

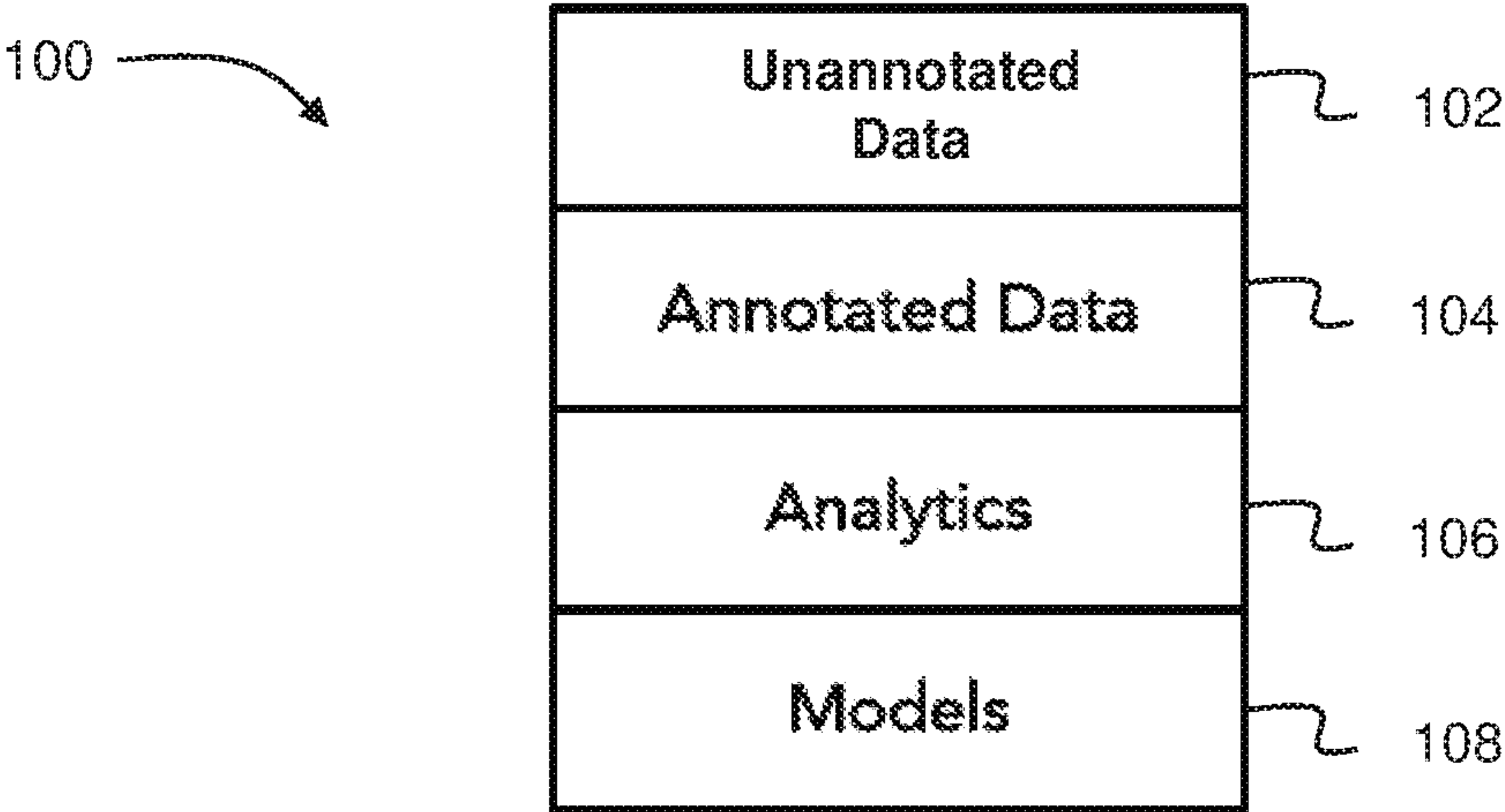


Figure 1

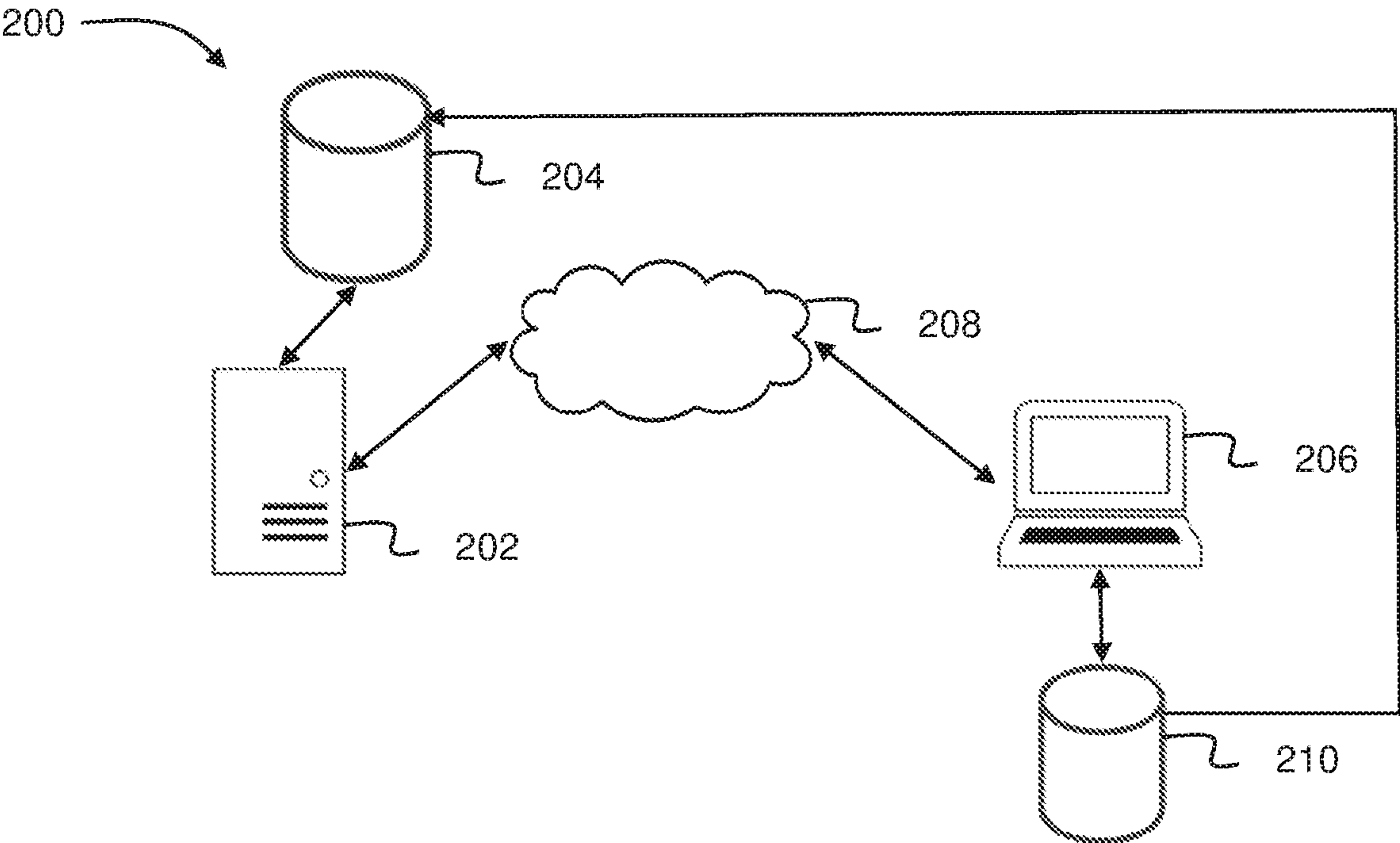


Figure 2

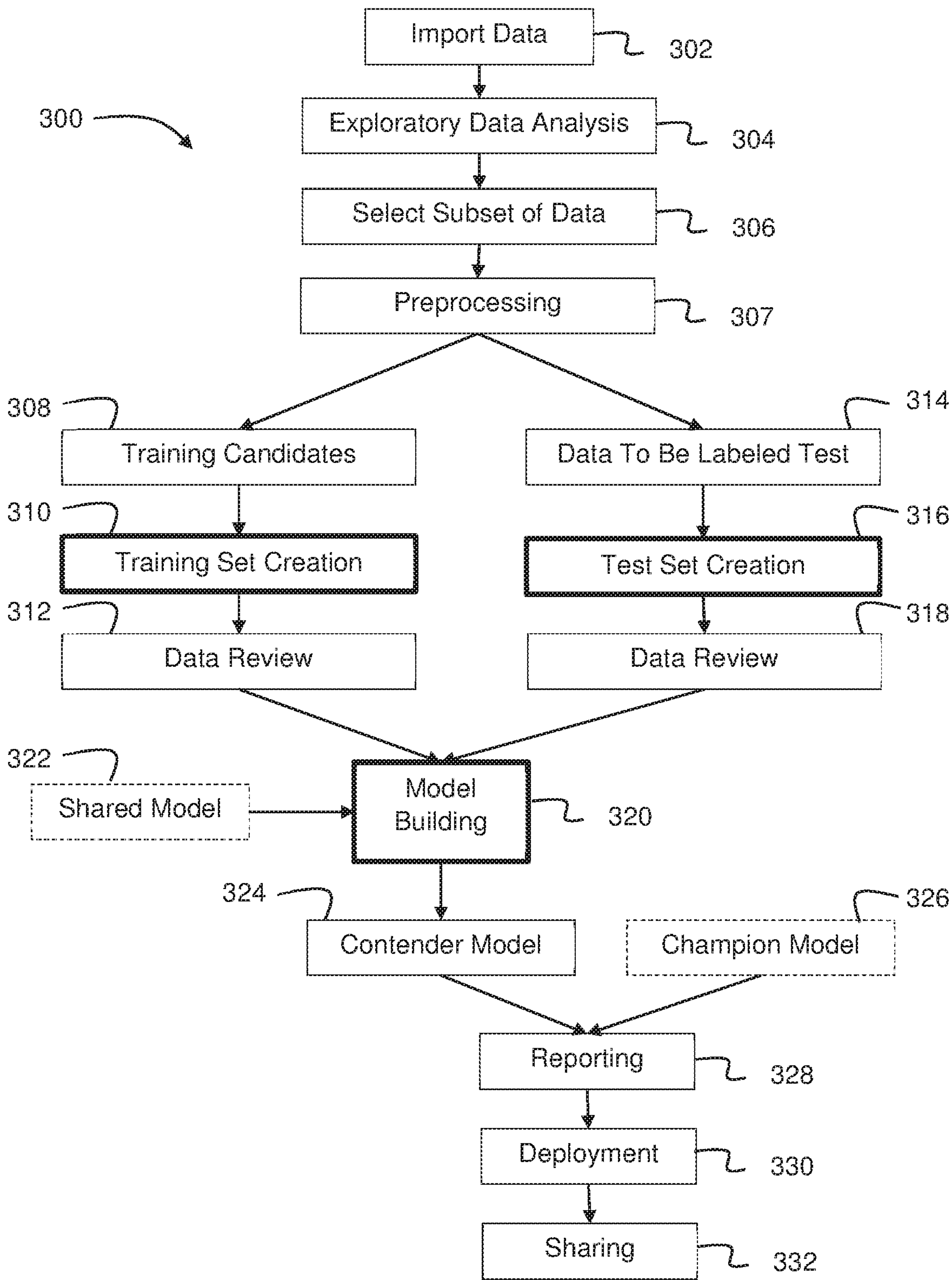


Figure 3

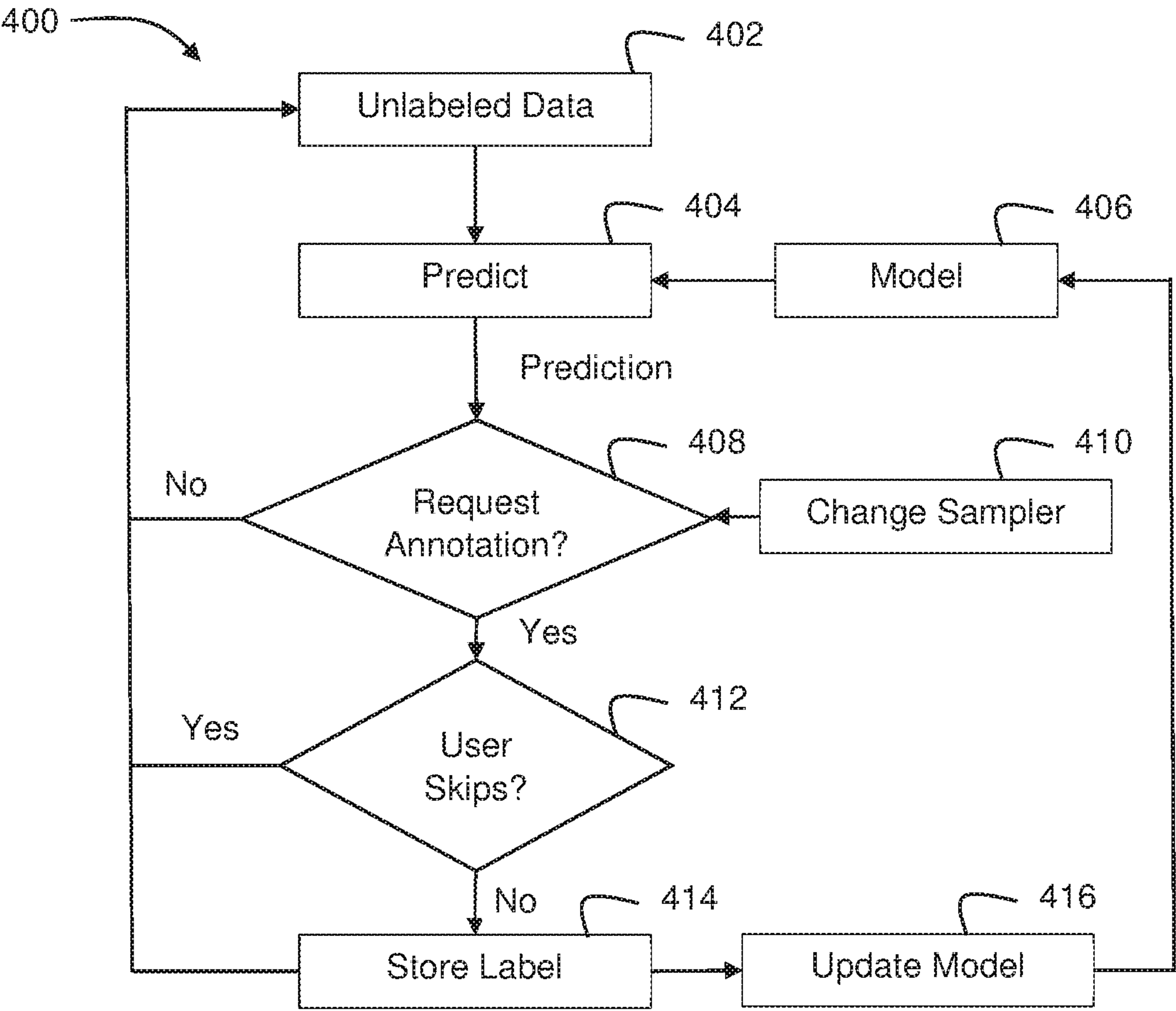


