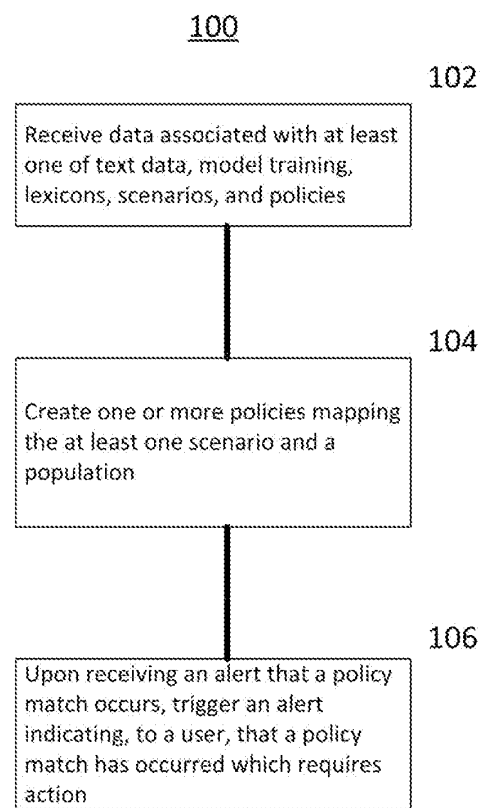
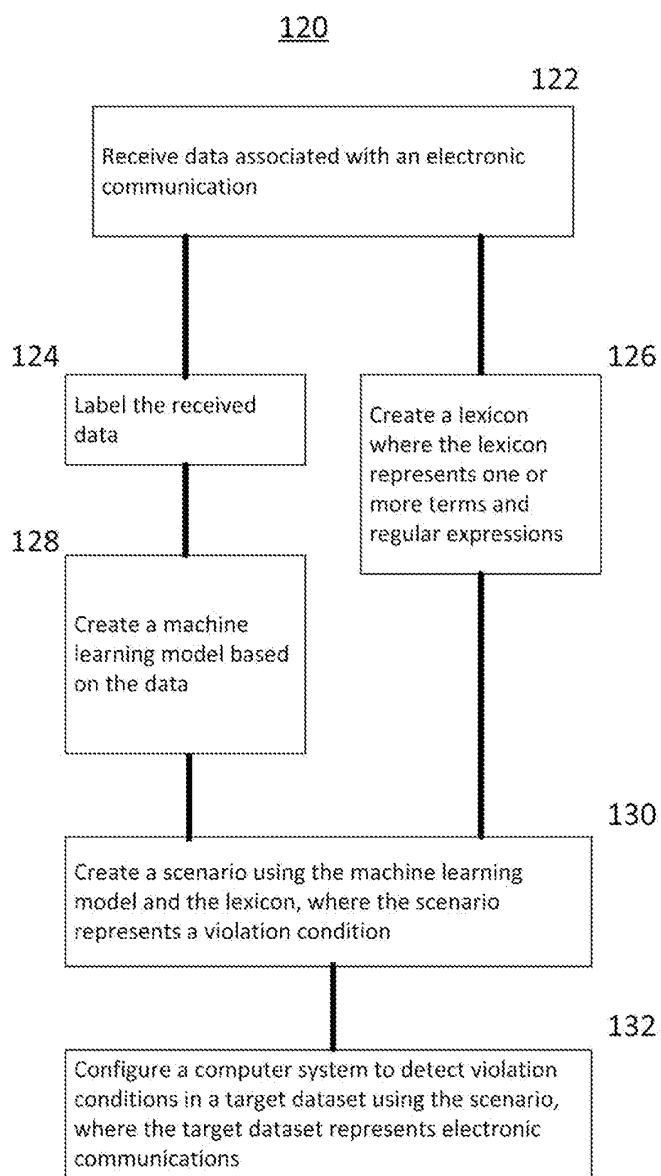


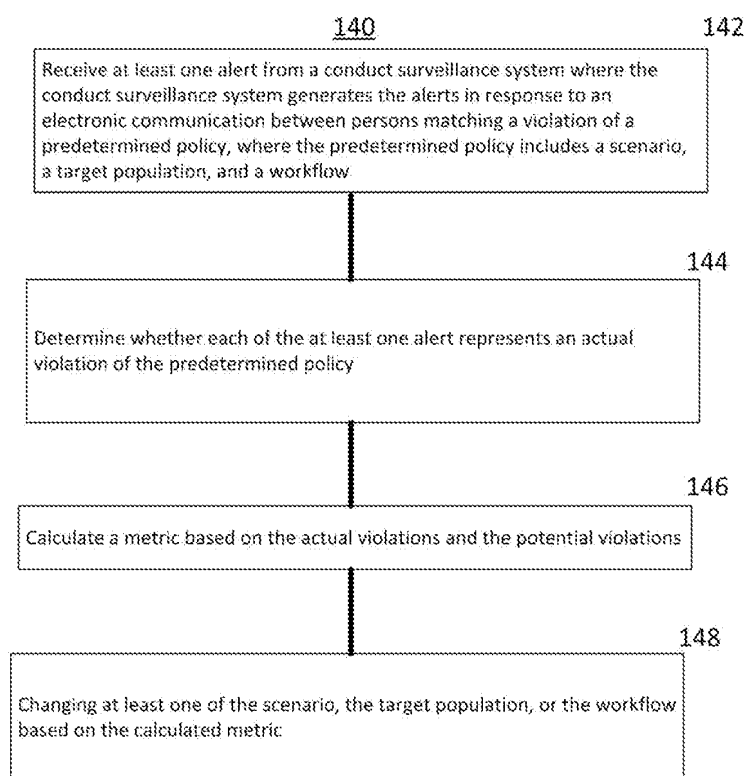
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**FIG. 1A**

