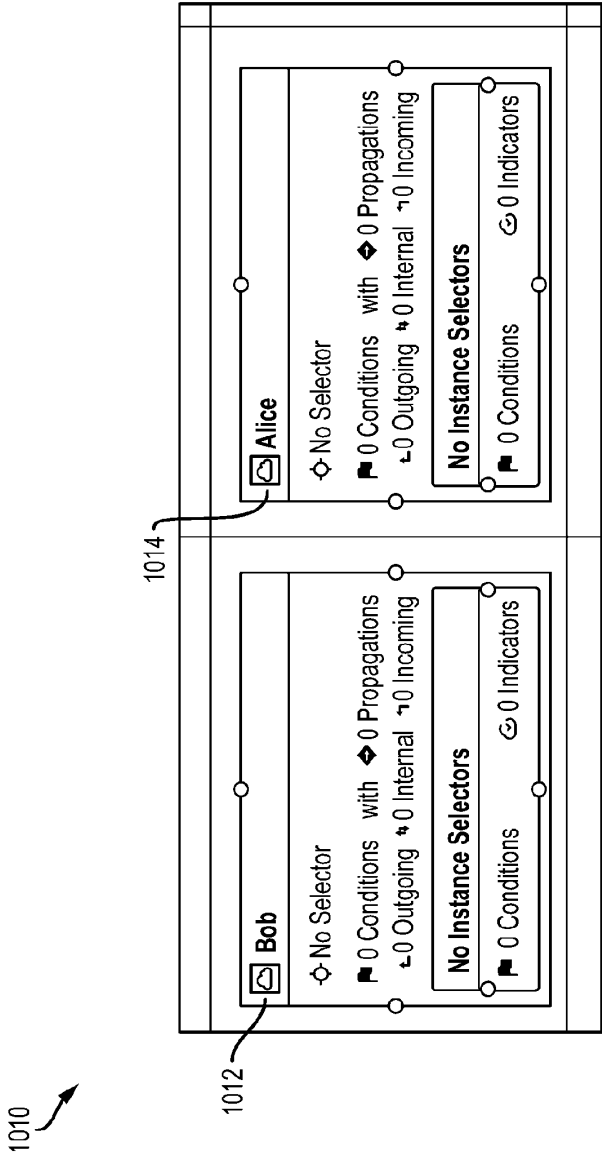


FIG. 10E

1020

1022

^

SELECTORS

SELECTED INSTANCES

CONDITIONS

RELATIONSHIPS

SELF PROPAGATION

INDICATORS

INDICATOR METRICS

✓ Stuff > Bob

Name*
Bob

Description

FIG. 10F

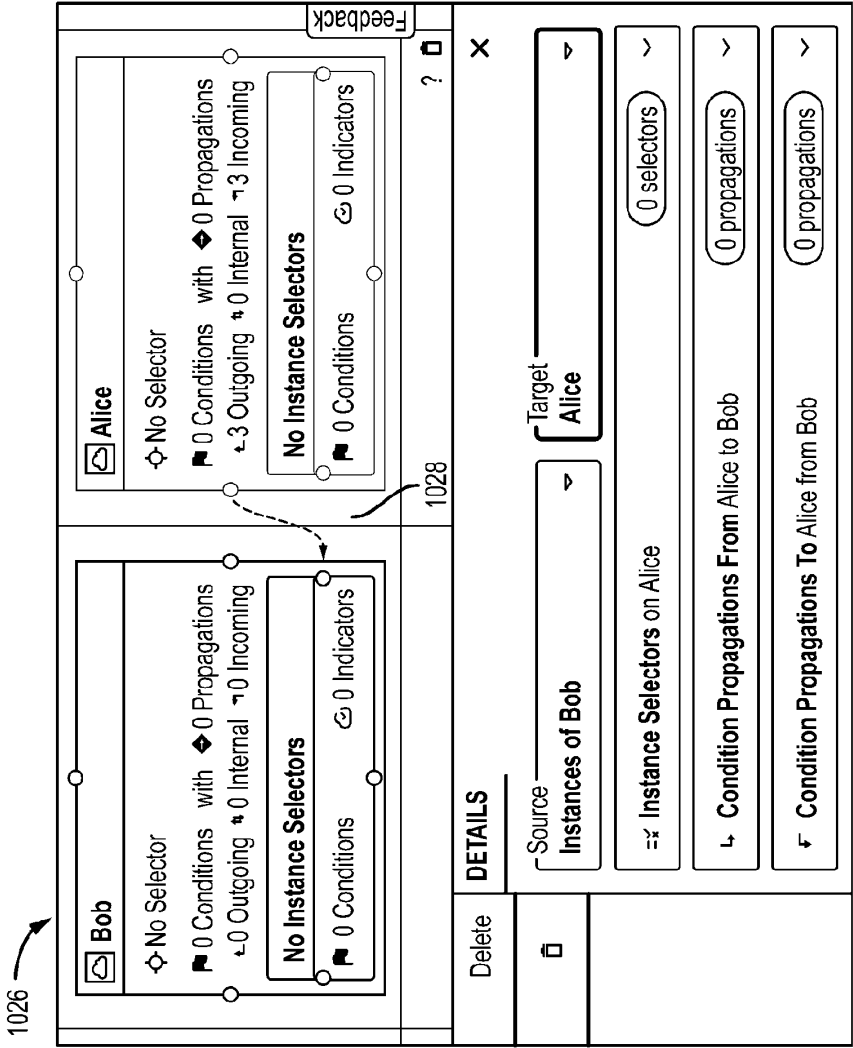


FIG. 10G

1030

Neil - Advanced Model Deployment > Database ?						
	Name	Active	Incoming	Outgoing	Importance	Edit Delete
OVERALL METRICS INSTANCES DETAILS SELECTORS CONDITIONS	(Instance) Database Instance Degraded	⬅	⌚1	⌚1	(Normal)	✎
	(Instance) Databased Instance Quota Exceeded	⬅	⌚1	⌚1	(Significant)	✎
	(Overall) Database Service Degraded	⬅	⌚1	⬅1	(Normal)	✎