Figure 4

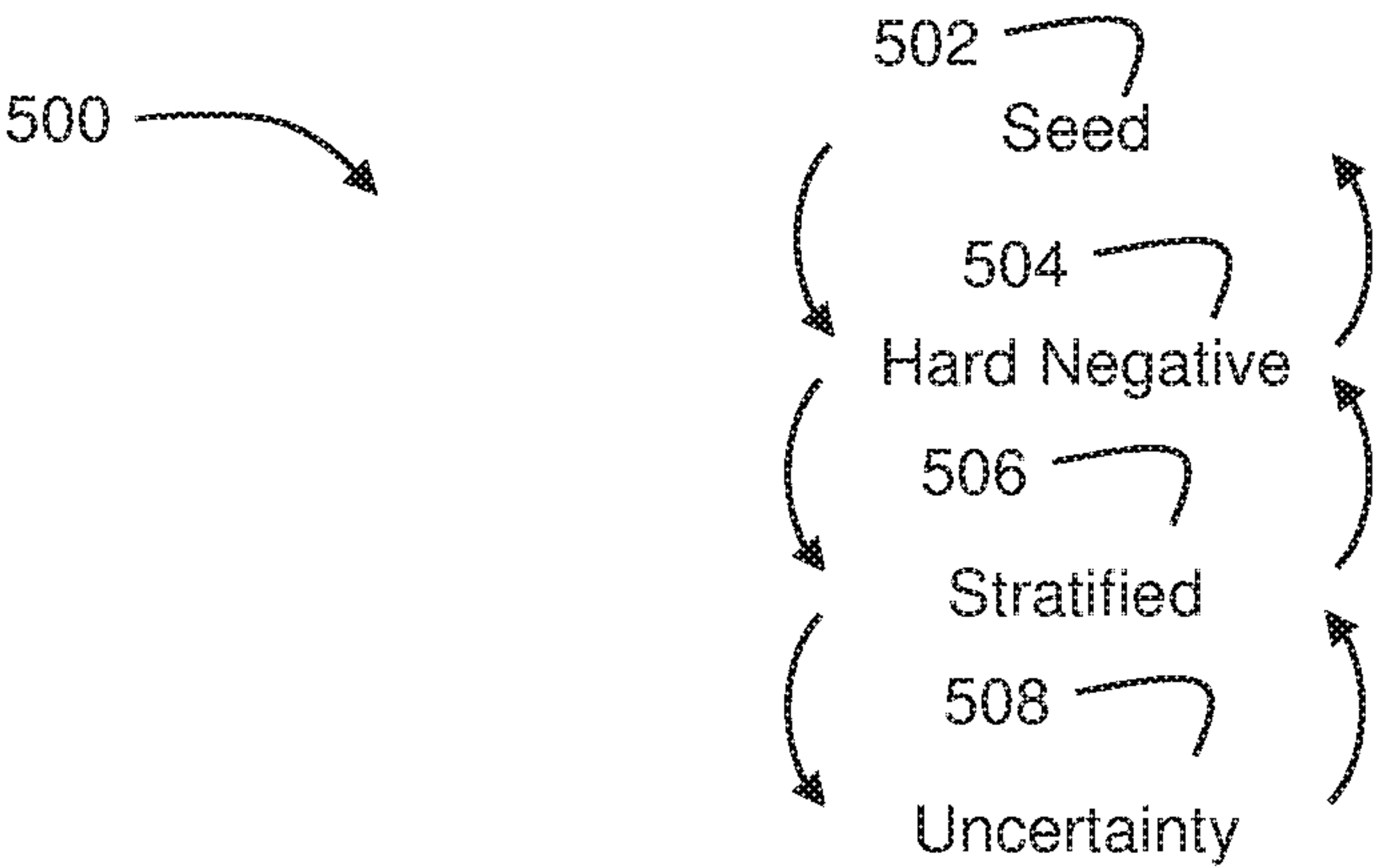


Figure 5

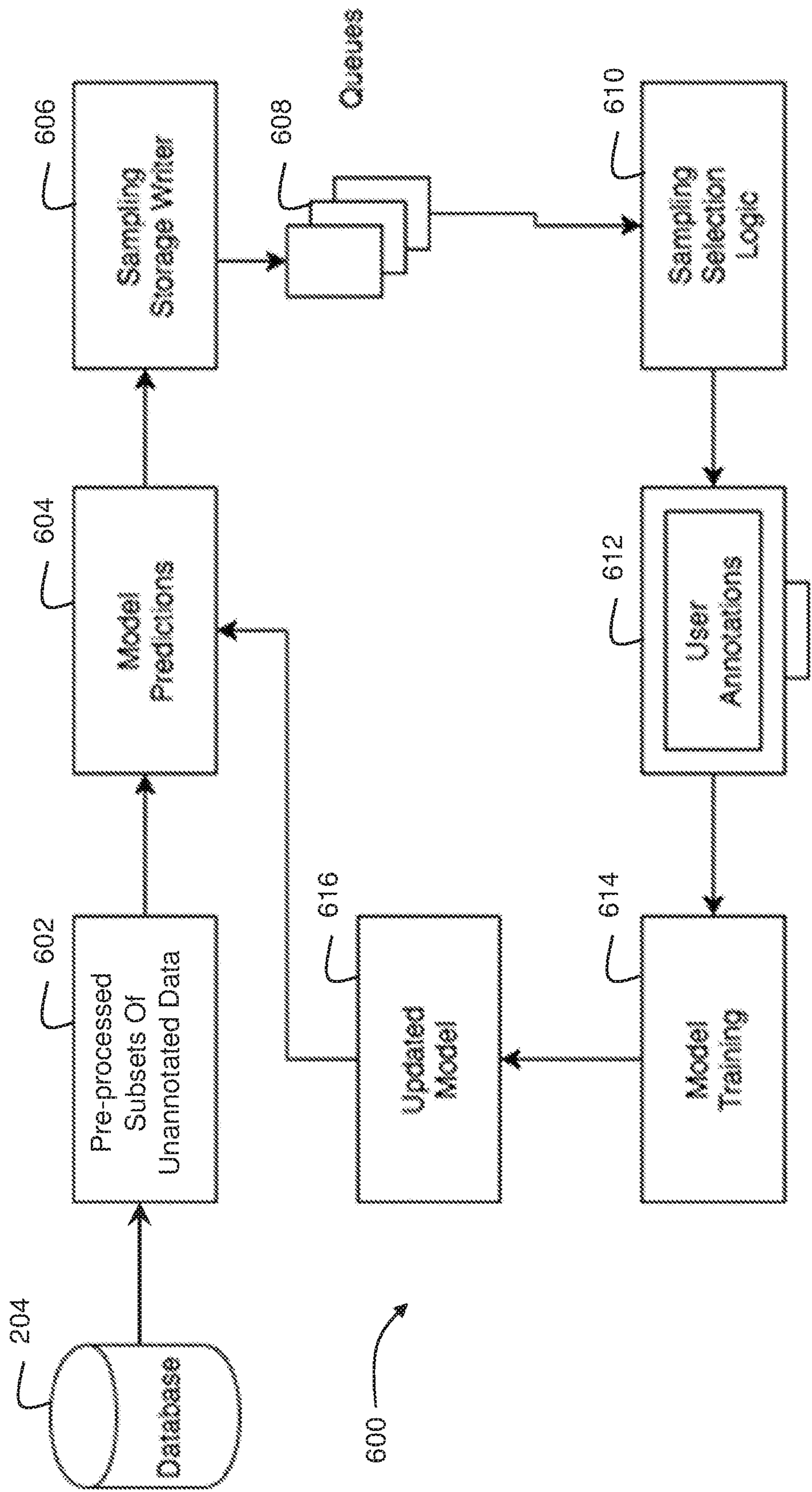


Figure 6

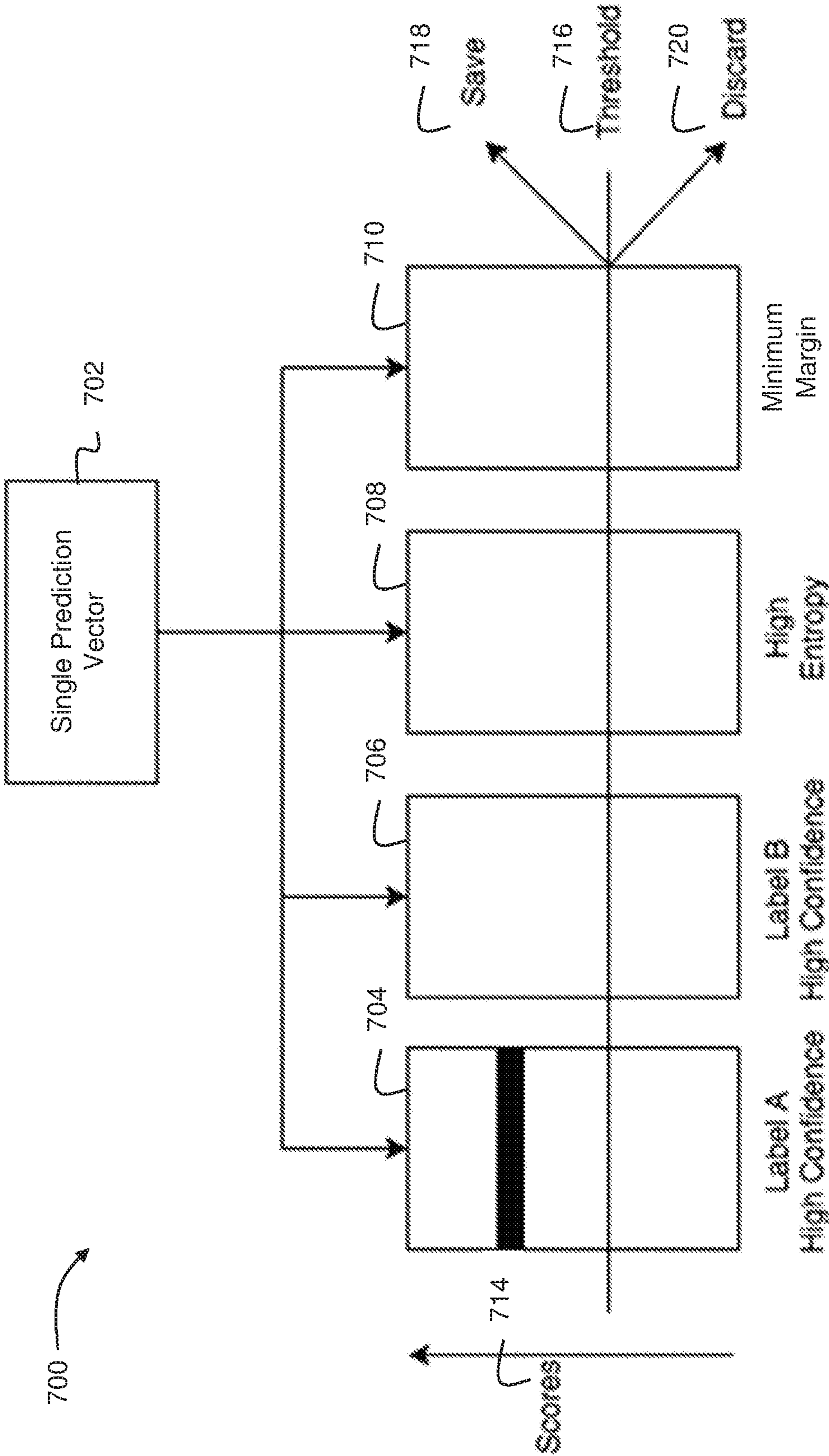