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**FIG. 1B**

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**FIG. 1C**

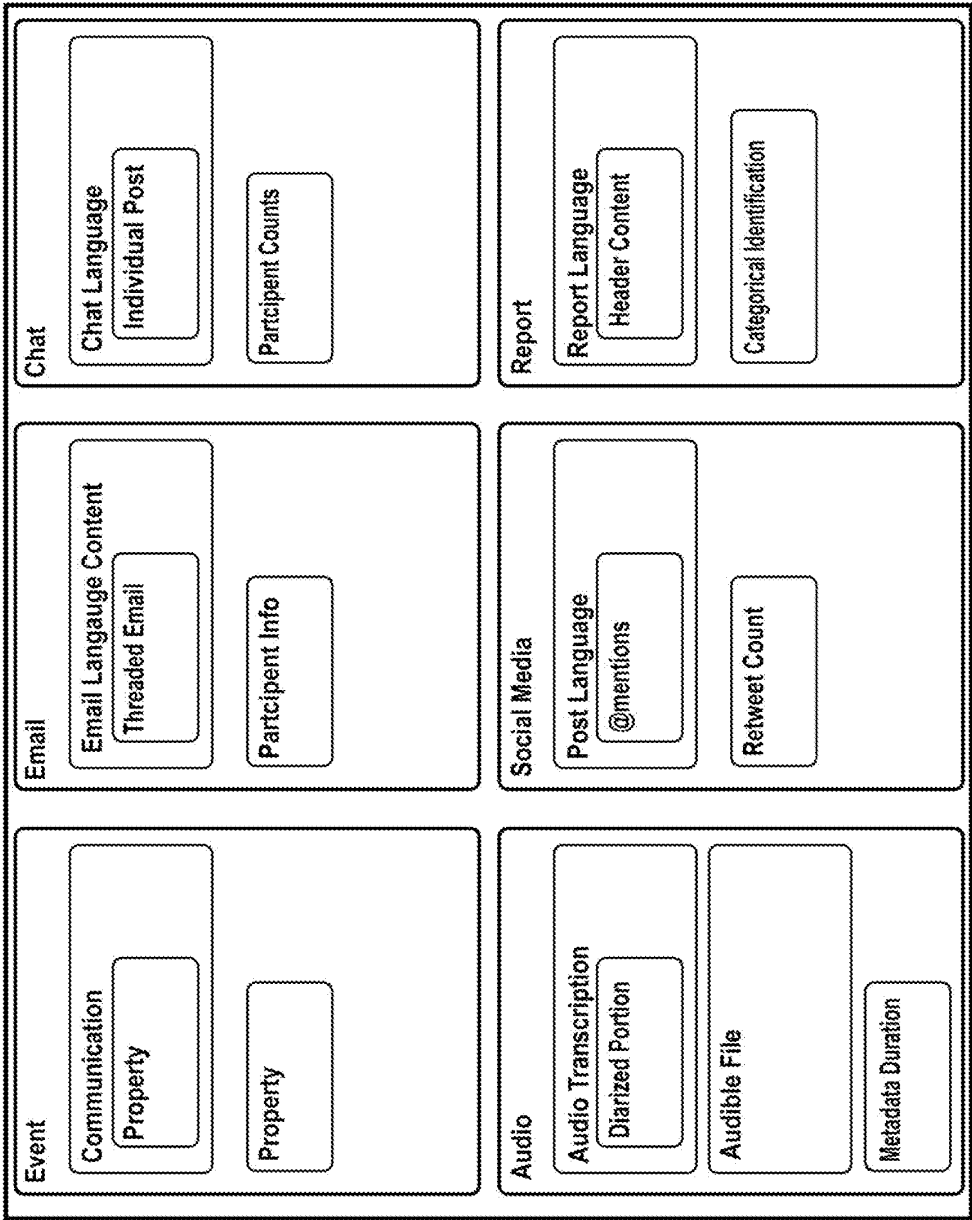


FIG. 2A

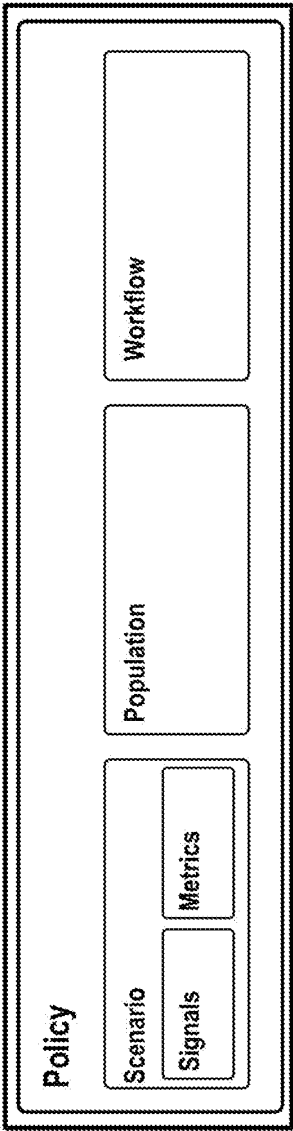


FIG. 2B

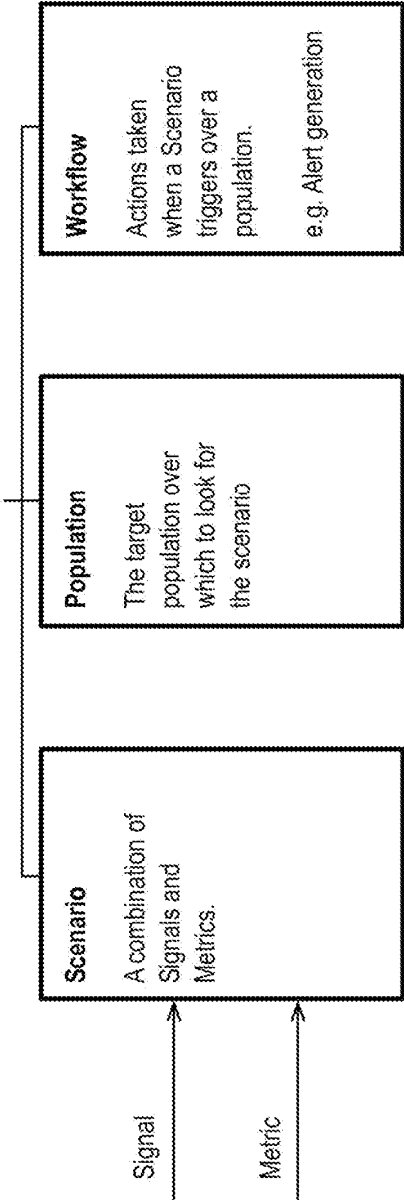
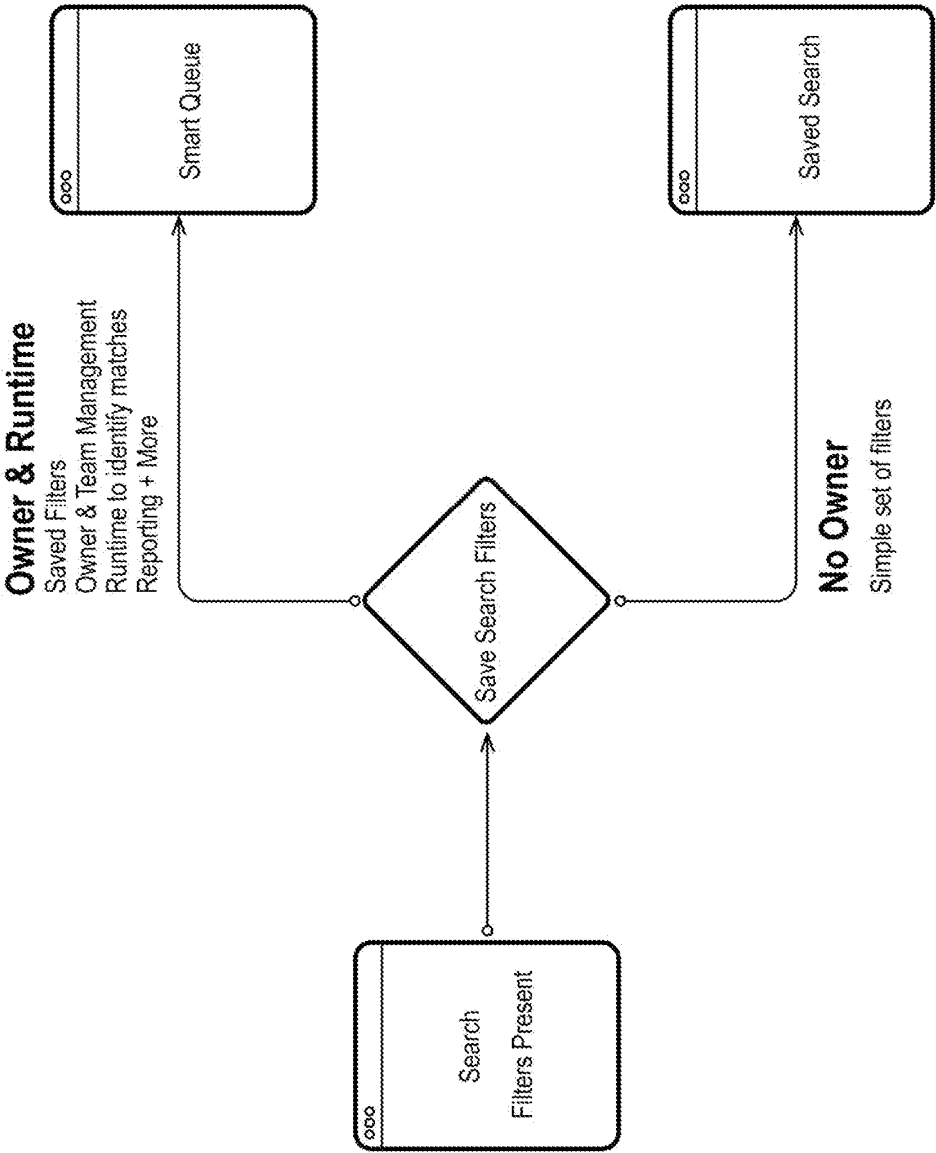