FIG. 10H

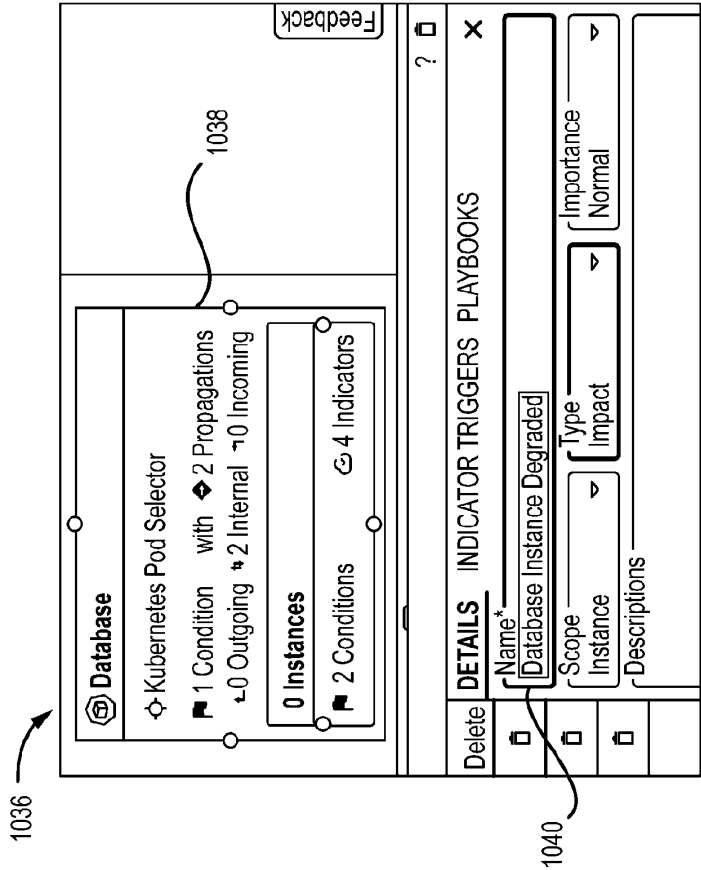


FIG. 10I

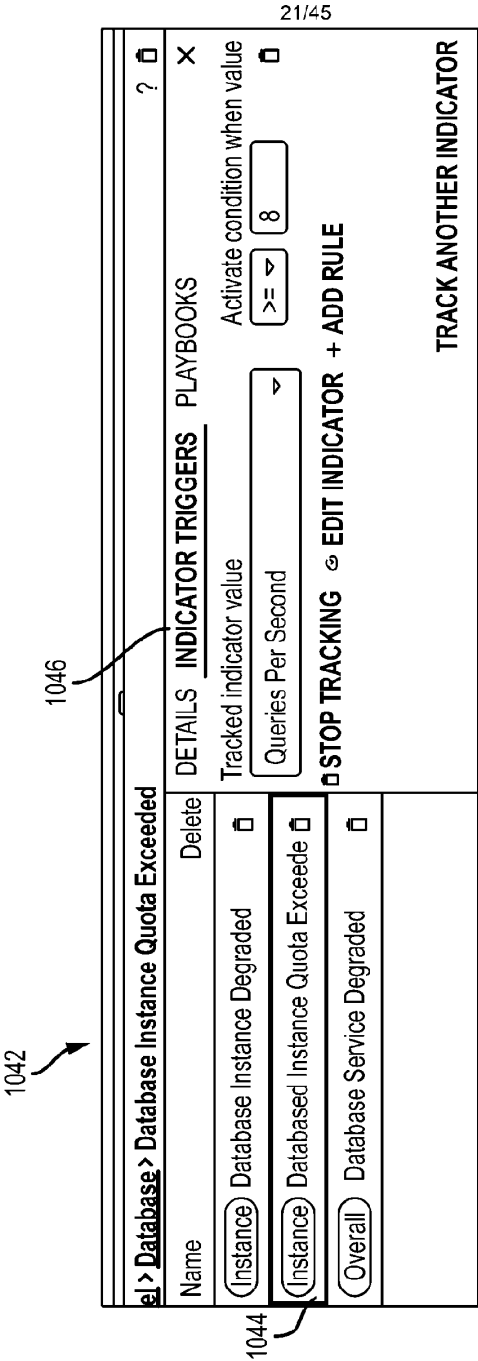


FIG. 10J

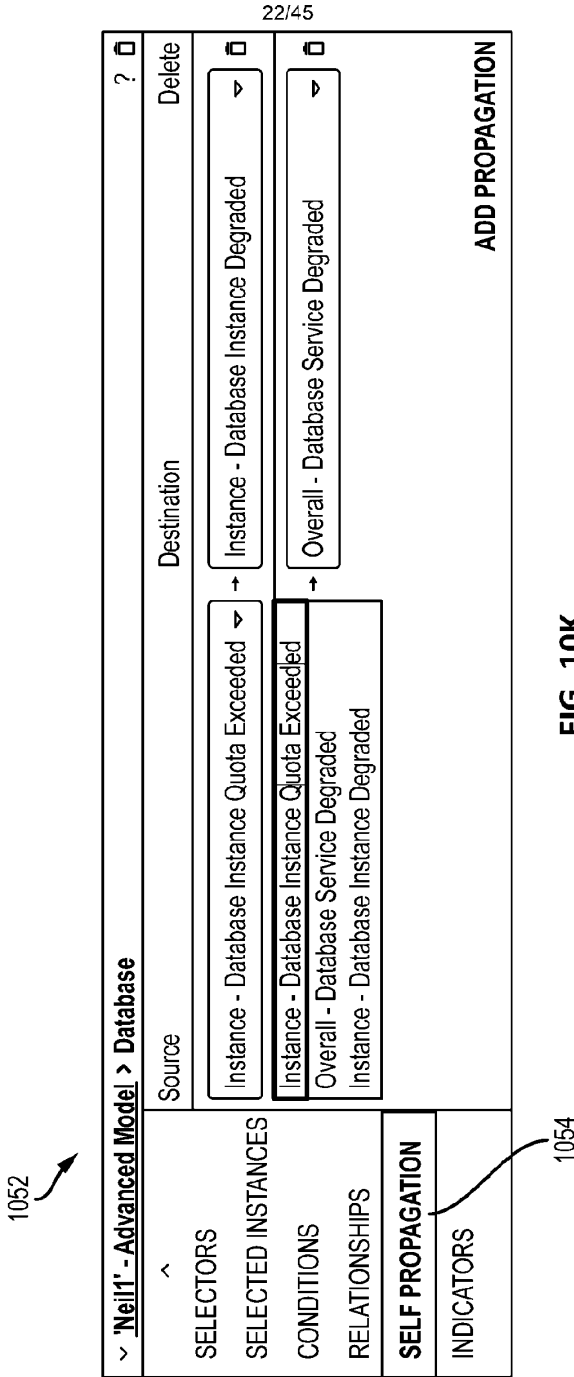


FIG. 10K

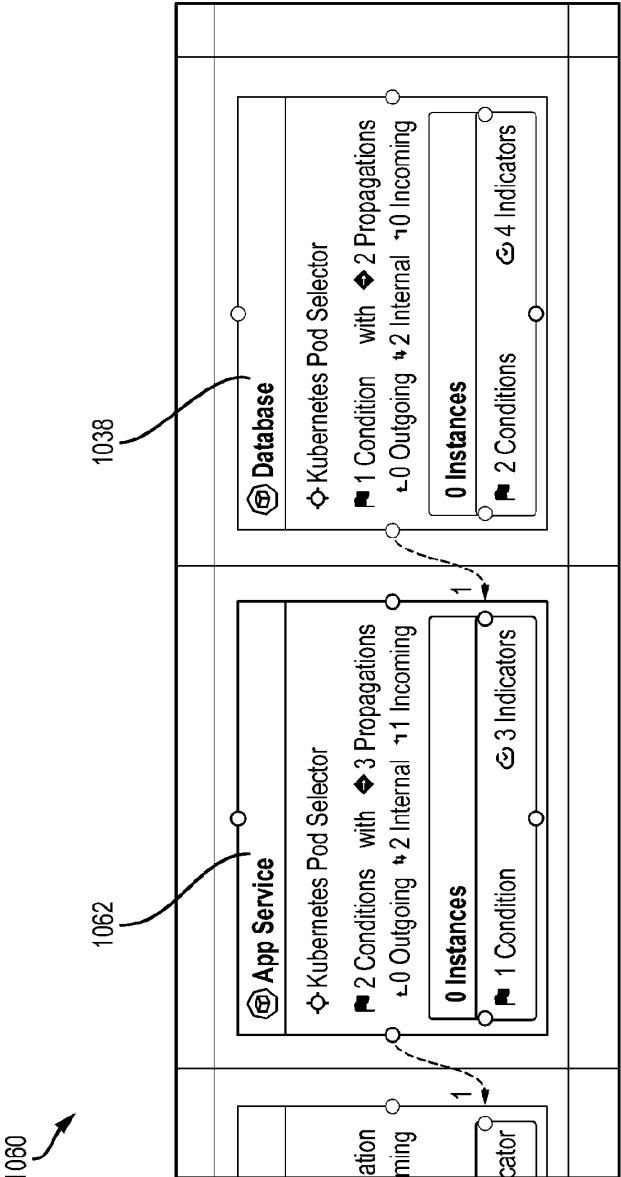


FIG. 10L

1068 ↗

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~ 'Neil1' - Advanced Model > App Service > Relationship		?	🗑	
SELECTORS SELECTED INSTANCES CONDITIONS RELATIONSHIPS SELF PROPAGATION INDICATORS	Element	Delete	X	
	📁 Database	🗑		
	↳ Condition Propagations From Database to App Service			1 propagation ^
	Source	Destination	Delete	
Overall - Database Service De... ▾		→	Instance - Latency High ▾	
ADD PROPAGATION				