Figure 7

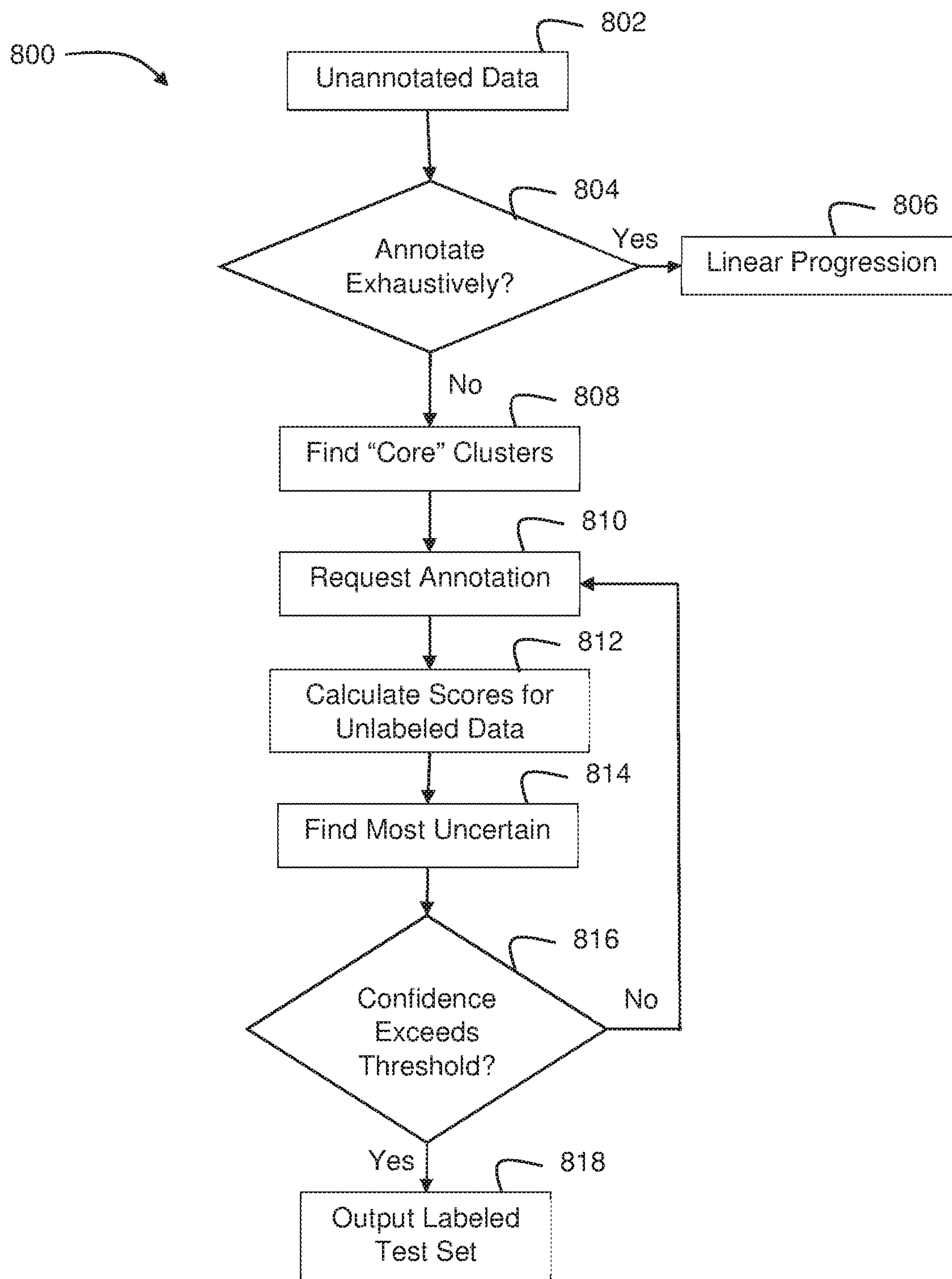


Figure 8

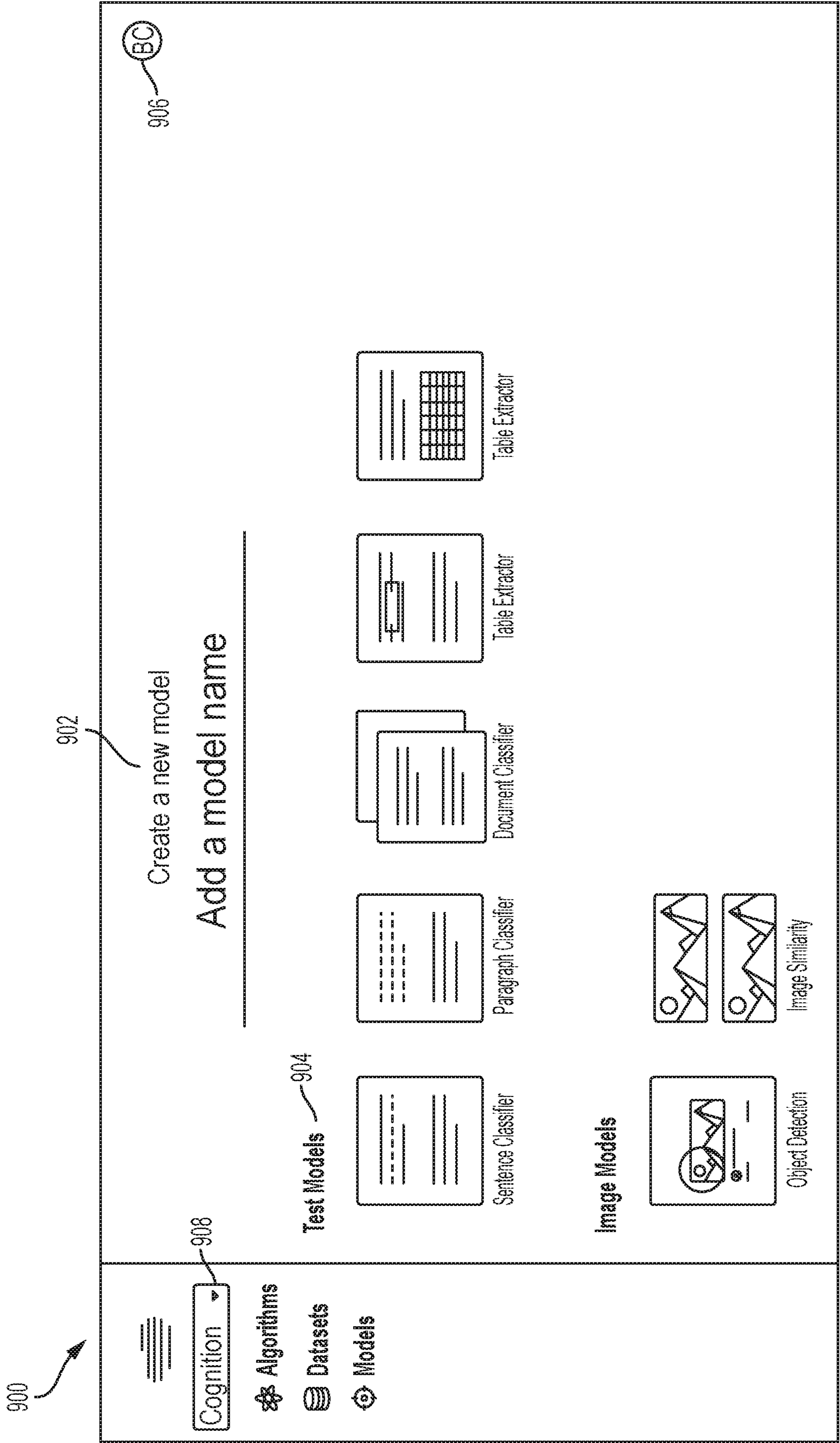


Figure 9

1000

Cognition

Annotations

Datasets

Datasets

1002

Datasets

Datasets imported

beigebook

bush52

bush52_load_test

bush52_load_test_1

bush52_load_test_2

bush52_load_test_3

bush_52

bush52_420_alpha7

docs test

docs test

earnings1000

earnings1000_again

enron

enron517_alpha8_prose

Instructions

Cognition imports data from your Synthesys knowledge graphs

Please make sure you've imported at least one to get started.