FIG. 2C



**FIG. 3**

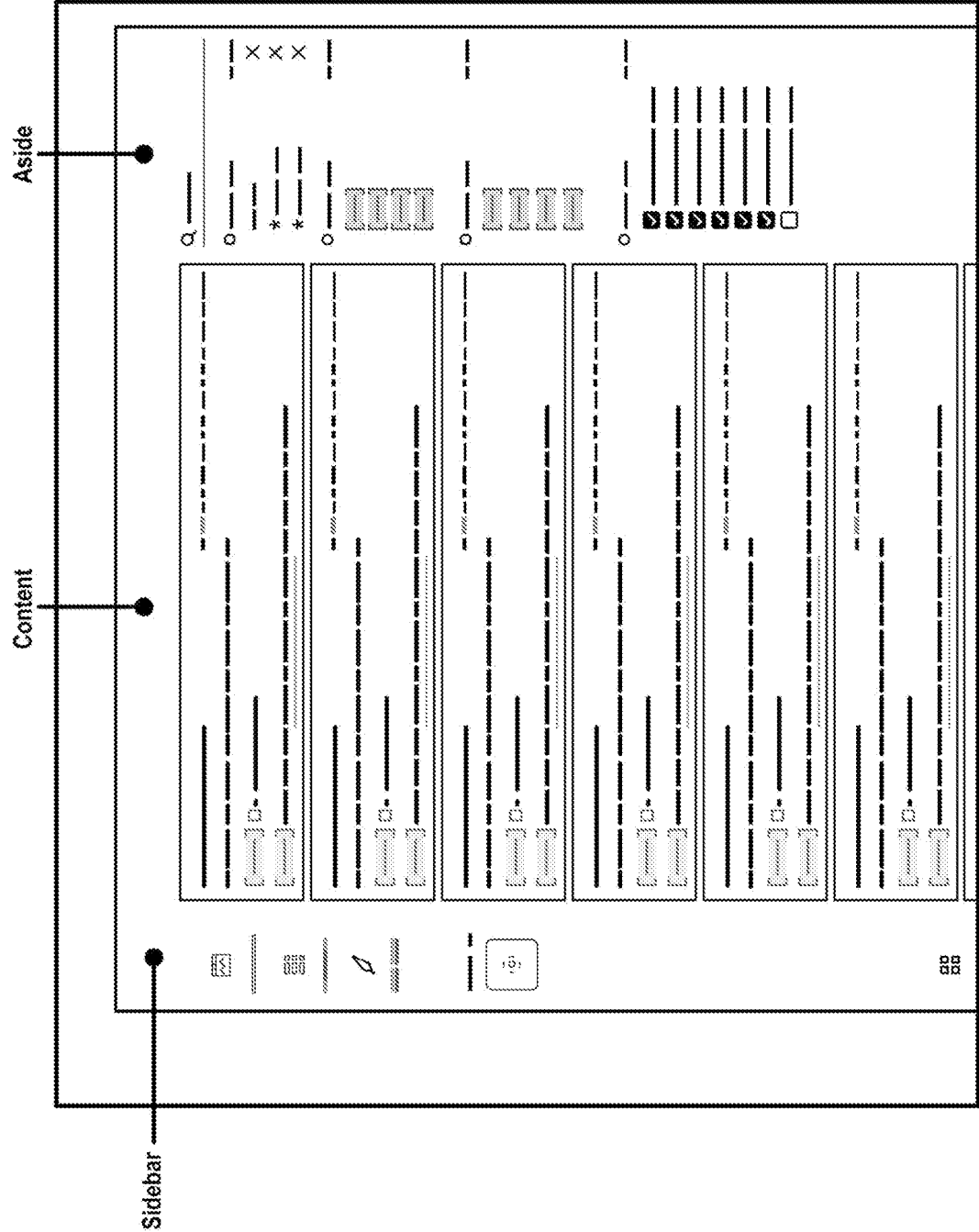


FIG. 4

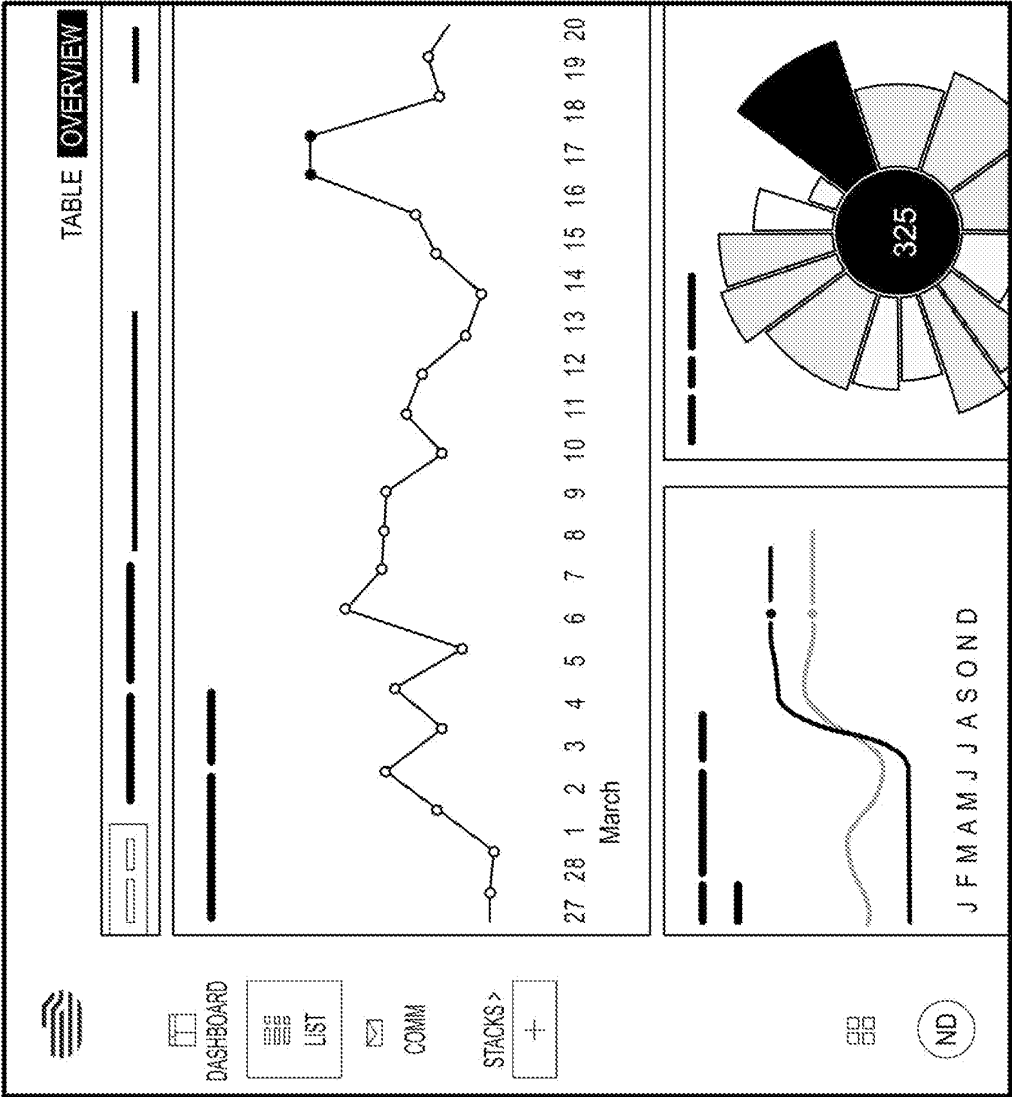
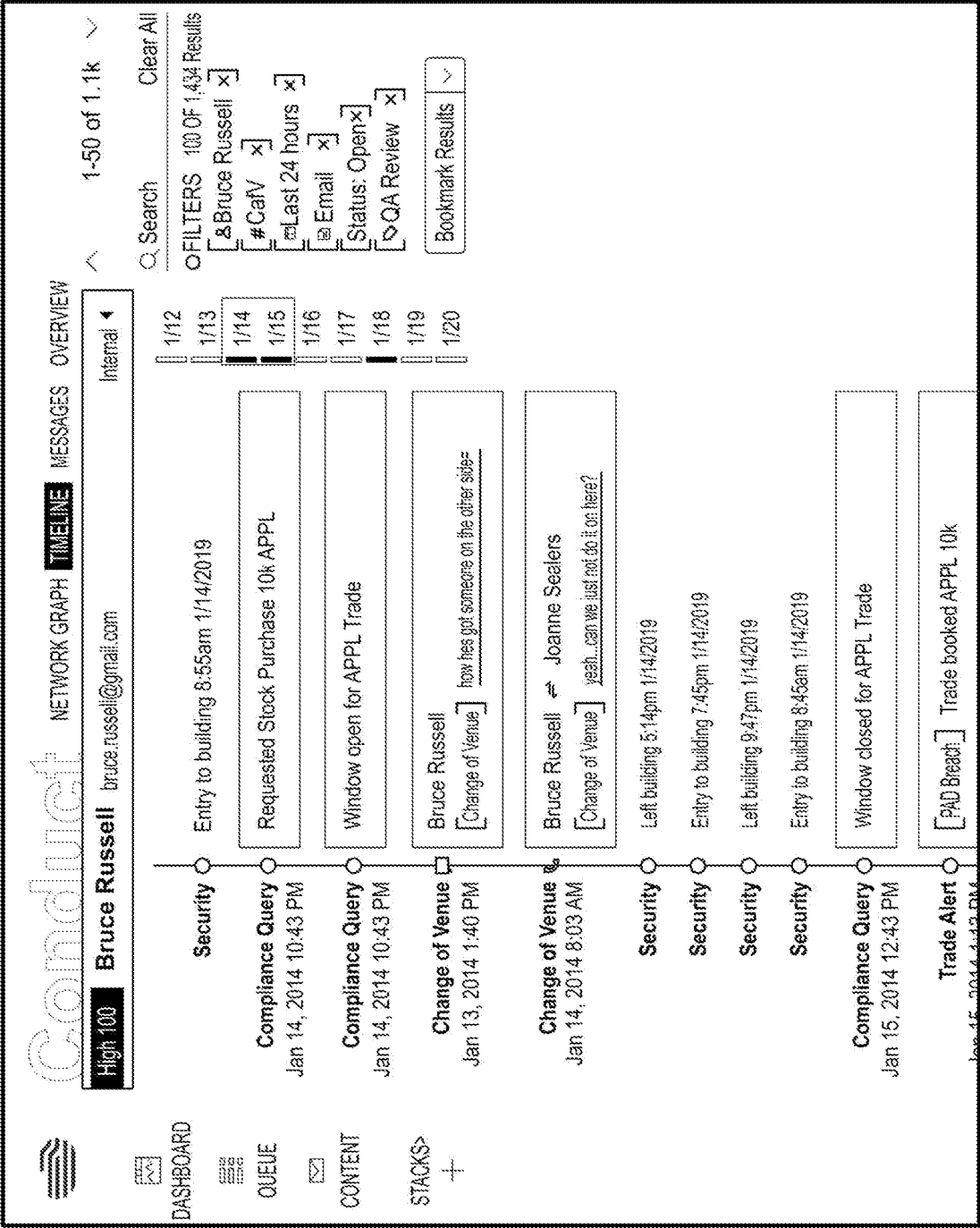


FIG. 5

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| Communication for Knowledge Task                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  | Actions Required by a User                                                                                                                                                                                                                                                                                                                                                                               |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | <div> <div>Activity Meladata</div> <div>Message</div> </div>                                                                                                                                                                                                                                                                                                                                             |  |
| <p><b>To:</b> richard.sanders@enron.com, wendy.davis@internalemail.com, salivar.dias@anotheremail.com, steve.rogers@marvel.com</p> <hr/> <p><b>From:</b> frank.douglas@digitalreasoning.com</p> <hr/> <p><b>Sent:</b> Tuesday, november 15 2018 - 12:24:34 UTC</p> <hr/> <p><b>Attachments:</b> : 4 attachments (total 12.6 mb)</p> <hr/> <p><b>SUBJECT:</b> RE: Important Wells Fargo Contact Information</p> <hr/> <p>PLEASE. We have repairs that must be done ASAP, that's why we started the process in the beginning of October!!</p> <hr/> <p>Sent: Tuesday, November<br/>TO: Herrera, Benjamin Subject: re: Important Wells Fargo Contact Information</p> <hr/> <p>I tried to call you today at the number in your email to me; however, your mailbox is full. You indicated in your email to me that if I had any questions, I was to contact you. I DO have a question. It has now been almost 3 months since we started the process.</p> |  | <div> <div>Prev Next</div> <div>Escalate 1</div> <div>False Positive 2</div> <div>News 3</div> <div>Spam 4</div> <div>Search</div> <div>Focus View On</div> <div>CONCERNS -1 less</div> <div>Time: 23:34</div> <div>Large attachment size</div> <div>Mispeeling</div> <div>High # of Attachments</div> <div>PEOPLE +23 more</div> <div>Benjamin Herrera</div> <div>Longname Jason Jones III</div> </div> |  |

**FIG. 6**



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DASHBOARD

QUEUE

CONTENT

STACKS >

+

Aside

< 1-50 of 1.1k >

Search Clear All

FILTERS 100 OF 1,434 Results

- [x] Bruce Russell [x]
- [x] CatV [x]
- [x] Last 24 hours [x]
- [x] Email [x]
- [x] Status: Open [x]
- [x] QA Review [x]

Bookmark Results >

Conduct NETWORK GRAPH TIMELINE MESSAGES OVERVIEW Internal <

High 100 Bruce Russell bruce.russell@gmail.com

|                                          |                                                                                           |
|------------------------------------------|-------------------------------------------------------------------------------------------|
| Thursday, January 01, 2014 4:17:20 AM    | 88 in   67 in                                                                             |
| Bruce Russell Change of Venue            | ...Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacina odio...   |
| Josh Goodwin Change of Venue             | ...Donec sed odio dui. Praesent, commodo cursus magna, vel scelerisque nisl.              |
| Wednesday, November 11, 2013 11:10:08 PM | 24 in   78 in                                                                             |
| Bruce Russell Change of Venue            | ...Donec sed odio dui. Praesent, commodo cursus magna, vel scelerisque nisl.              |
| Tuesday, December 12, 2014 12:17:02 PM   | 37 in   52 in                                                                             |
| Bruce Russell Change of Venue            | ...Donec sed odio dui. Praesent, commodo cursus magna, vel scelerisque nisl.              |
| Saturday, January 01, 2014 6:52:17 PM    | 15 in   26 in                                                                             |
| Bruce Russell Change of Venue            | 1 ...how has got someone on the other side=                                               |
| Wednesday, December 12, 2016 6:10:45 PM  | 73 in   38 in                                                                             |
| Bruce Russell Change of Venue            | 8 ...Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacina odio... |
| Josh Goodwin Change of Venue             | ...Donec sed odio dui. Praesent, commodo cursus magna, vel scelerisque nisl.              |
| Wednesday, February 02, 2016 11:21:10 AM | 51 in   32 in                                                                             |
| Bruce Russell Change of Venue            | 8 ...Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacina odio... |
| Josh Goodwin Change of Venue             | ...Donec sed odio dui. Praesent, commodo cursus magna, vel scelerisque nisl.              |
| Wednesday, July 07, 2017 4:28:49 AM      | 46 in   37 in                                                                             |
| Bruce Russell Change of Venue            | 8 ...Duis mollis, est non commodo luctus, nisi erat porttitor ligula, eget lacina odio... |
| Josh Goodwin Change of Venue             | ...Donec sed odio dui. Praesent, commodo cursus magna, vel scelerisque nisl.              |

FIG. 8

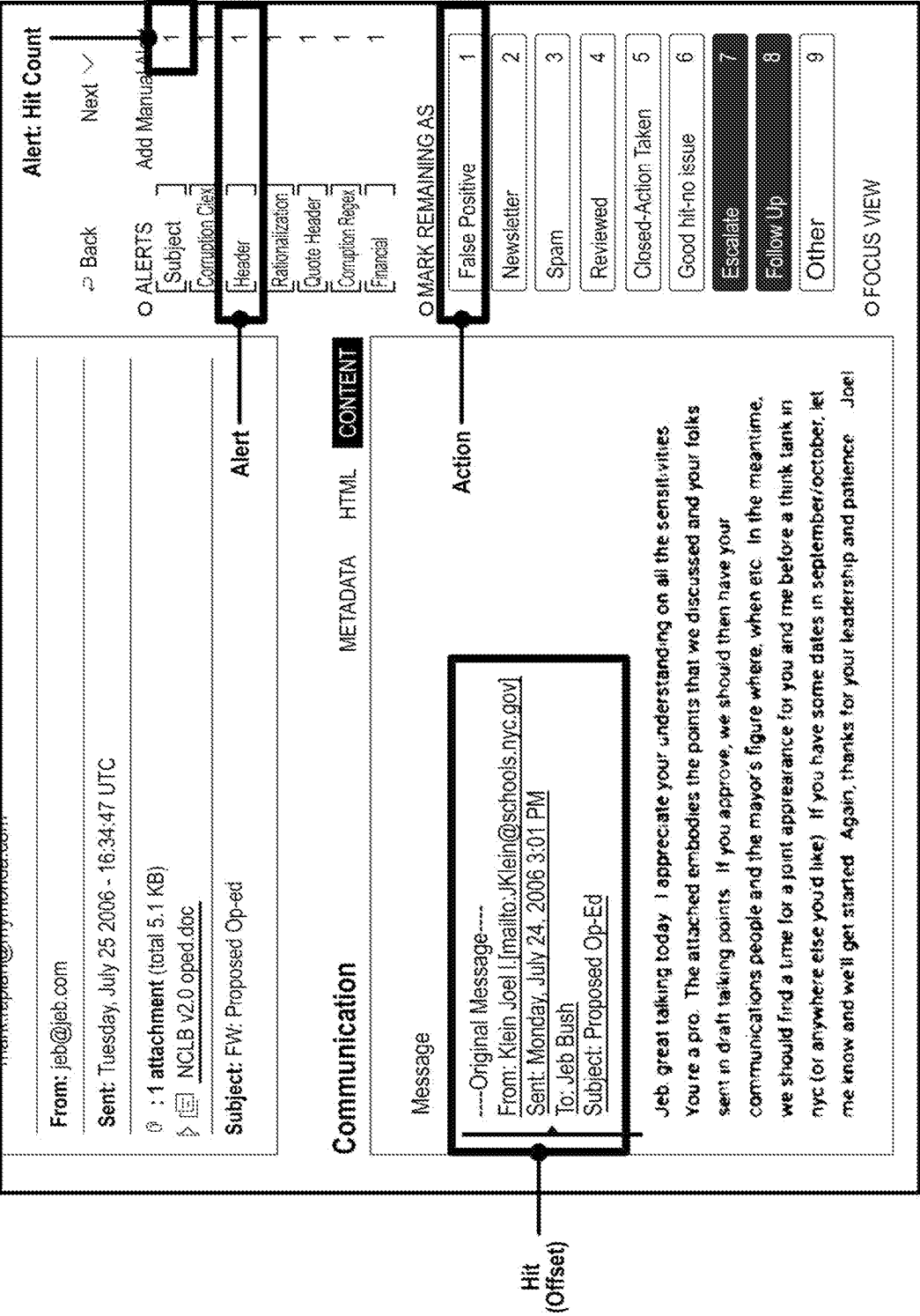


FIG. 9

Commodore

List Card

Alert Hit Preview

Aubrey Henry

RE: Subject line subject line subject line subject line

[Bribery] [envelope icon]: Camping2018.docx

[Bribery] ...cras justo odio, dapibus ac facilisis in, egestas eget Nulla vitae eli aquam...