FIG. 10M

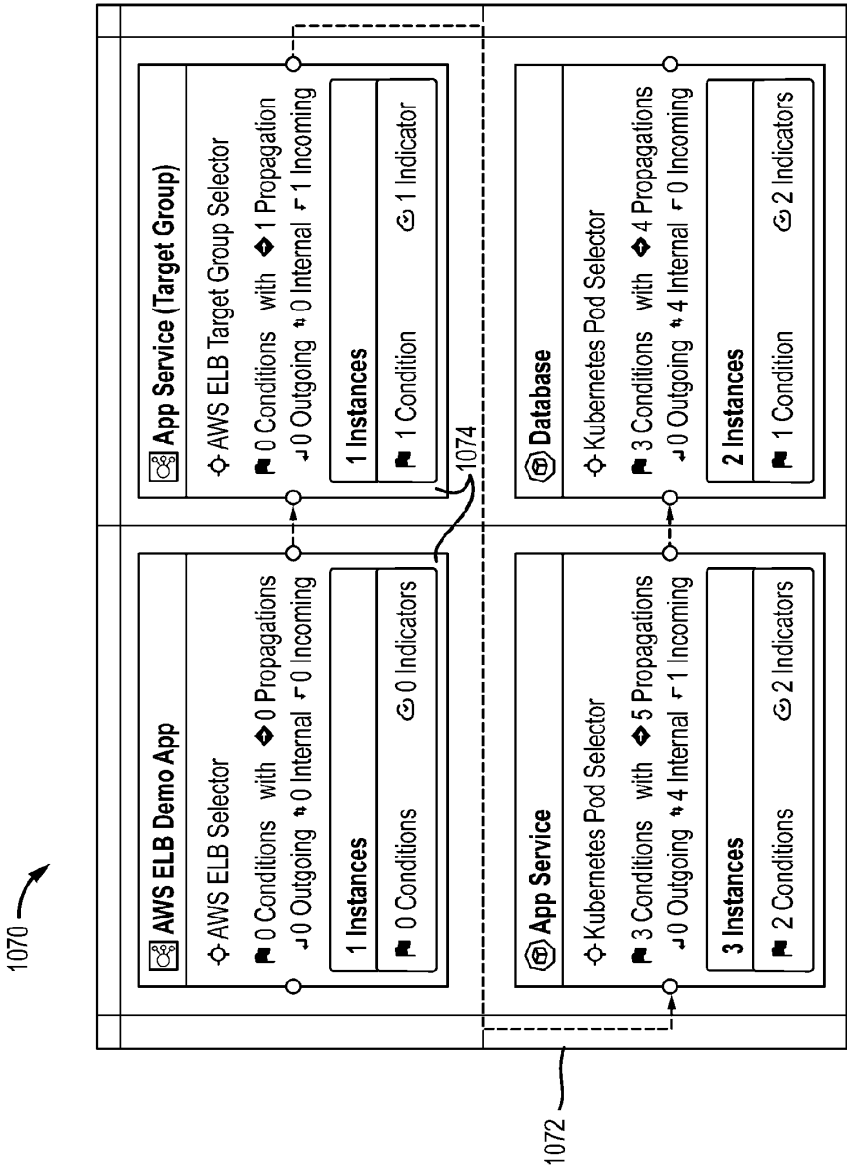


FIG. 10N

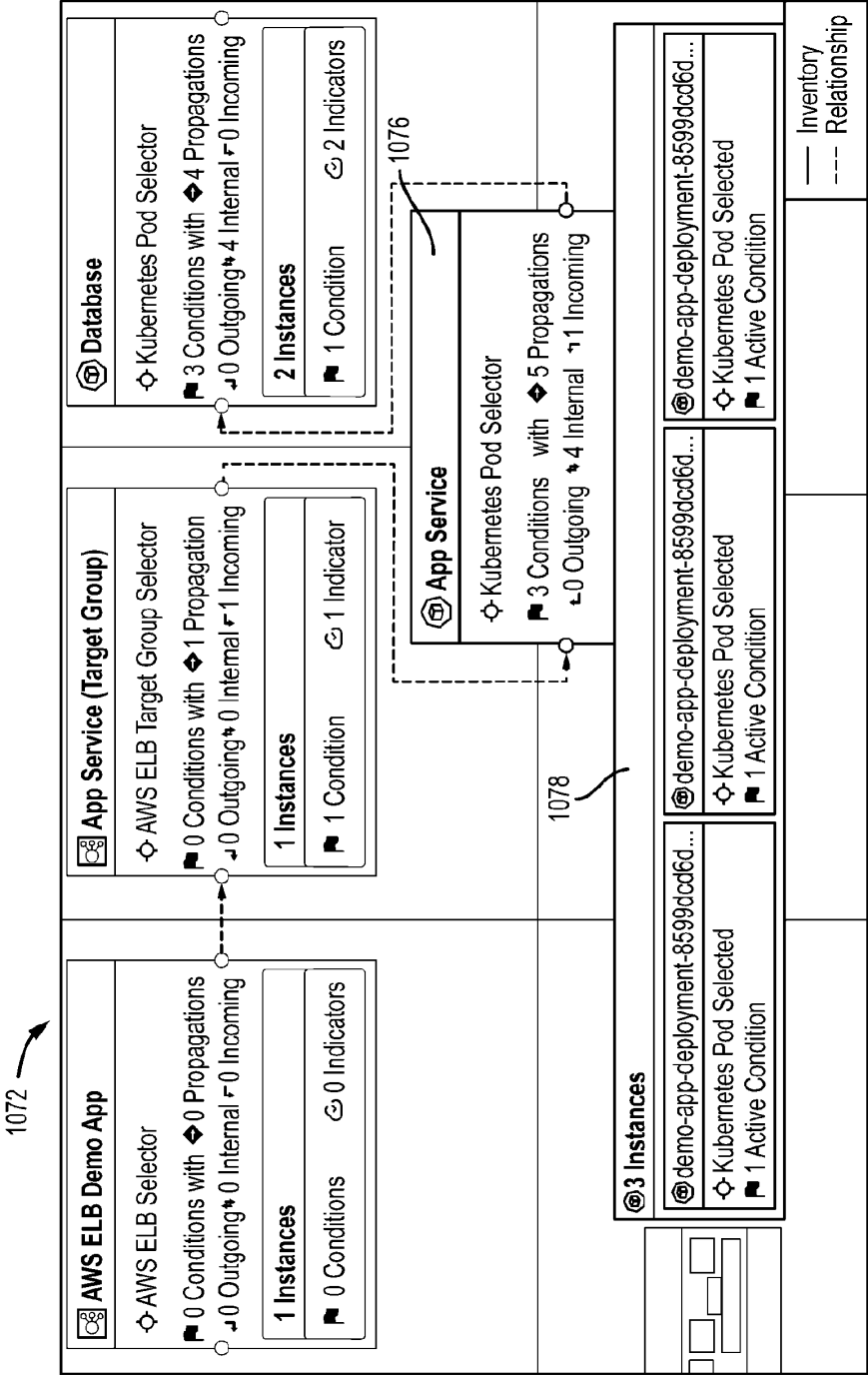


FIG. 100

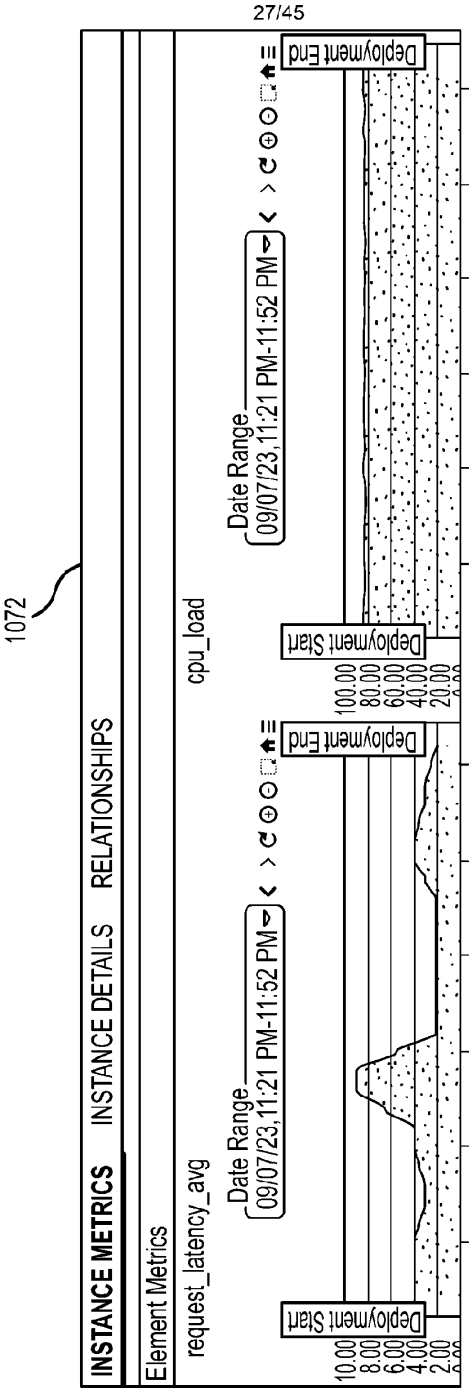


FIG. 10P

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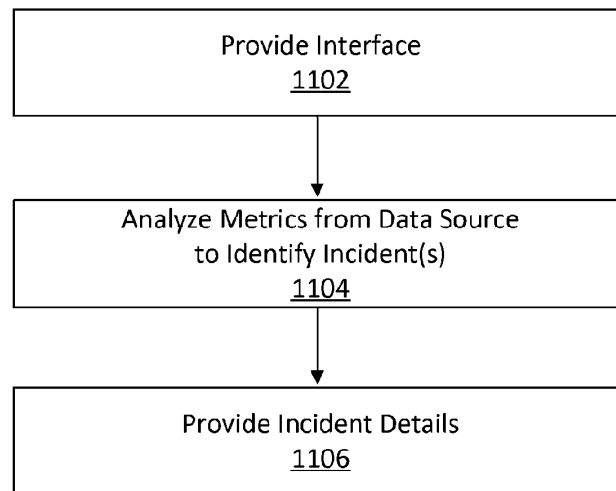