Bessis Nguyen

RE: Subject line subject line subject line subject line subject line

[Bribery] [envelope icon]: Camping2018.docx

[Bribery] ...cras justo odio, dapibus ac facilisis in, egestas eget Nulla vitae eli aquam...

Regina Bell

RE: Subject line subject line subject line subject line subject line

[Bribery] [envelope icon]: Camping2018.docx

[Bribery] ...cras justo odio, dapibus ac facilisis in, egestas eget Nulla vitae eli aquam...

Kathryn Warren

RE: Subject line subject line subject line subject line subject line

[Bribery] [envelope icon]: Camping2018.docx

[Bribery] ...cras justo odio, dapibus ac facilisis in, egestas eget Nulla vitae eli aquam...

Theresa Lane

RE: Subject line subject line subject line subject line subject line

[Bribery] [envelope icon]: Camping2018.docx

[Bribery] ...cras justo odio, dapibus ac facilisis in, egestas eget Nulla vitae eli aquam...

9(2) int | 21 ext | 2 bcc | 1 cc 19 Oct, 2019

9(2) int | 21 ext | 2 bcc | 1 cc 19 Oct, 2019

9(2) int | 21 ext | 2 bcc | 1 cc 19 Oct, 2019

9(2) int | 21 ext | 2 bcc | 1 cc 19 Oct, 2019

9(2) int | 21 ext | 2 bcc | 1 cc 19 Oct, 2019

Search

Clear All

FILTERS 100 OF 1434 Results

[&Richard Sanders x]

[#Bribery x]

[m21, Jul, 2019 x]

[Email x]

[Status: Open x]

[QA Review x]

LIST OPTIONS

Common

☐ Alerts

☒ BlagieliegrndTime

☐ Participant Count

Email

☐ To

☐ Subject

AUDIO

☐ Participants

☐ Run Time

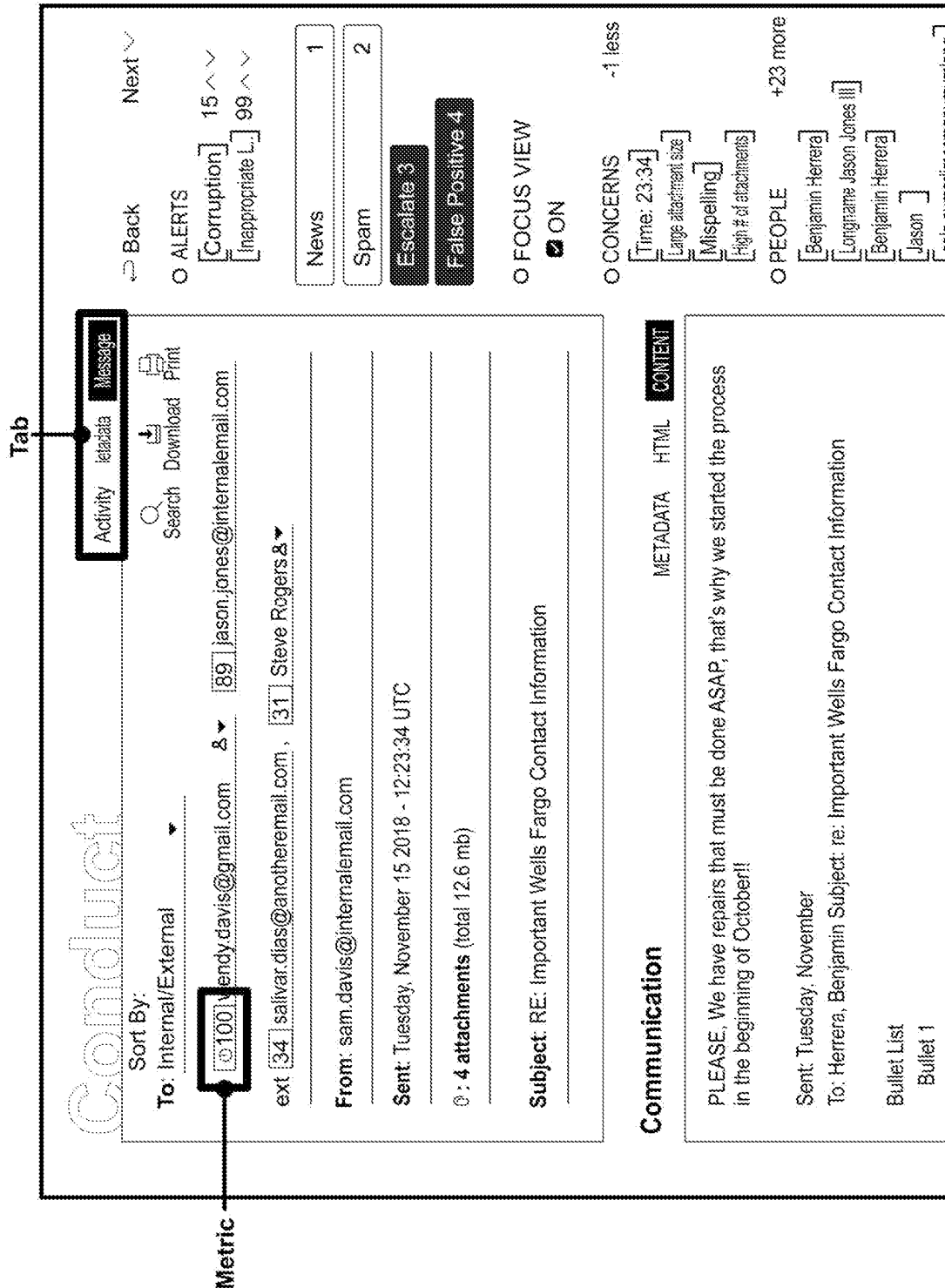
Chat

☐ Active Contributors

☐ Inactive Attendees

Sort By

FIG. 10



**FIG. 11**

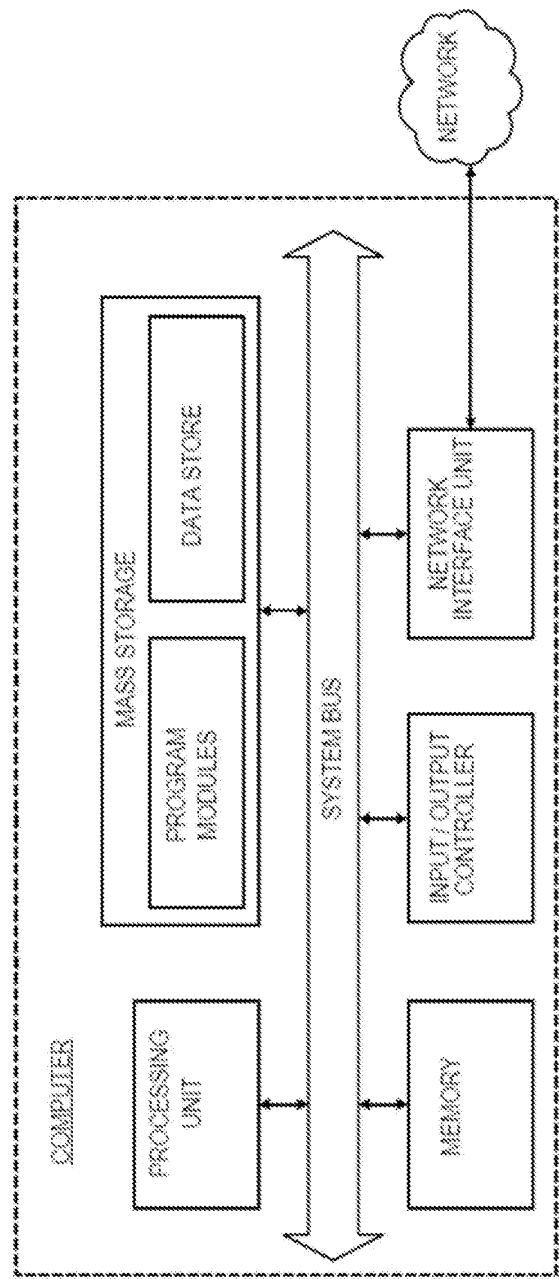
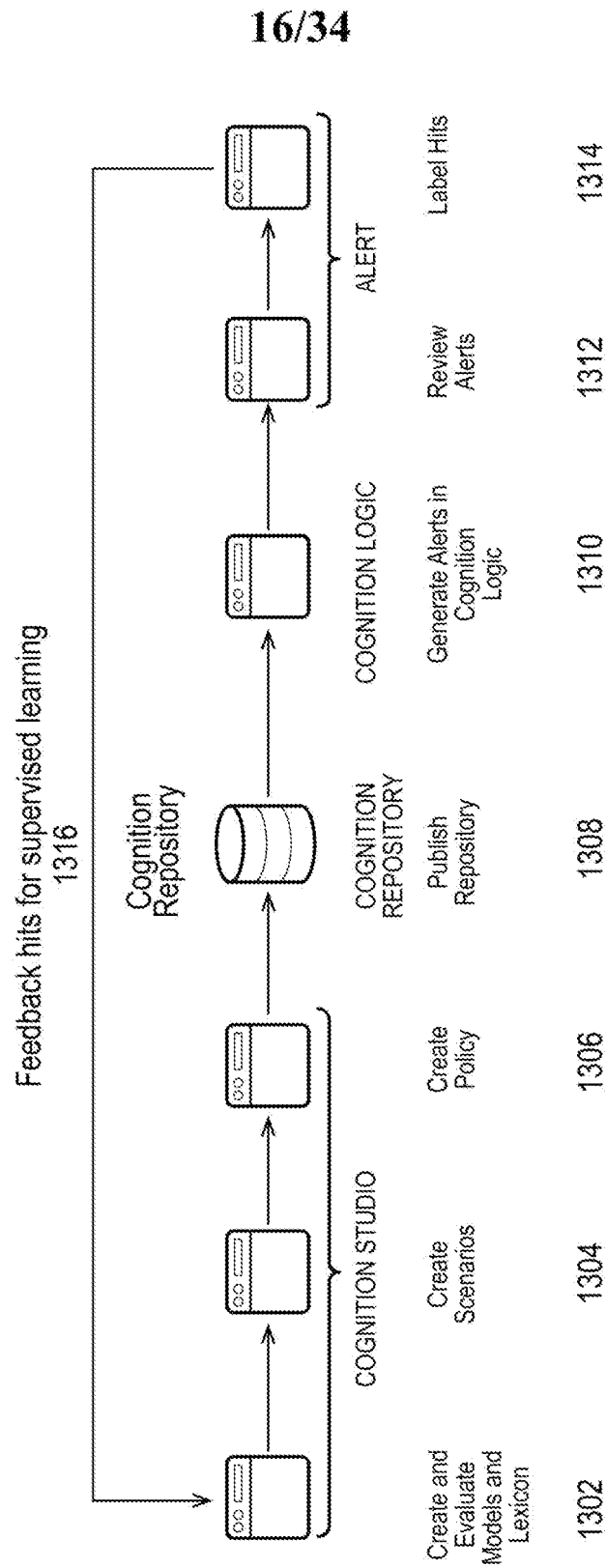