FIG. 11

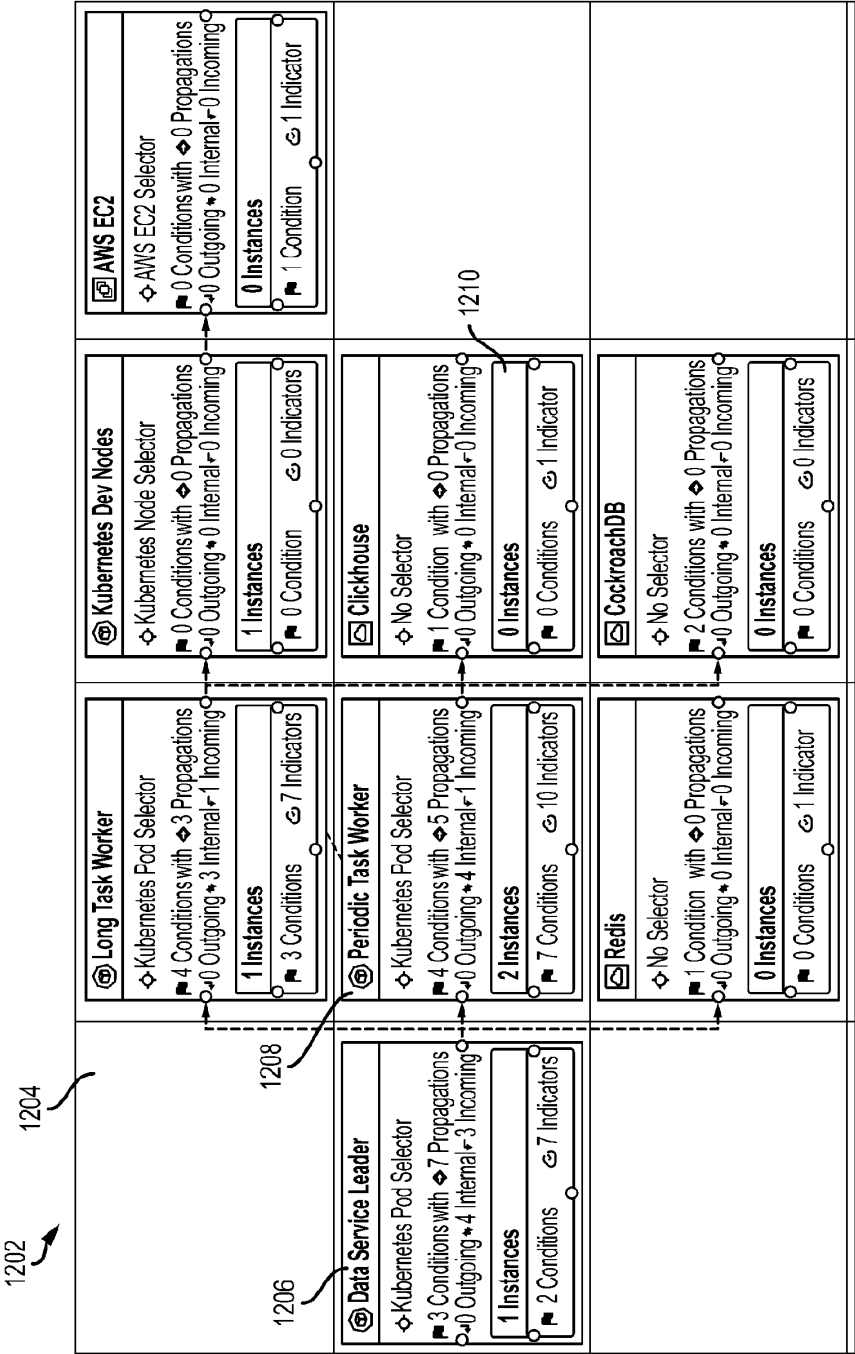


FIG. 12A

1222

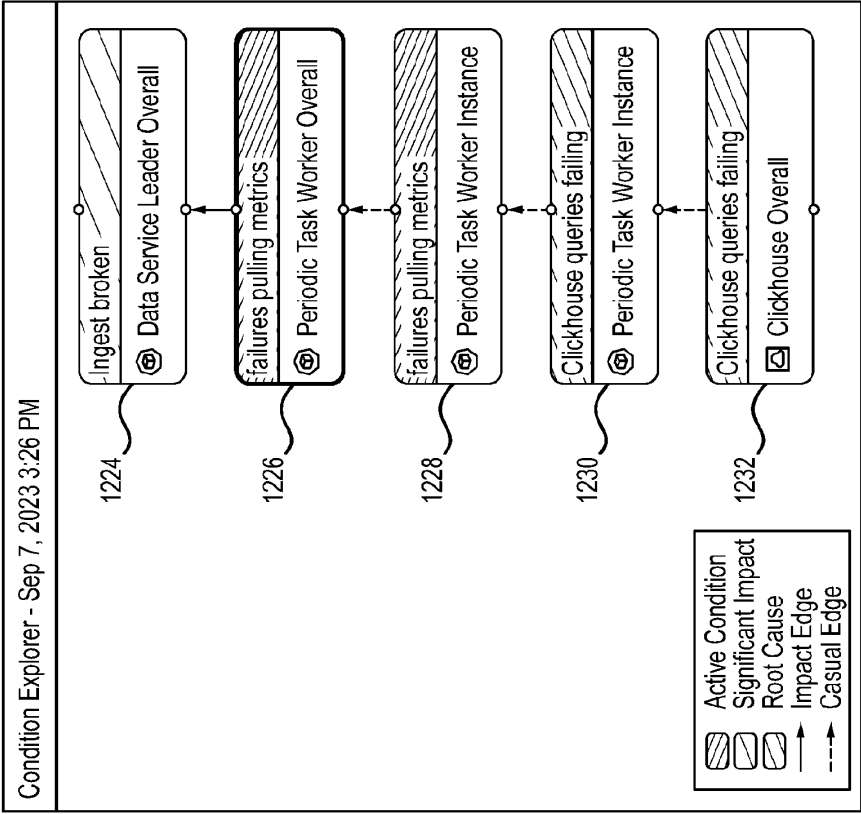


FIG. 12B

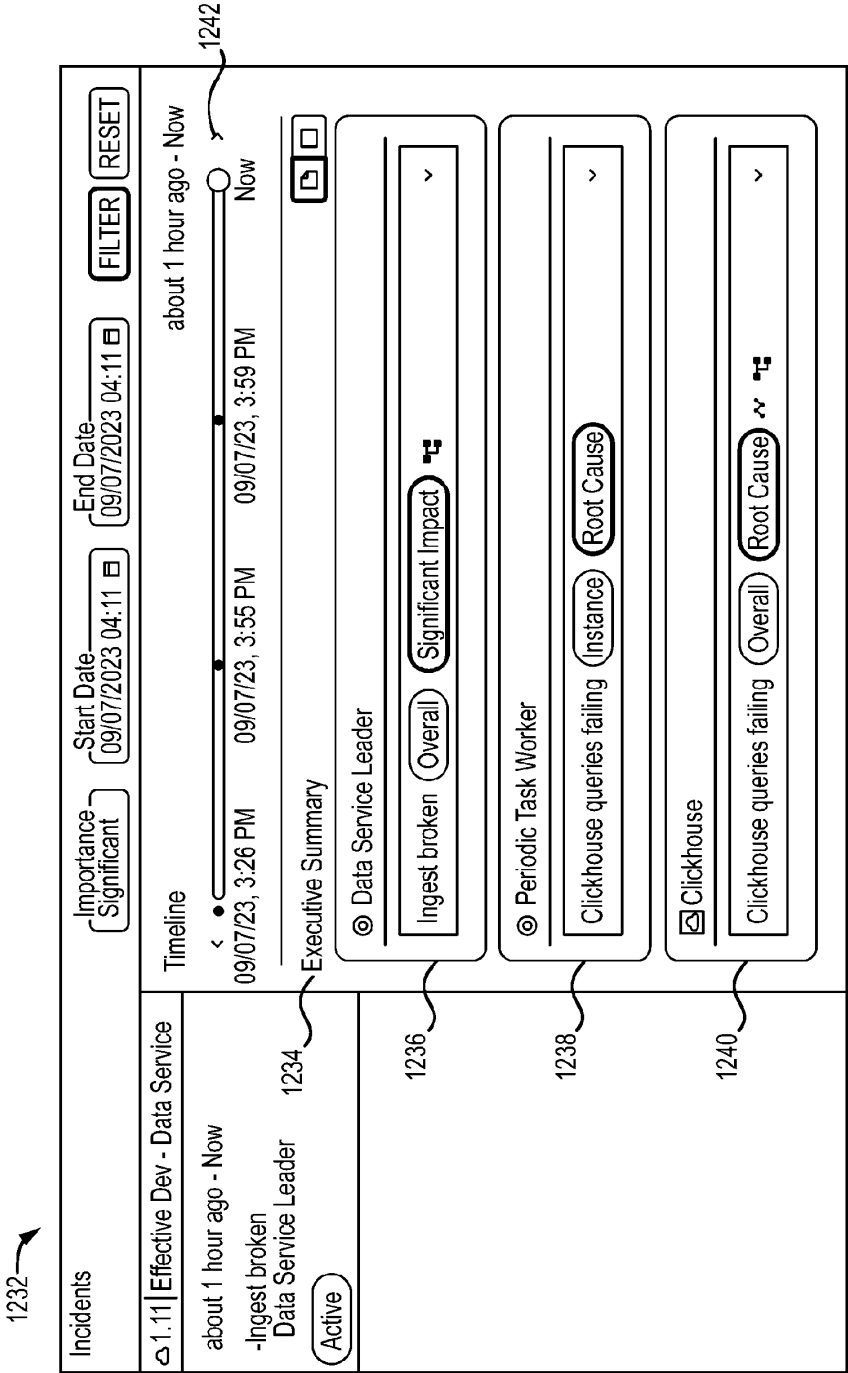
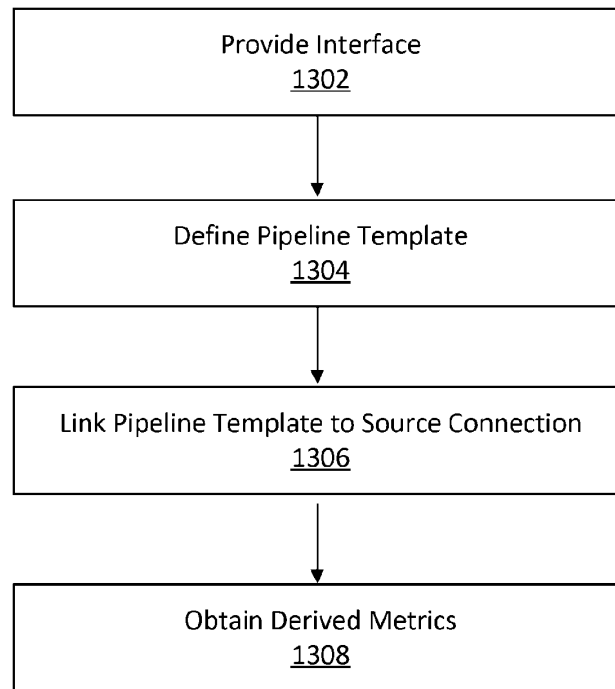