FIG. 12



**FIG. 13**

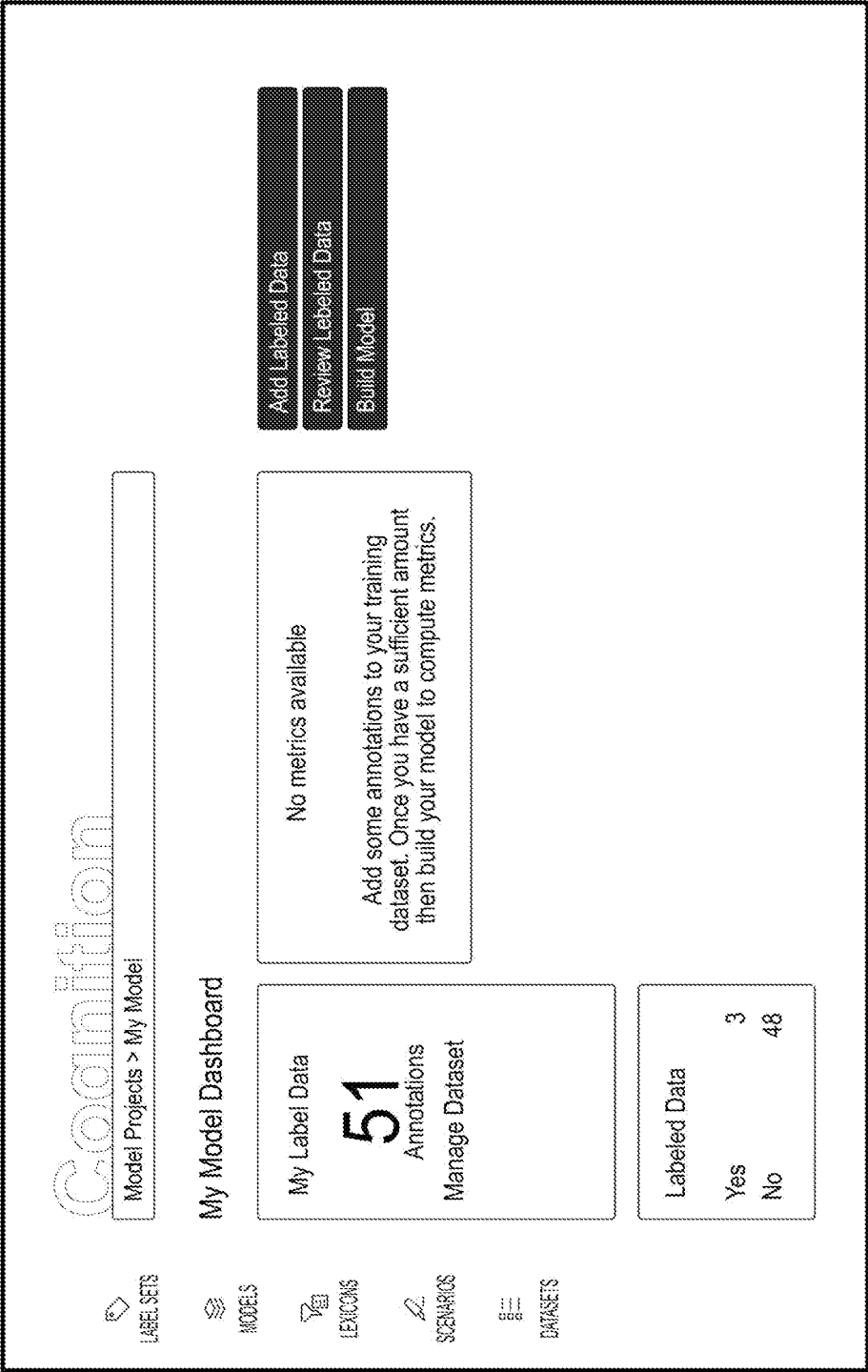


FIG. 14

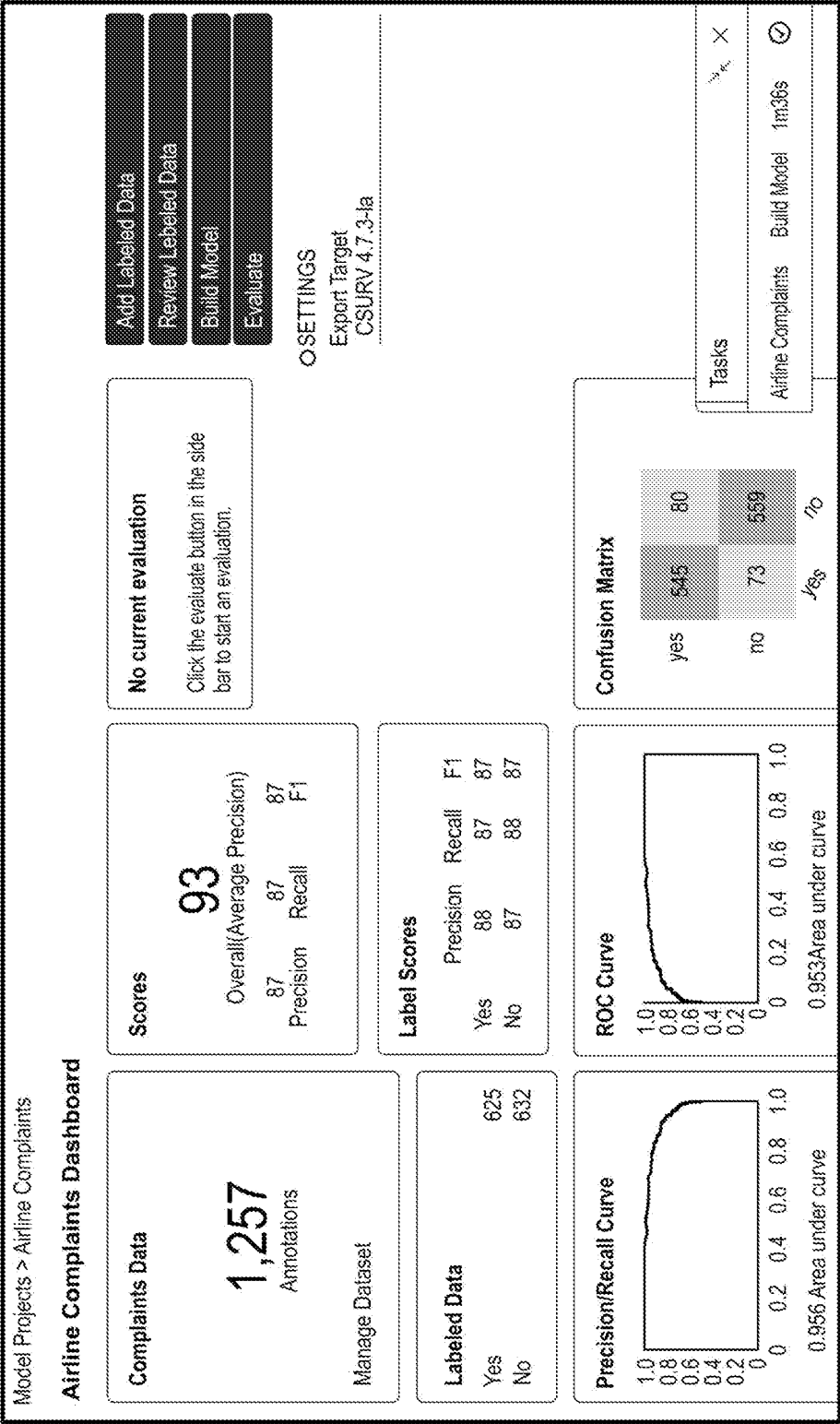


FIG. 15

LABEL SETS

MODELS

LEXICONS

DATASETS

Lexicons > Secretary > Evaluate

Evaluate Lexicon

Sample

Fwd: A secret to tell

----- Inline attachment follows ----- +Read more

Fwd: A secret to tell

----- Inline attachment follows ----- +Read more

CMTA Legislative Weekly - 10/26/01

The CMTA Fall Conference schedule for  
October 31 - November 2 has been cancelled.  
----- +Read more

Best Kept Secret in the Financial Market

Matches

10

10

8

7

Hit

Yes

Yes

Yes

Yes

1-50 of 1,627

Search

oMETRICS  
Hits  
Dataset  
1627 (100%)  
enron\_services\_eli

FIG. 16

SUBSTITUTE SHEET (RULE 26)

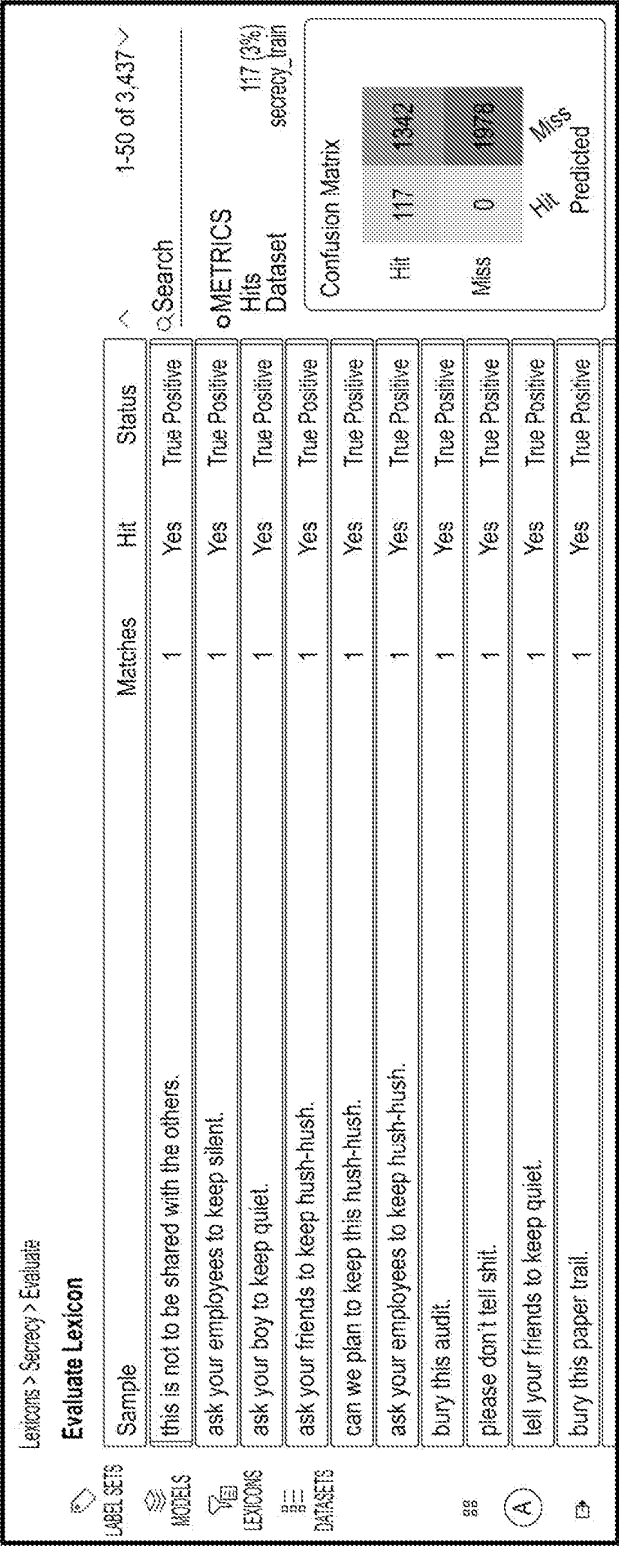


FIG. 17

 LABEL SETS

 MODELS

 LEXICONS

 DATASETS

## Lexicons > Secrecy > Evaluate > Sample

### Evaluate Lexicon Sample

RE: Witch hunt

There is a direct analogy to the Civil War here. Soon after the Union began to lose with much embarrassment in the field, a Committee For Overseeing the Conduct of the War comprised of big angry guys from Congress was formed. I'm not sure how. I think they just kind of announced that they were formed. They began interviewing people and were quite vicious about their conclusions, if I recall correctly, they gave themselves the power to jail people. Lincoln endured them and eventually they atrophied, but this kind of savage second guessing and vigilante vengeance by elected legislators is definitely a theme of politics. The notion that Dunn is seeking to keep things quiet to prevent rumors is total bullshit. If I were one of those poor saps being interviewed, I would get a lawyer and scream bloody murder about due process. Dunn can only do harm with this tactic, and again, it shows that the pathology of the body politic in Californicalia has advanced to its most flound degree. These people are sick. ---cgy

California state senator Joe Dunn is conducting a secret McCarthyesque inquisition of ISO Board members in an apparent effort to find a scapegoat to soak up the political blame for the energy crisis and divert negative criticism from Davis. Dunn better pick up the pace, the March primary election is only a few months away.