FIG. 12C

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**FIG. 13**

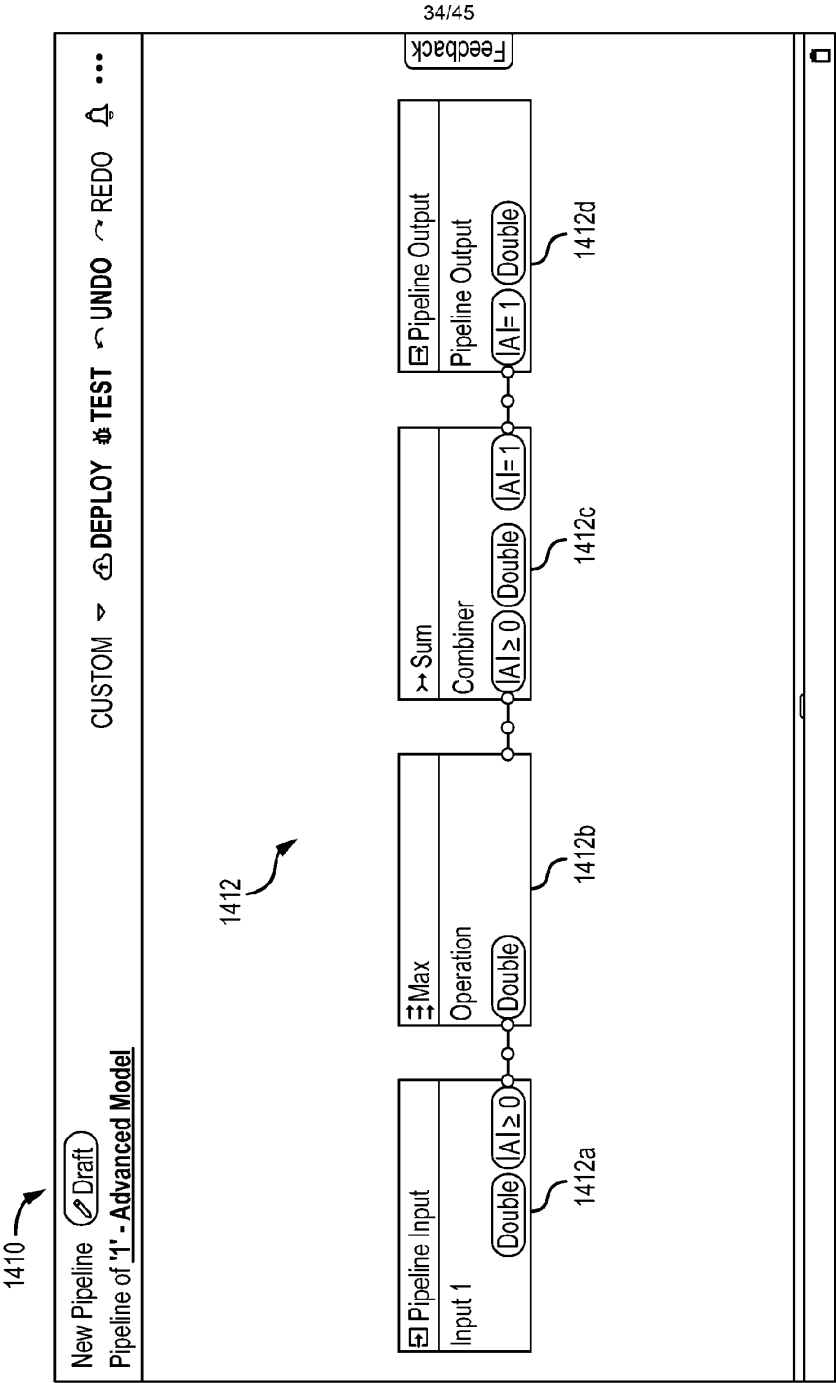


FIG. 14B