Energy probe kept under wraps. In secret, a Capitol panel is deposing key players in the lifting of a power price cap.

By John Hill  
See Capitol Bureau

8 of 1,627 ~

 Search

METRICS

Matches 6

Hits Yes

FOCUS VIEW

☒ ON

TERMS

Keep FOLLOWED? (1) (mute OR silent)

secret?

**FIG. 18**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Dunn is seeking to <u>keep things quiet</u> to prevent rumors is total bullshit. If I were one of those poop saps being interviewed, I would get a lawyer and scream bloody murder about due process. Dunn can only do harm with this tactic, and again, it shows that the pathology of the body politic in Californicalia has deviated to its most flord degree. There people are sick. ---cgy</p> <p>California state senator Joe Dunn is conducting a <u>secret</u> McCarthyesque inquisition of ISO Board members in an apparent effort to find a scapegoat to soak up the political blame for the energy crisis and divert negative criticism from Davis. Dunn better pick up the pace, the March primary election is only a few months away.</p> <p>Energy probe kept under wraps: In <u>secret</u>, a Capitol panel is deposing key players in the lifting of a power price cap.</p> <p>By John Hill<br/>Bee Capitol Bureau<br/>(Published Oct. 30 2001)</p> | <div>Hit</div> <div><div><div>o FOCUS VIEW</div><div><div><div><div><input checked="" type="checkbox"/> On</div></div></div><div><div><div>o TERMS</div><div>keep* FOLLOWEDBY([!quiet OR silent])</div></div></div></div><div><div>secret?</div><div>o</div></div></div><div>Yes</div></div> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

FIG. 19

Coanition

Key Indicators > Secret Spam > Definition

Secret Spam

HISTORYVERSIONSDASH

DEFINITION

Model: Secrecy

v2.1.1

ANY message

EVERY section

ONE OF

Lexicon: Spam

v4.7

Model: Spam

v4.7

Model: Secrecy

v2.1.1

ANY message

Model: Newsletter

v2.1.1

Q name:

Standard Features

Participant Count v2.9

Models

Secrecy Model v2.1.1

Newsletter Model v0.1

Spam Model v4.7

Lexicons

Operators

LABEL SETS

MODELS

LEXICONS

KIs

DATASETS

88

88

FIG. 20

POLICY ADMIN

Create/Edit New Policy

Save

Cancel

Status

☒ Active

☐ Inactive

Policy Name

Name

Gifts and Entertainment (UK)

Policy Group

Search Policy Group

UK Compliance

X

Knowledge Graph

Search Knowledge Graph

☒ english\_20200426

☐ english\_1283726

☒ spanish\_20397191

☐ spanish\_4902836

☐ cantonese\_1039826

☐ french\_09372909

☐ japanese\_9382792

english\_20200426 X

Policy Description

Label

G&E English and Spanish UK comp only

Active Key Indicator

Search Key Indicators

Bribery

V2 dd/mm/yyyy

Customer Complaints

V3 dd/mm/yyyy

Gifts and Entertainment

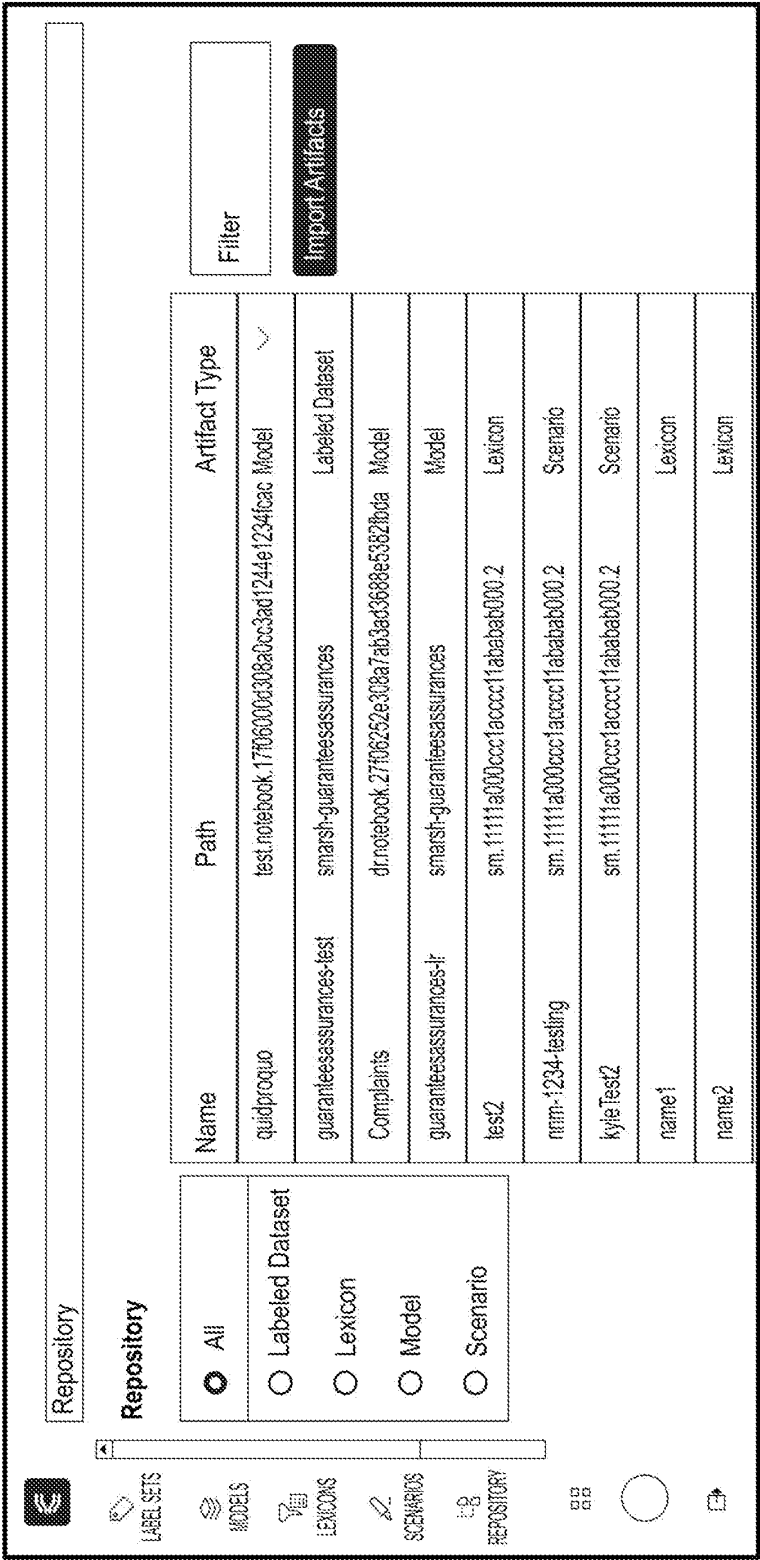
V2 dd/mm/yyyy

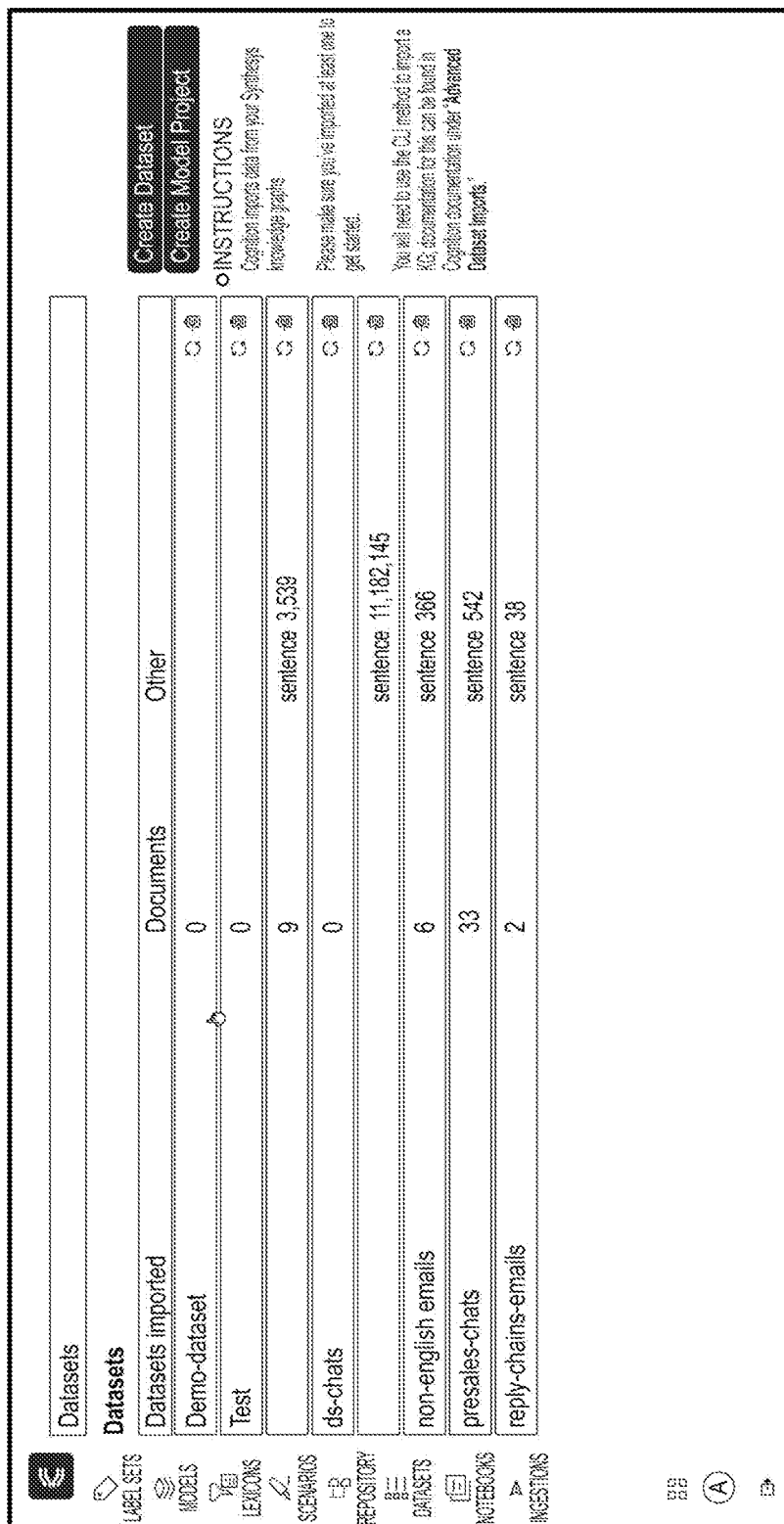
Harassment

V2 dd/mm/yyyy

Secrecy

FIG. 21





Label New Samples

Label New Samples

Review

Upload

SETTINGS

Sampling window

document

Pre-trained model

None

Labeled sample word embeddings

Default: English Binary

Related word embeddings

Default: English Binary

☒ Ignore samples when advancing

☐ Inject whitespace on token boundaries

SAMPLING SETTINGS

☒ Include negative samples

Threshold

0.5

Value must be between 0 and 1

Sampling Ratio

1

Value must be between 1 and 10,000

Labeled Datasets > Change of Venue

Change of Venue Labeled Dataset

Examples

1

Total Examples

Manage Examples

Keywords

0

Total Keywords

Manage Keywords

Labeled Samples

0

Total Labeled Samples

Review

Datasets

☒ Test (0 samples)

☒ reply-chains-emails (2 samples)

Add a dataset...