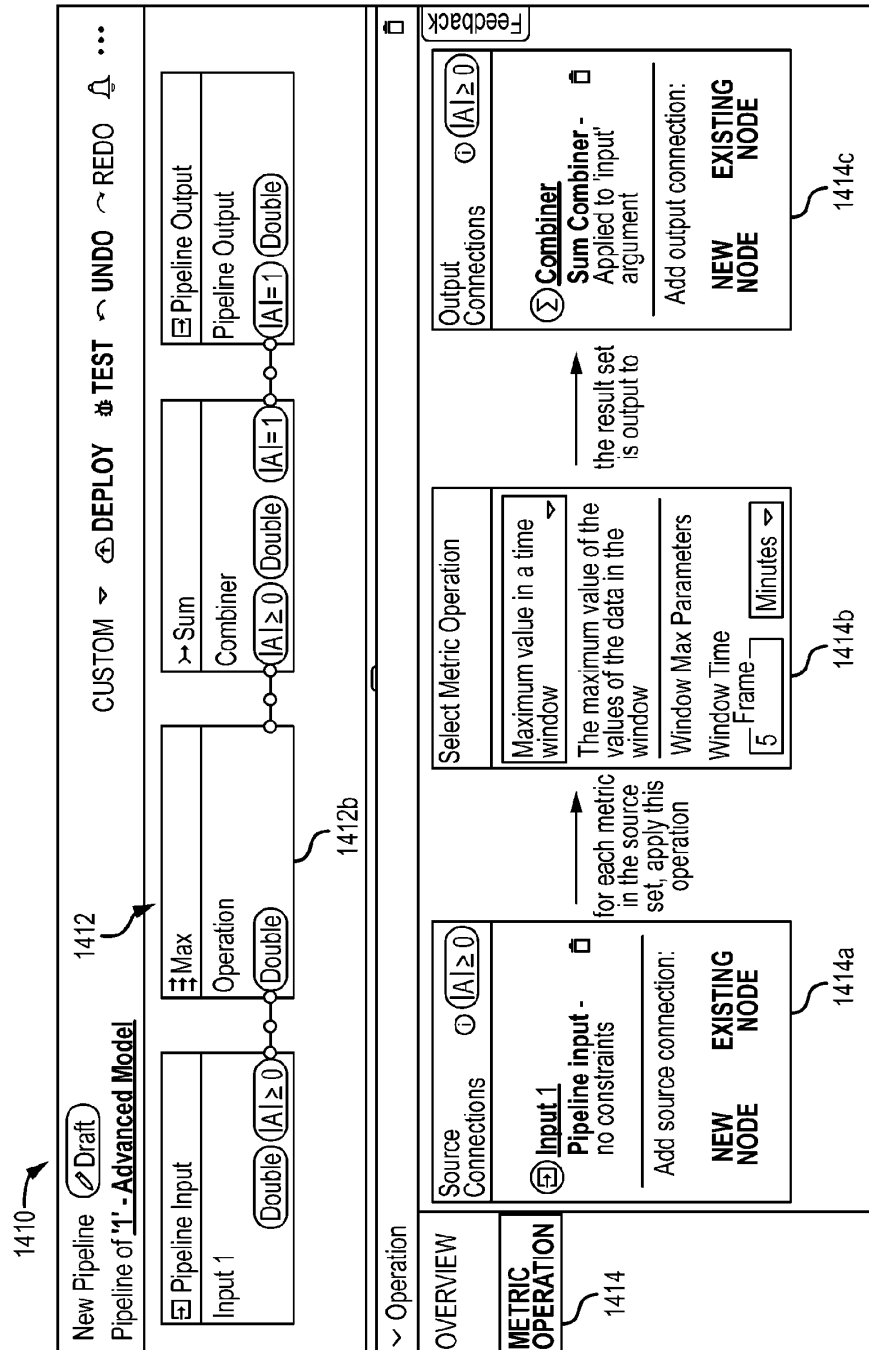


FIG. 14C

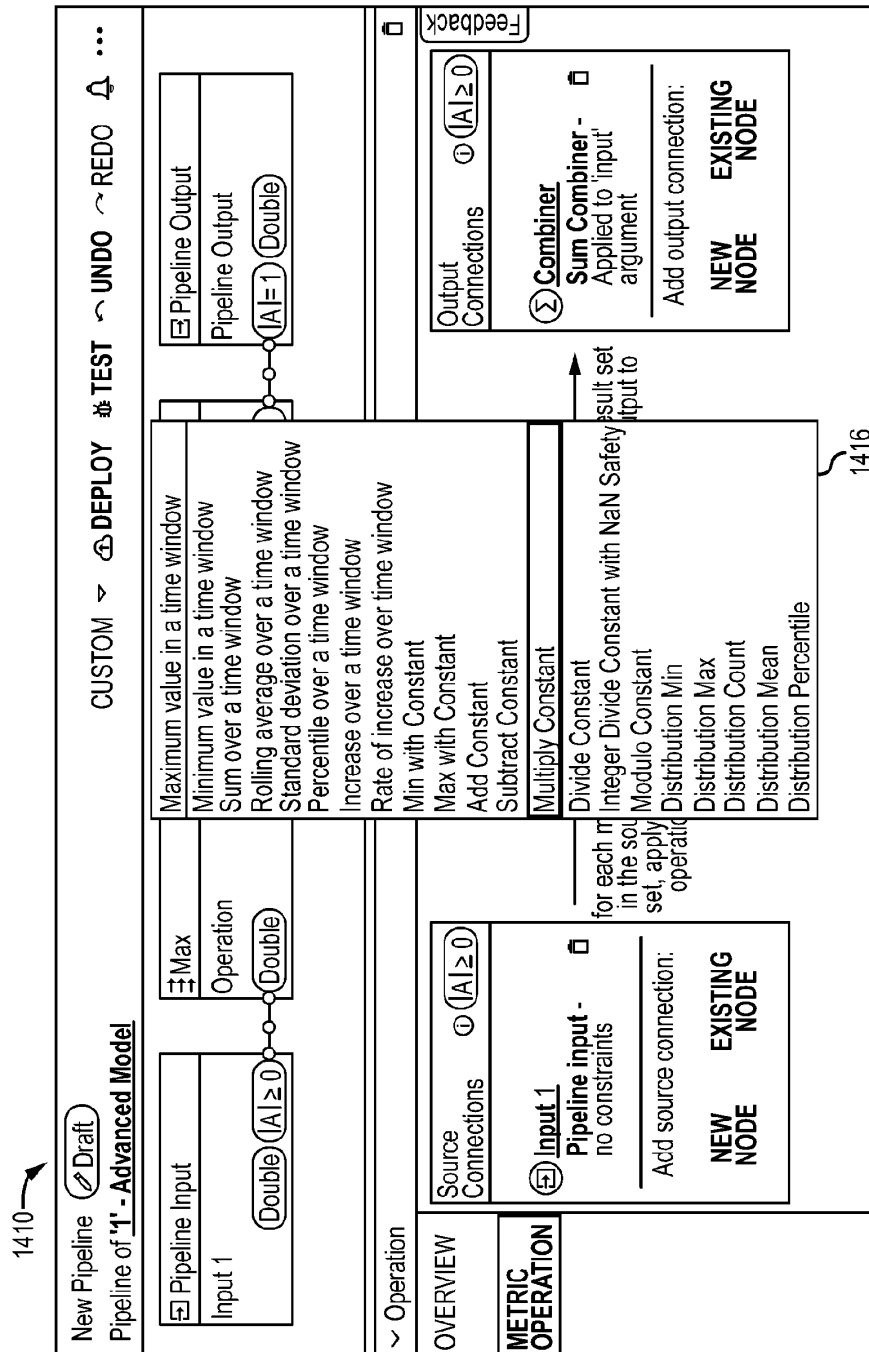
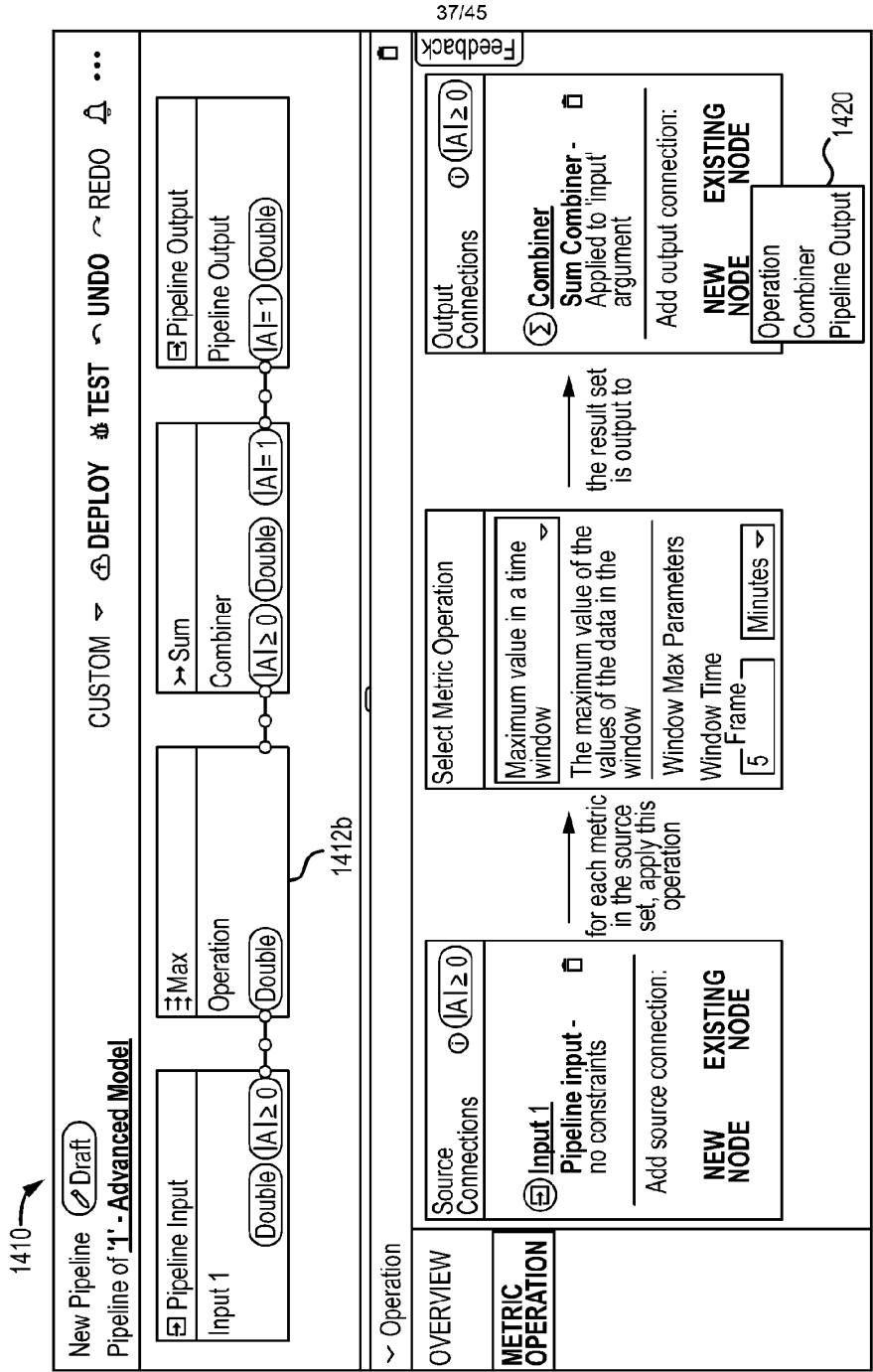