Language

English

Labels

Yes

No

Add Label

1

2

FIG. 23B

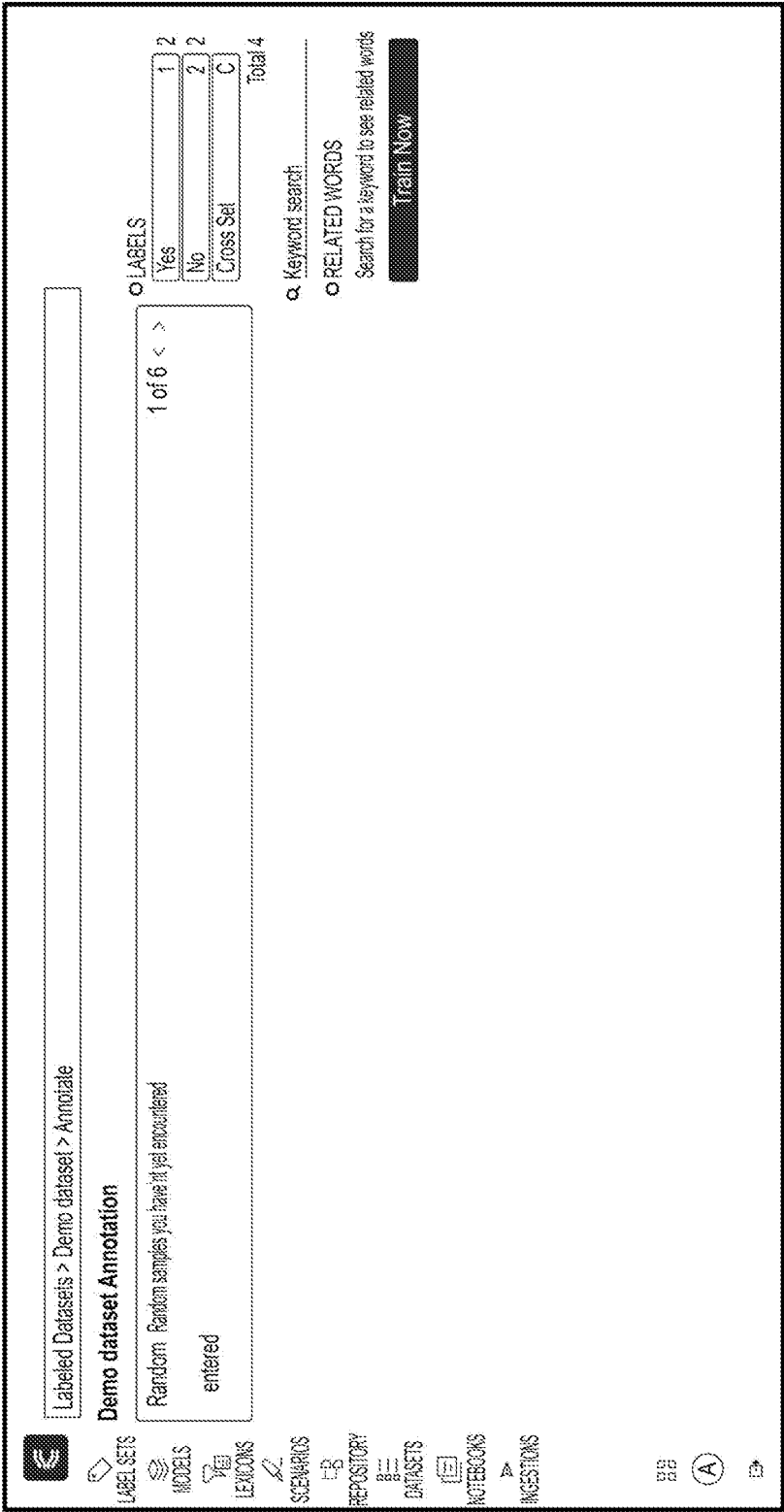


FIG. 23C

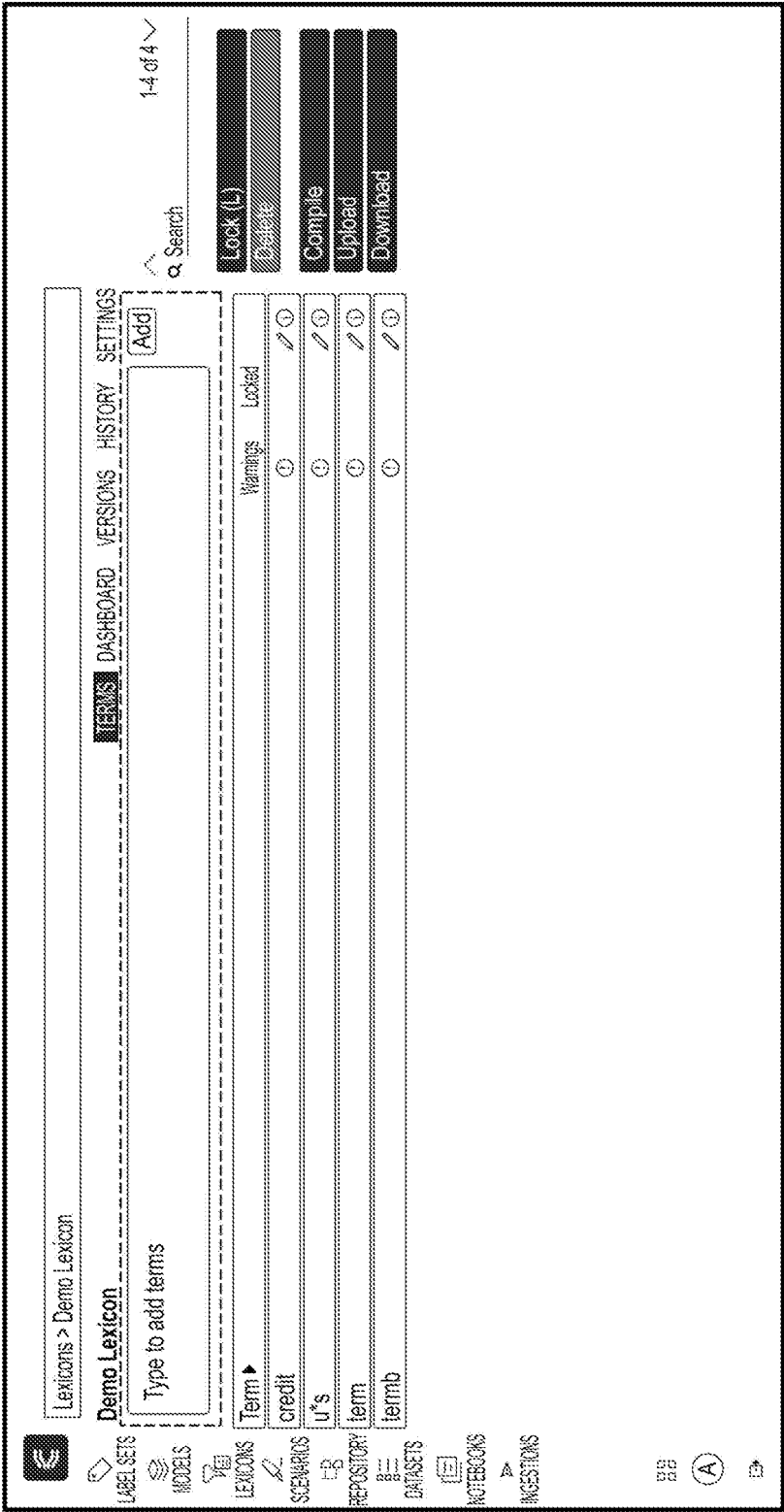


FIG. 23D

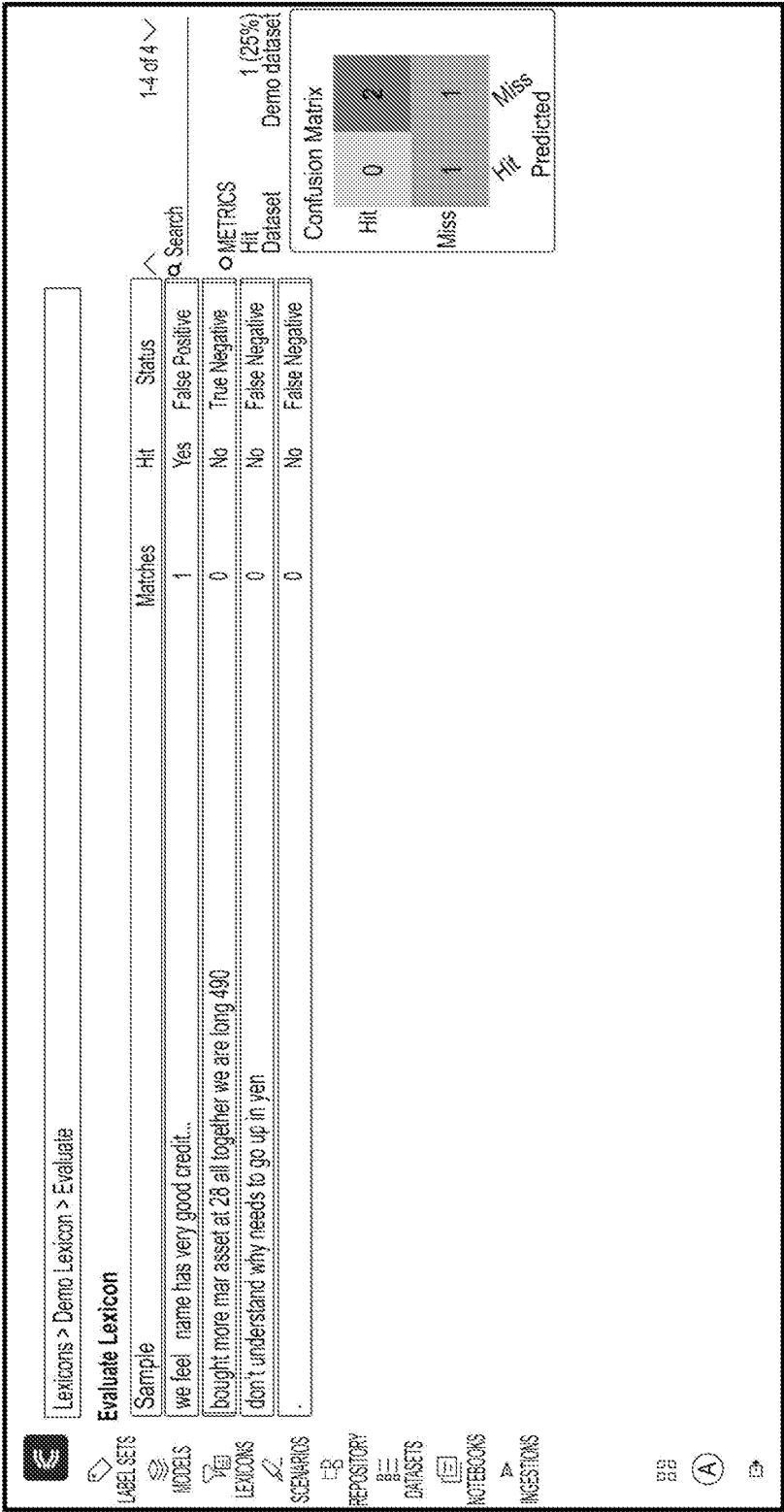


FIG. 23E

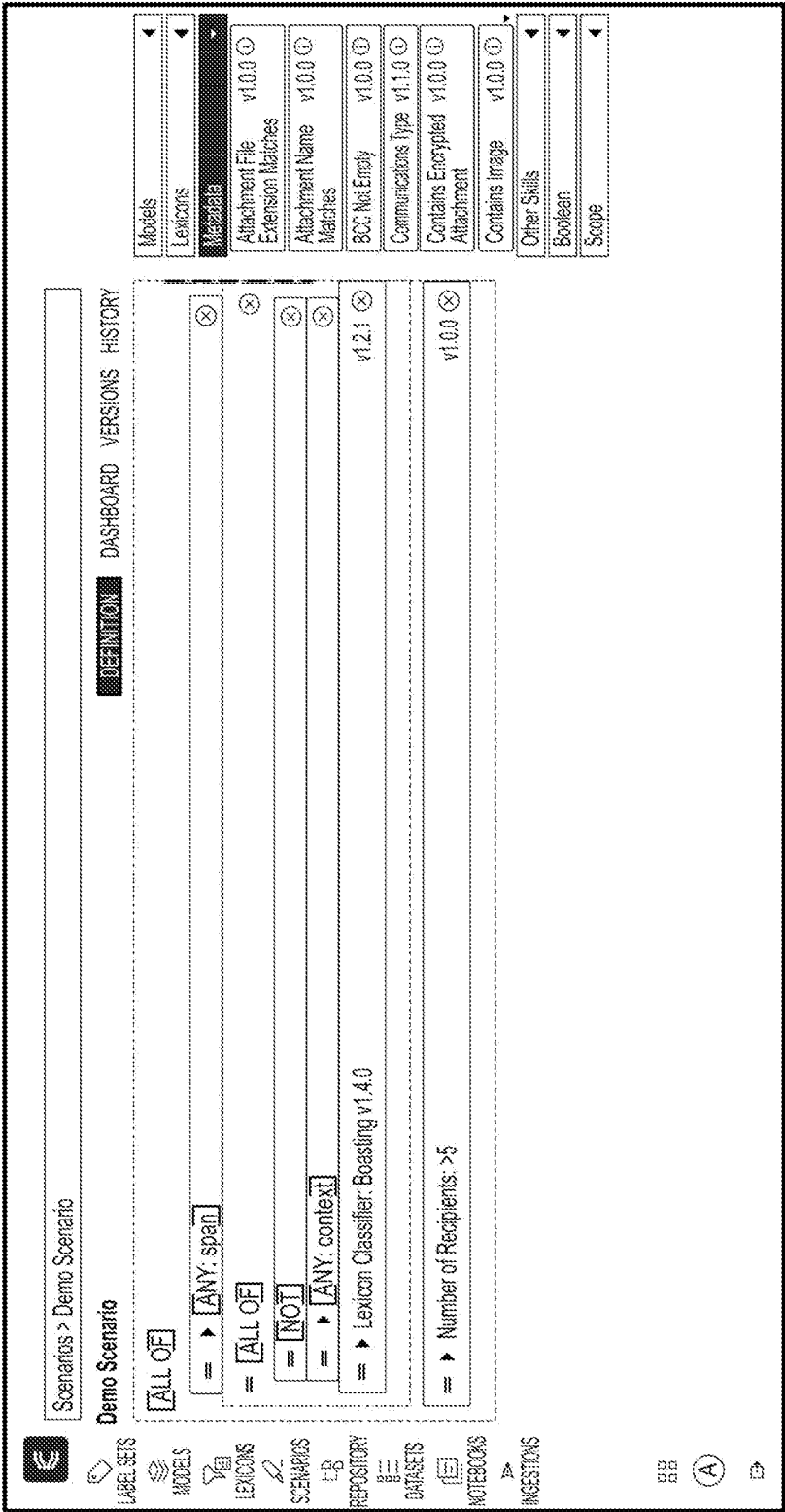