FIG. 14D



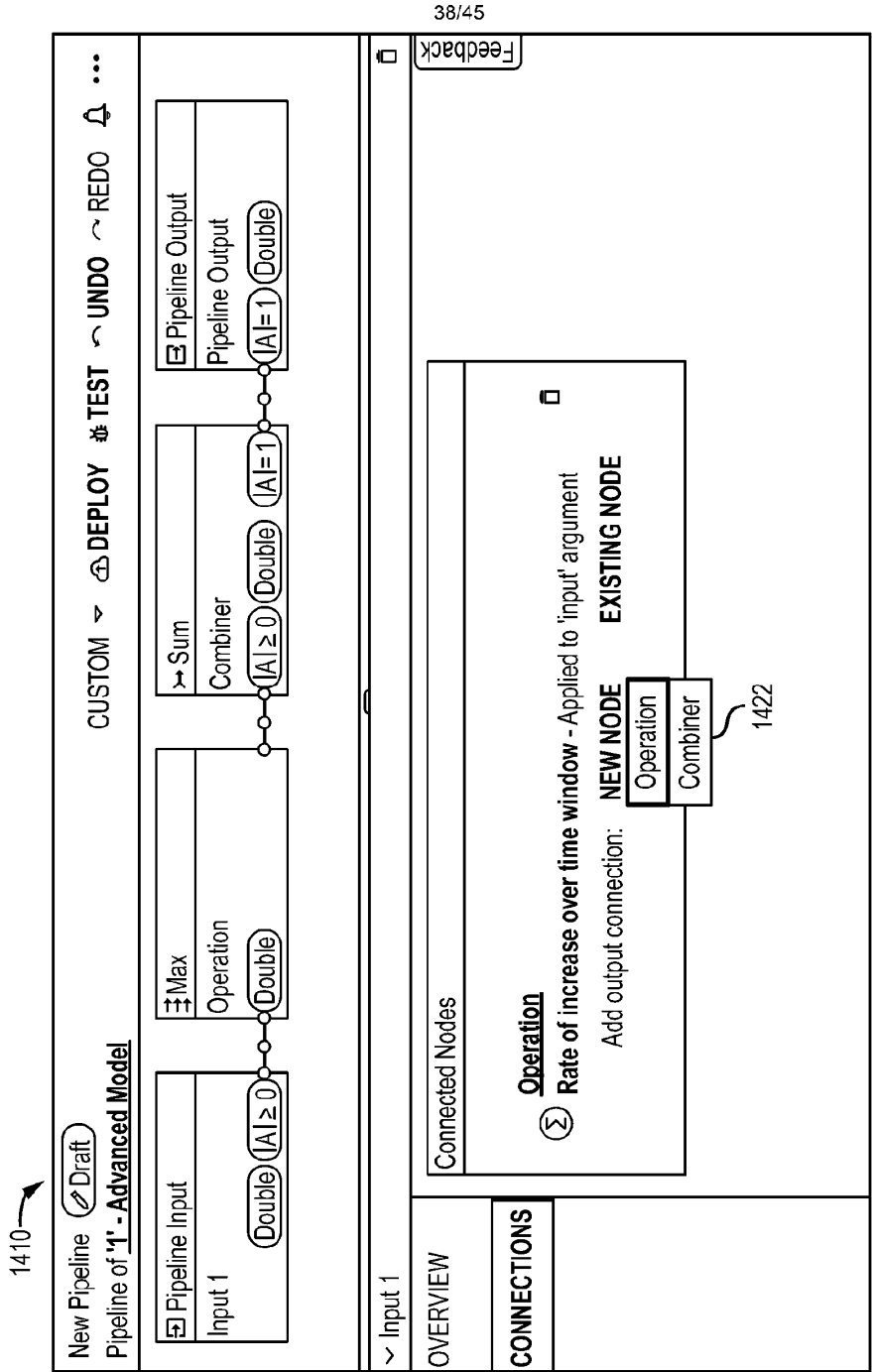


FIG. 14F

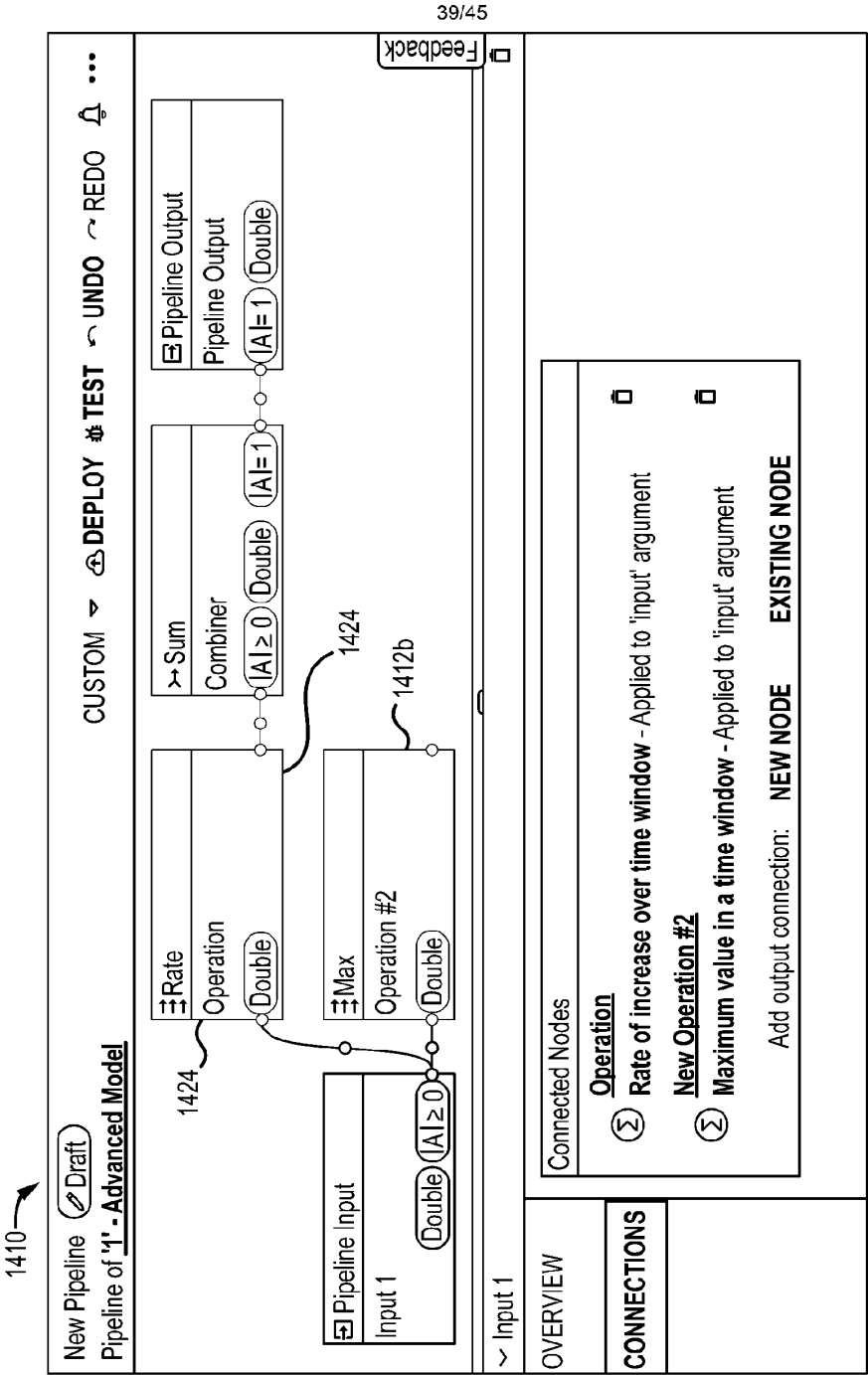
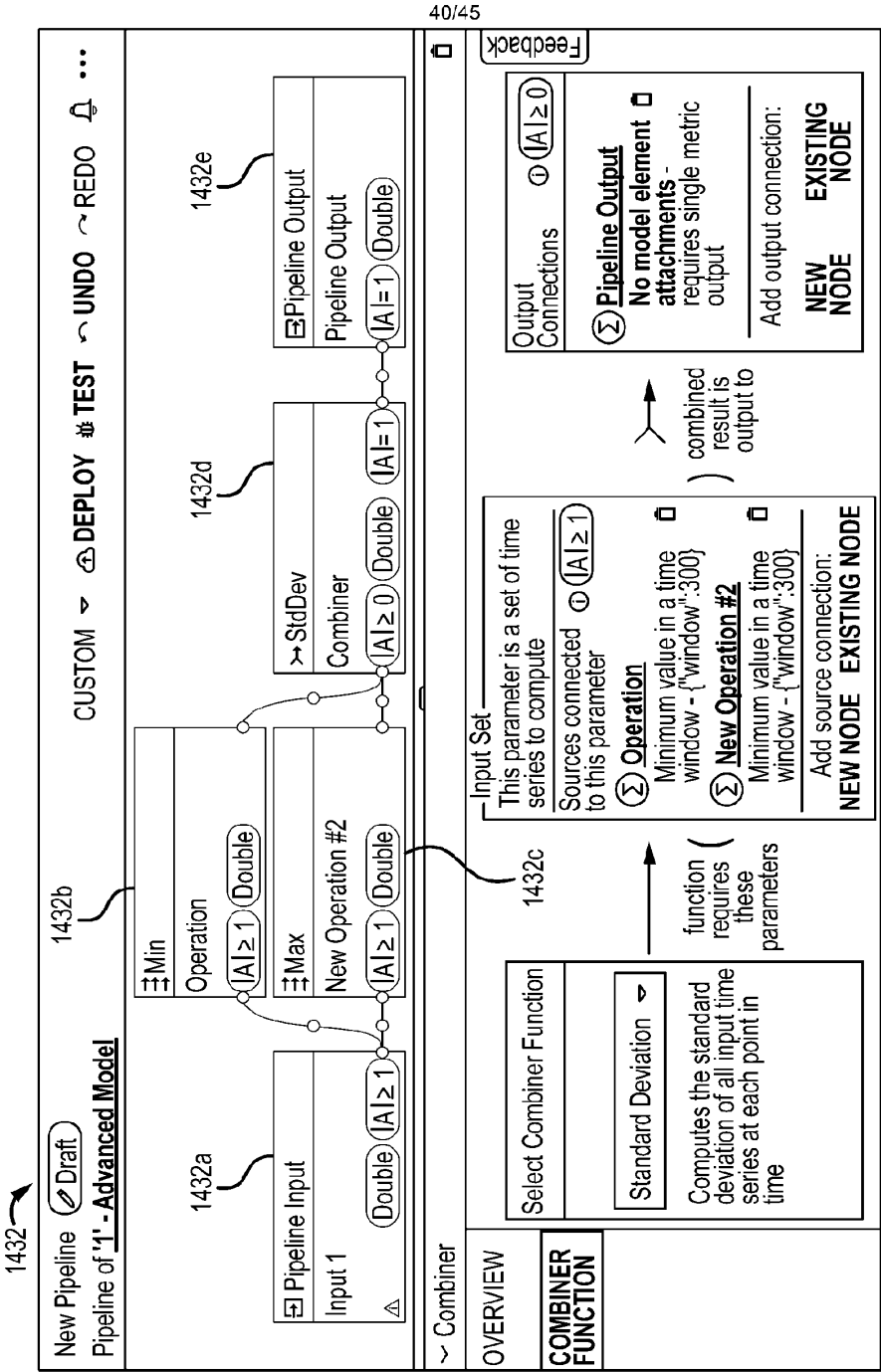