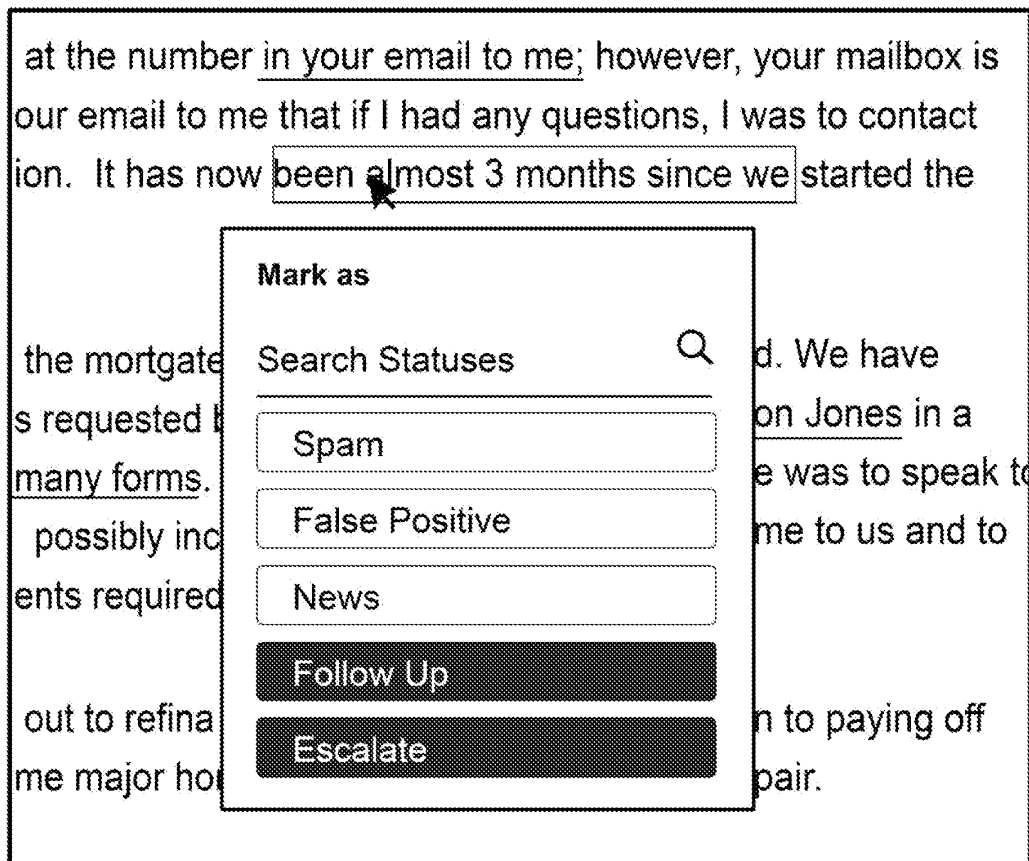


FIG. 23F

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**FIG. 24**

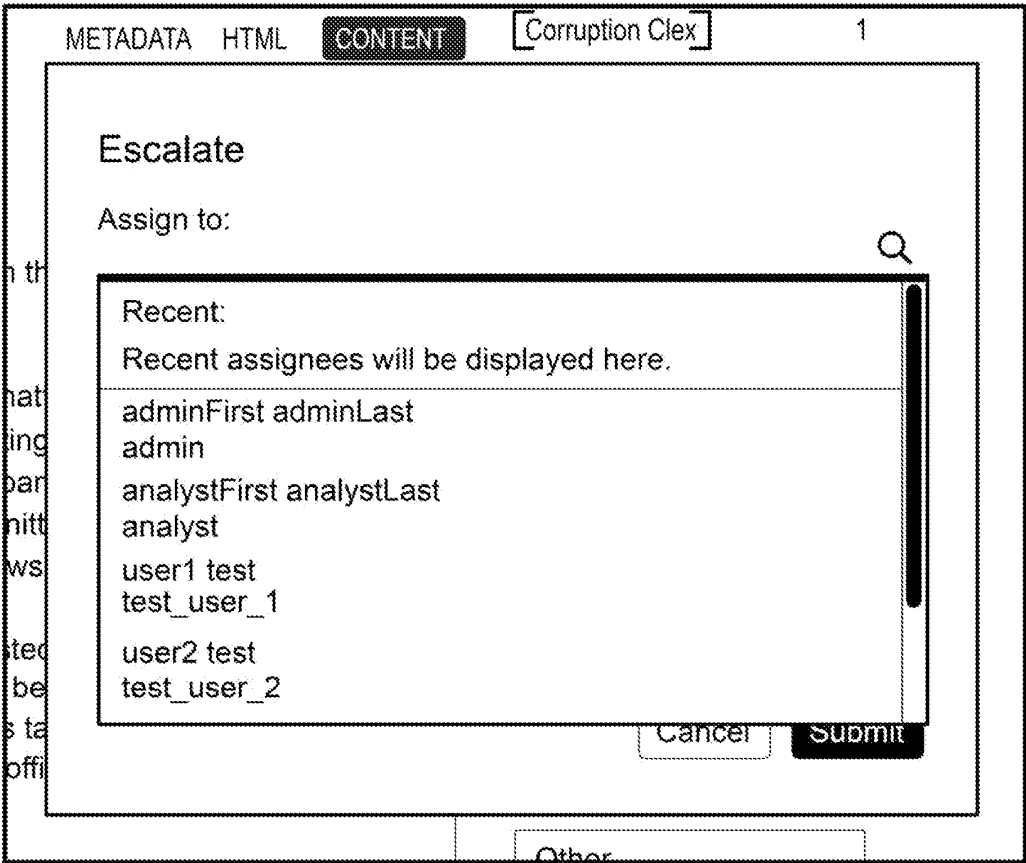
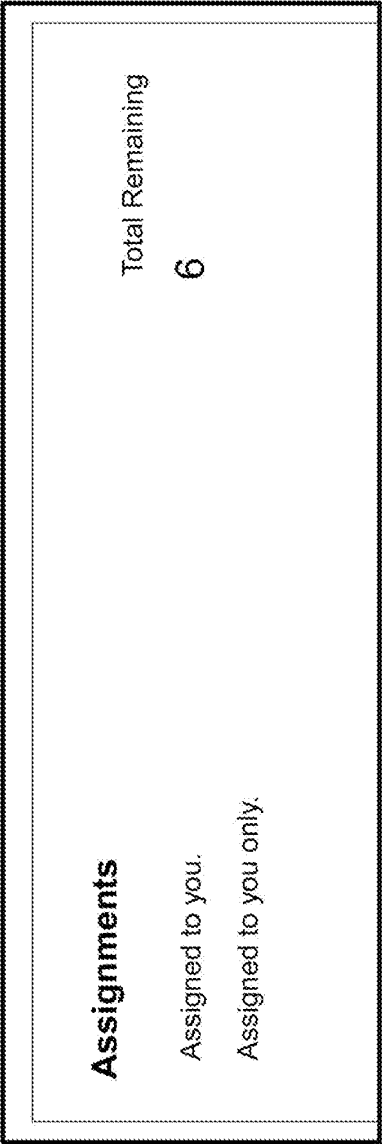


FIG. 25



**FIG. 26**