FIG. 14G



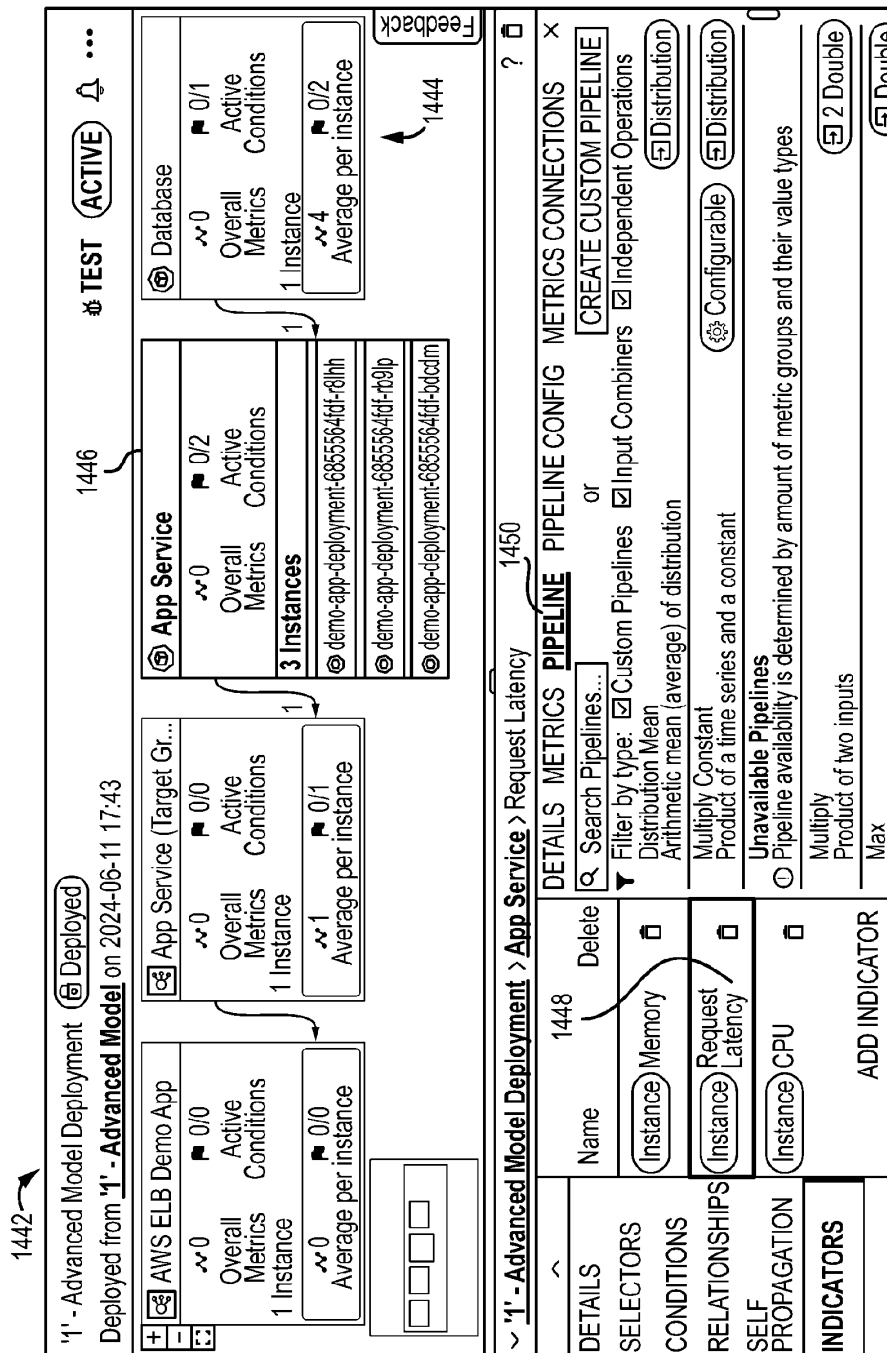


FIG. 14I

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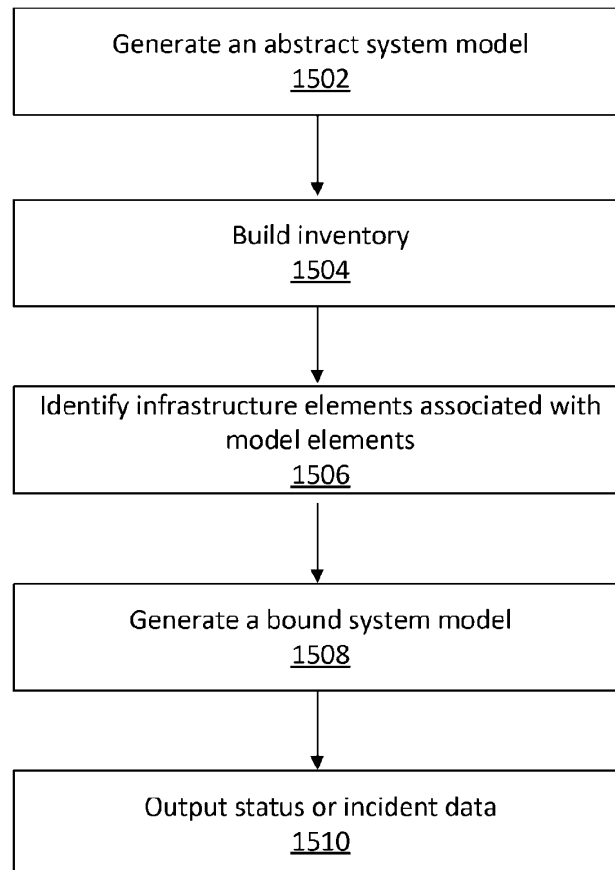


FIG. 15A

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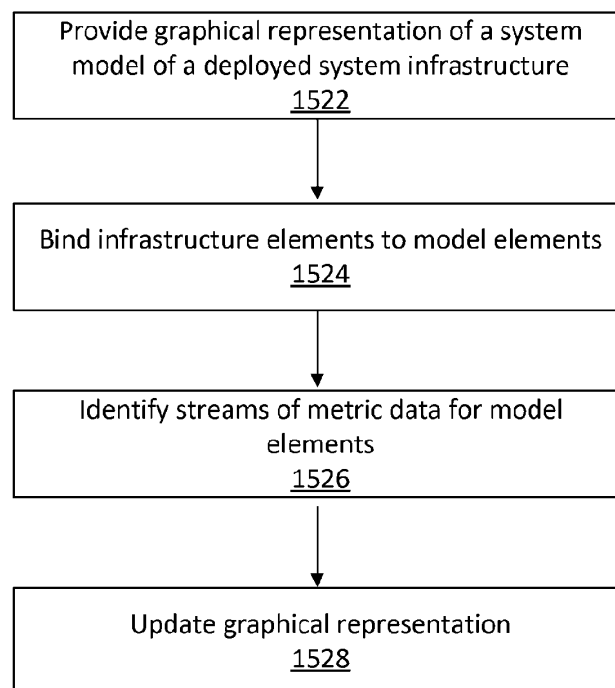
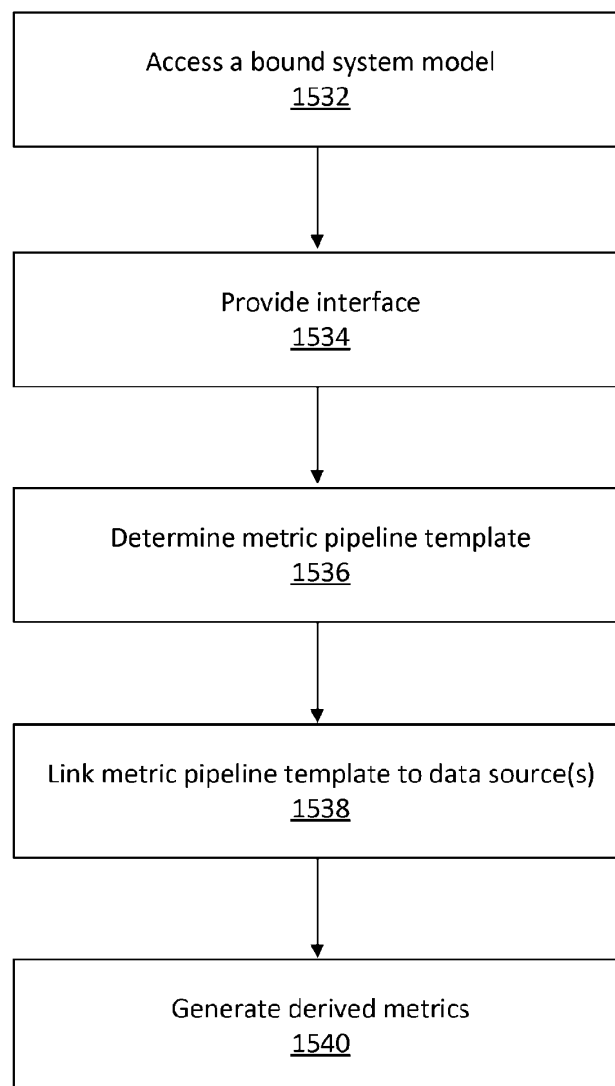


FIG. 15B

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**FIG. 15C**

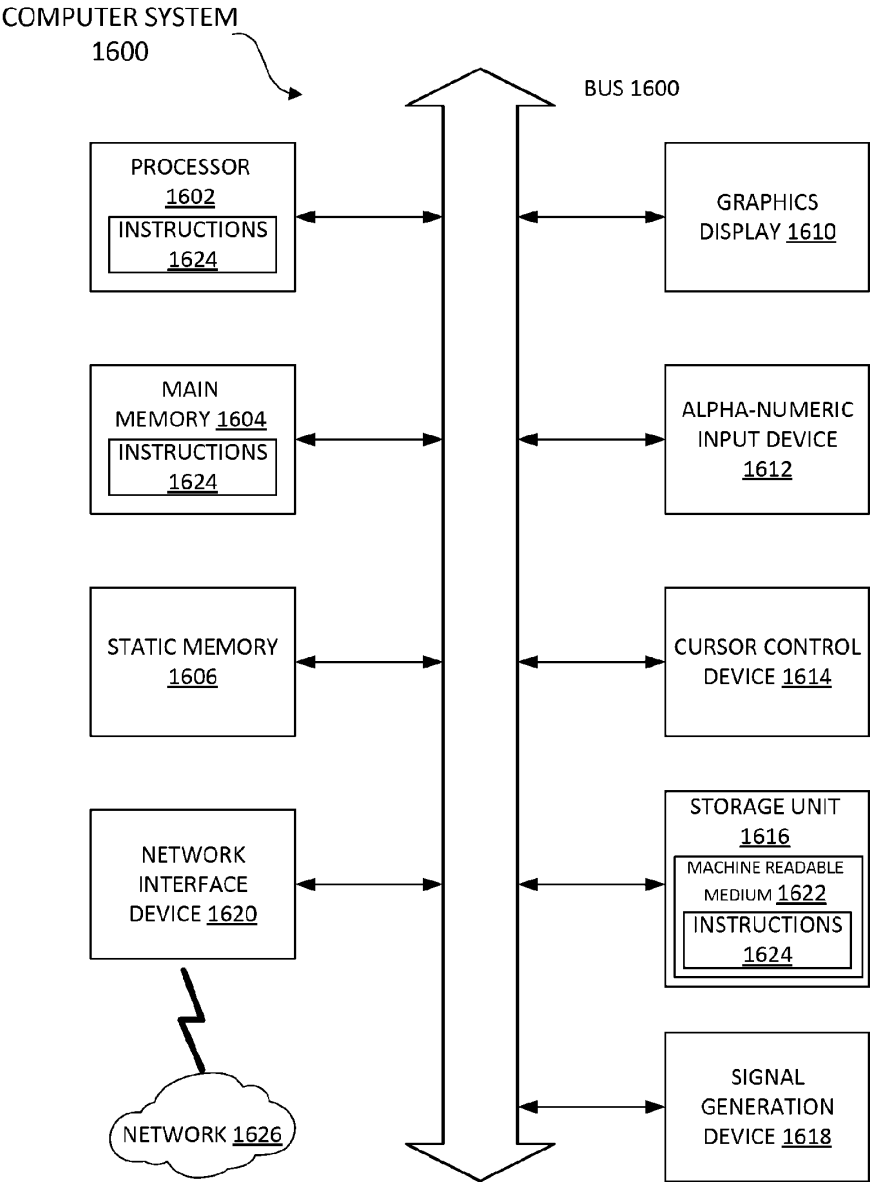


FIG. 16