Next Steps

Create an annotation set

Figure 10

SUBSTITUTE SHEET (RULE 26)

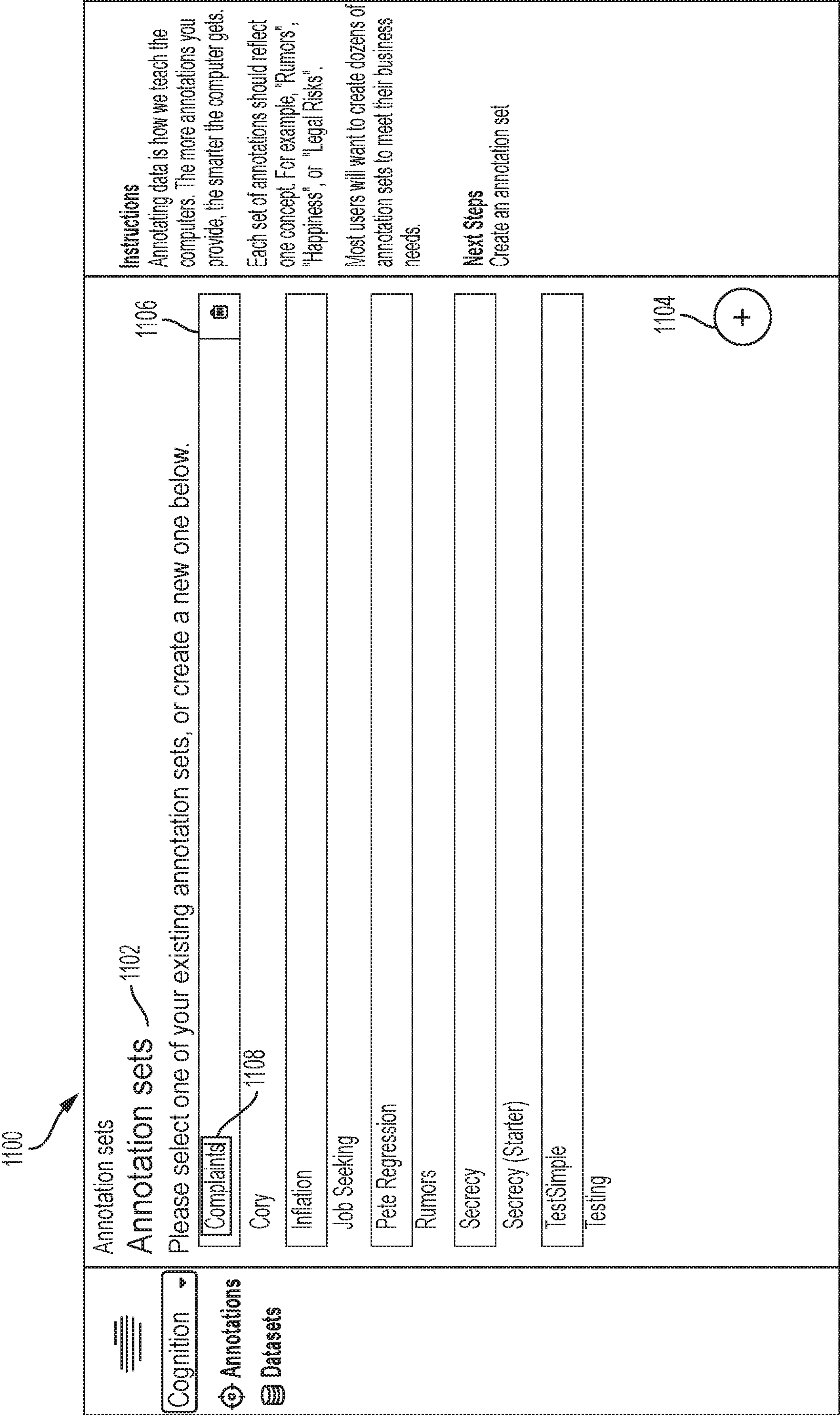


Figure 11

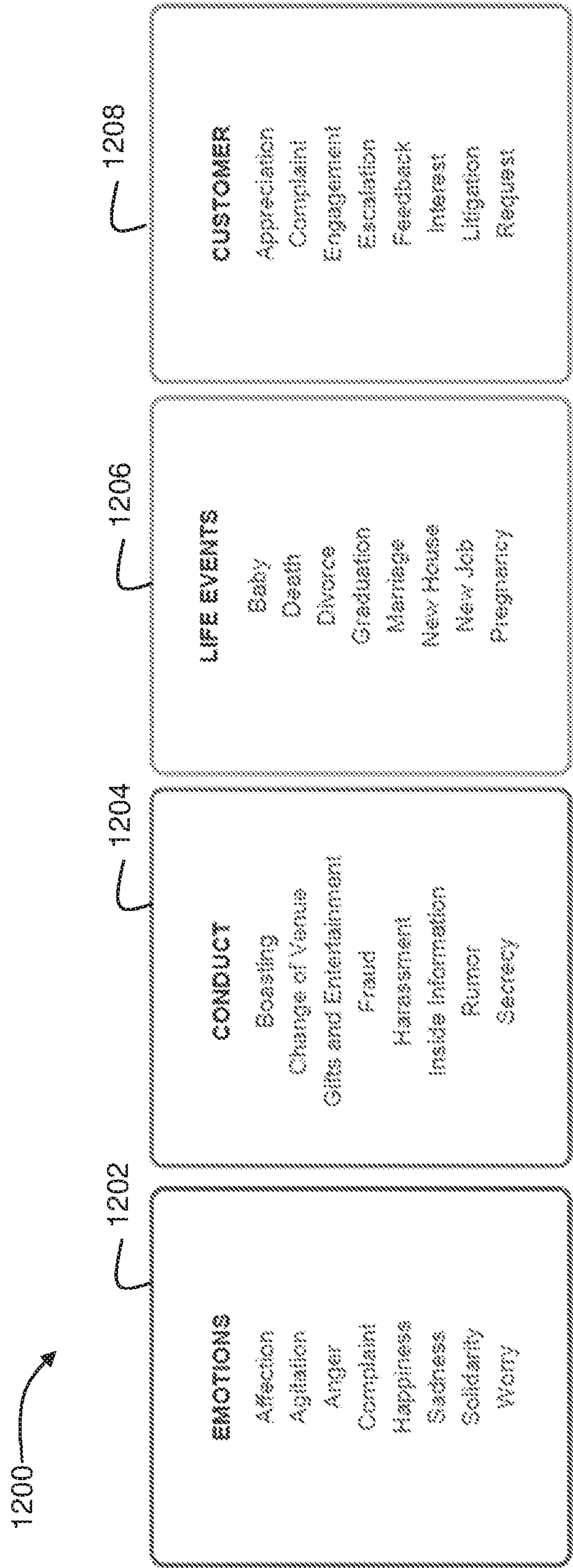


Figure 12

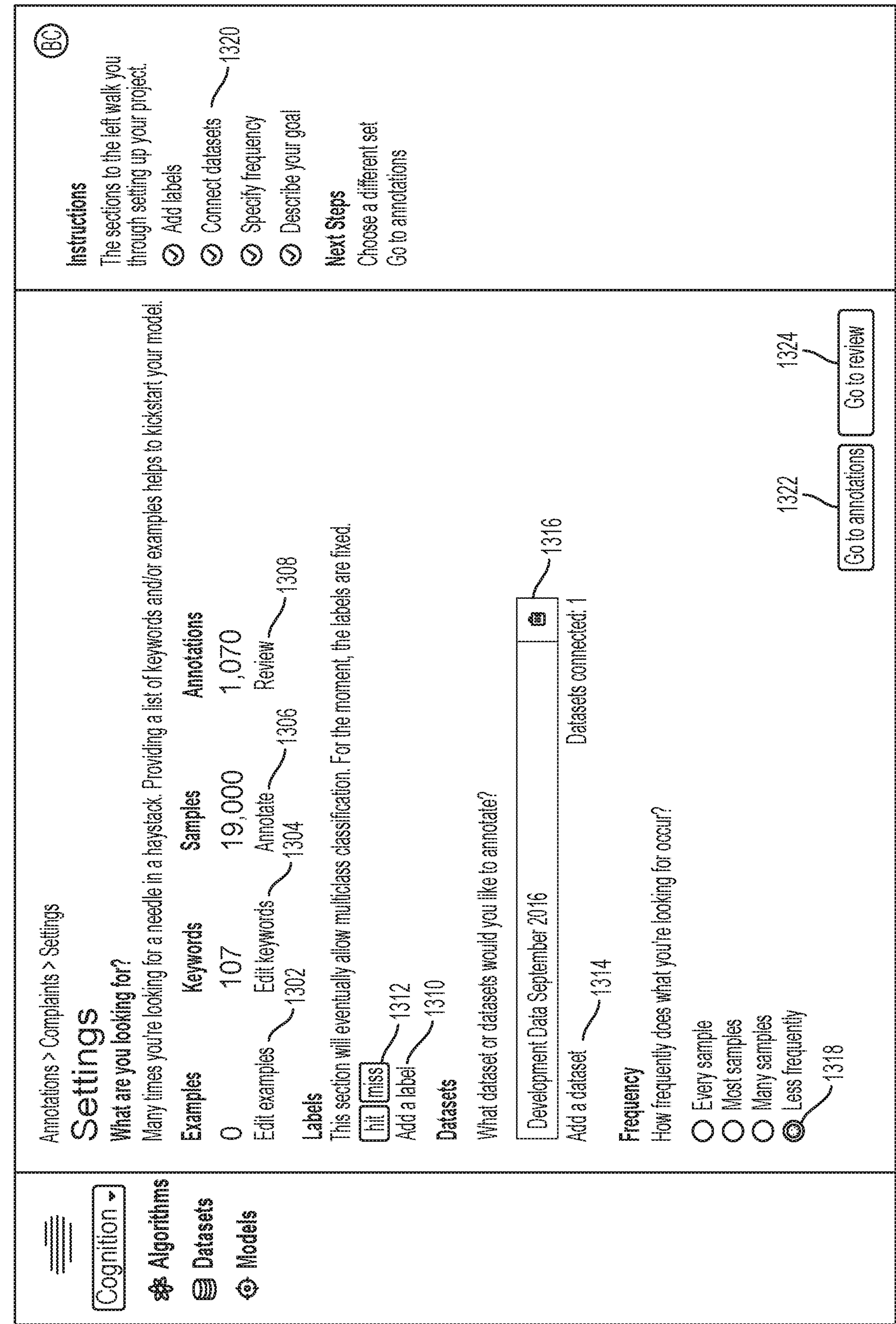


Figure 13

1400

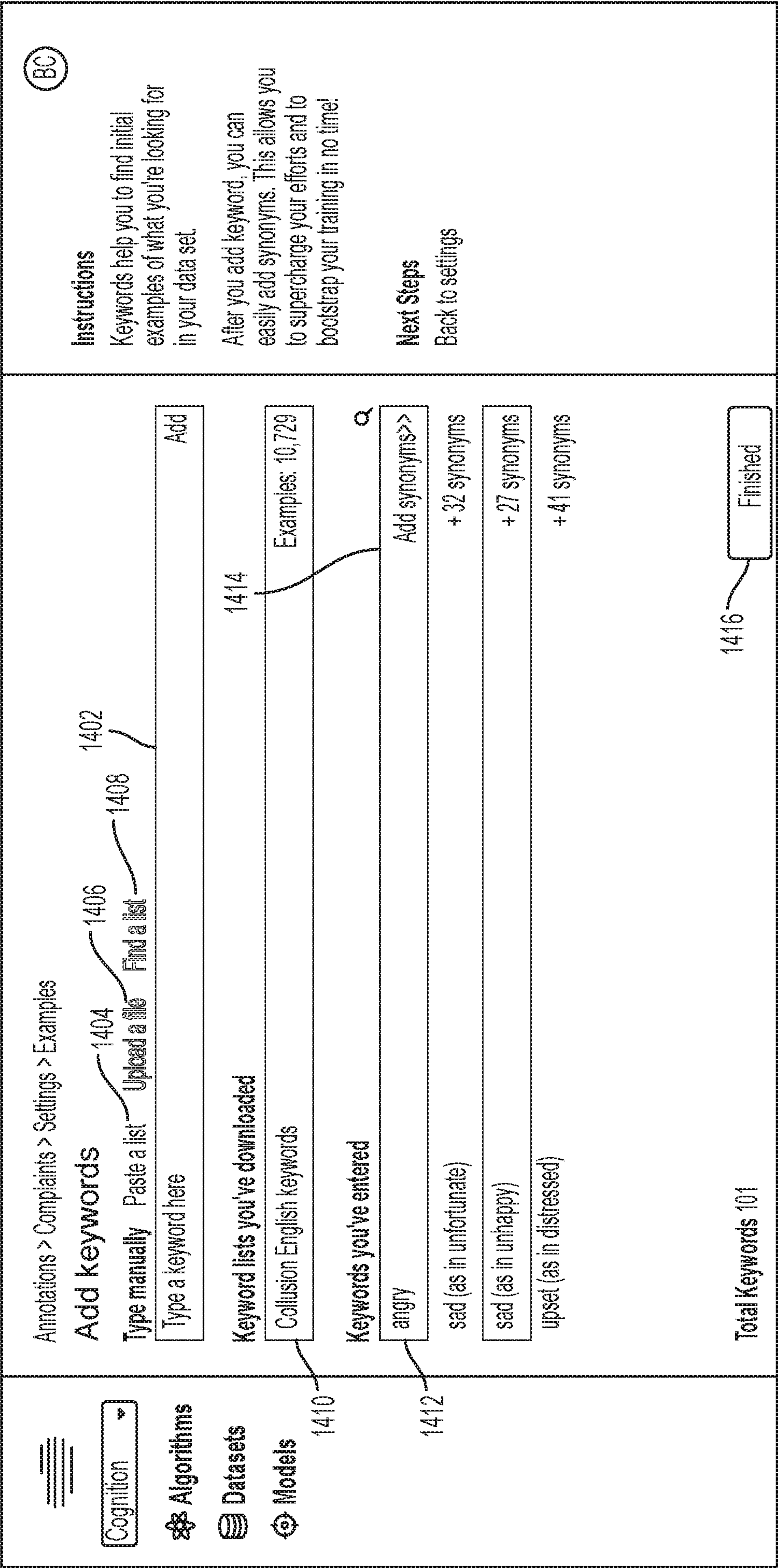


Figure 14

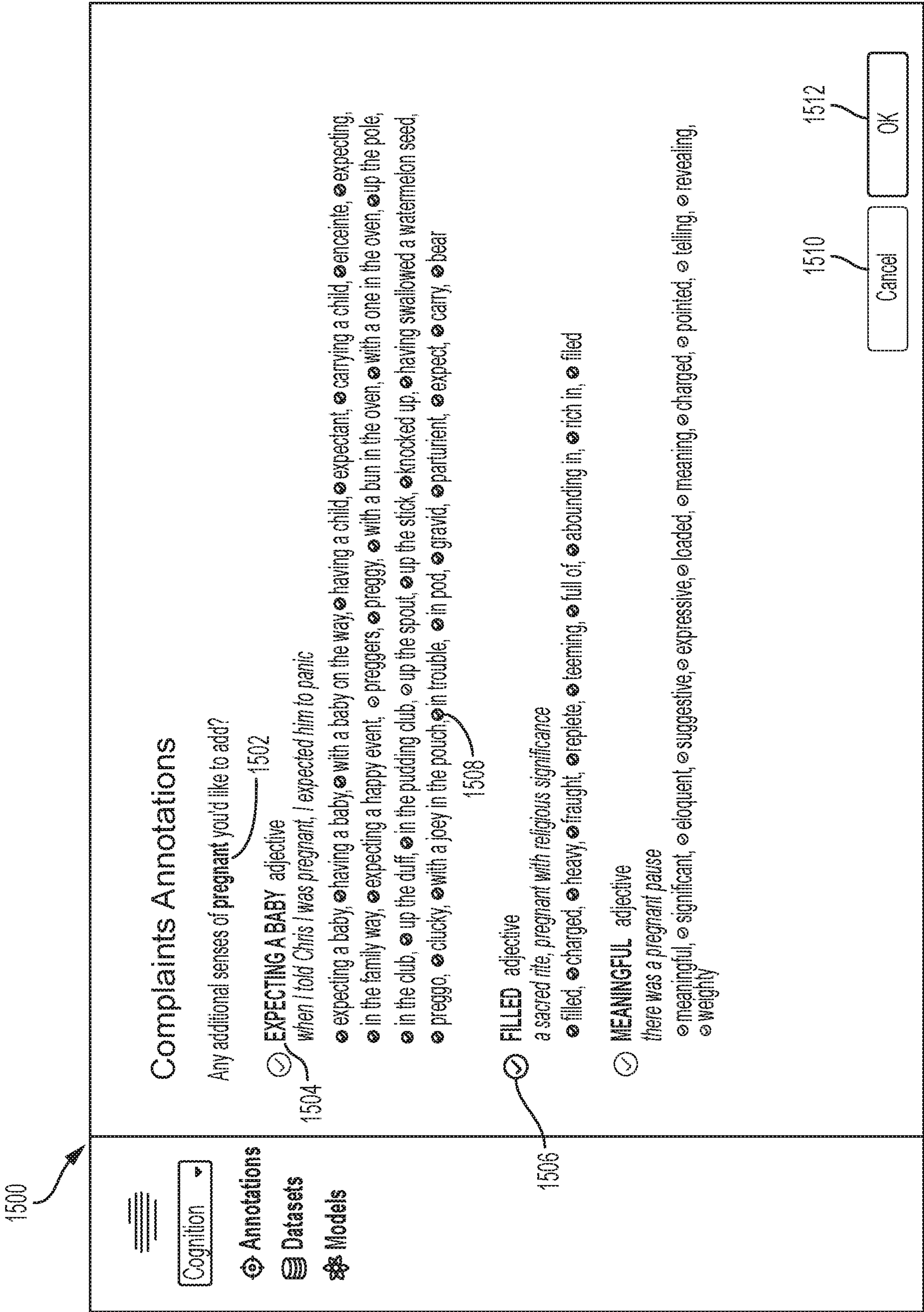


Figure 15

1600

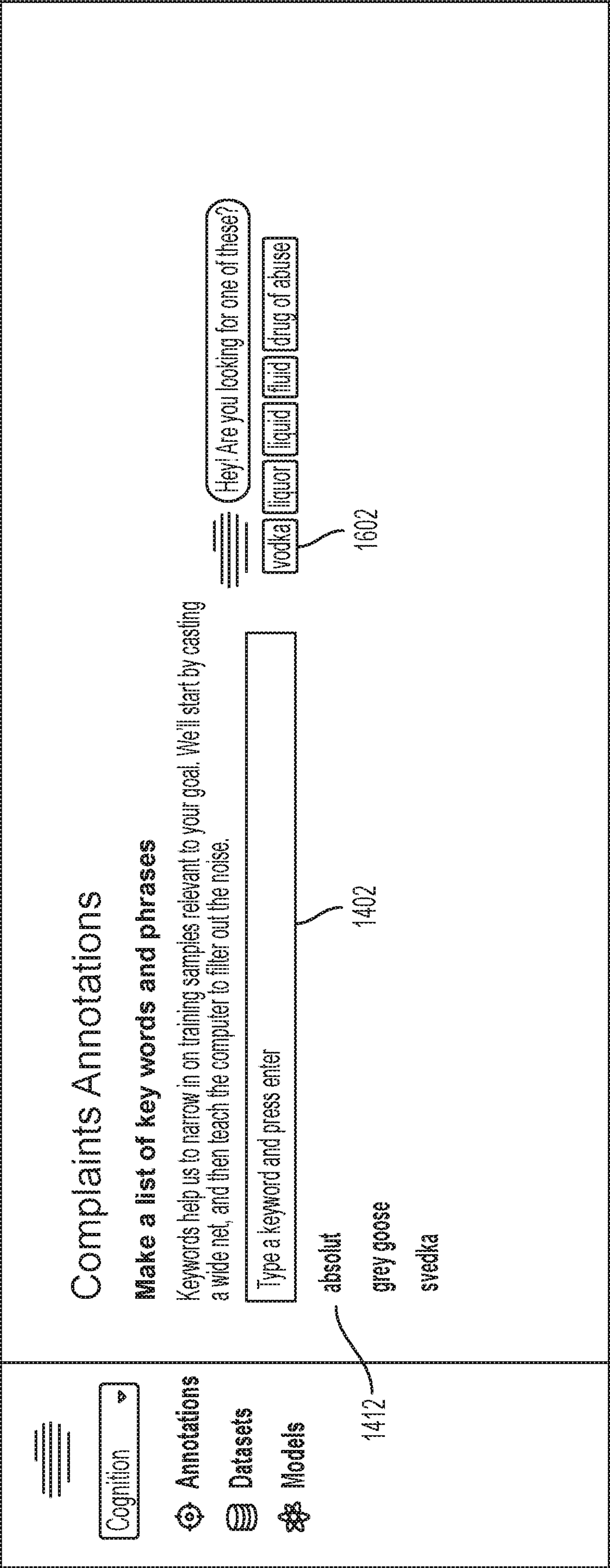


Figure 16

1700



Cognition

Annotations

Datasets

Annotation Sets > Rumors > Examples

Rumors Examples

Type examples

Paste a list

Upload a file

Connect to market

1706

Yes

Yes

No

Yes

Type an example here

1702

Add

He is nothing more than rude and fibbertigibbet.

Yes

He sold his shares immediately after the transaction, and now people are slandering him behind his back!

Yes

All this contrasted strangely with the dark, mysterious stories which were bruited abroad, touching some passages in his early life.

Yes

That's nothing but downright falsehood!

Yes

Jay-Z plays irritatingly coy with conspiracy theories: he repudiates the old illuminati canard, but it's rather disingenuous given, for example, the title of this album.

Yes

Someone blabbed that we had confidential information about values that are about to change.

Yes

I got some dirt on what happened to Bob.

Yes

Word on the street is that the brink has totally collapsed.

Yes

Apparently they dished the dirt on the deal, and it's under investigation.

Yes

without him around, his colleagues were free to gossip.

Yes

You would be perfectly justified staying out of this completely not saying anything to your bruised colleague or to the gossipers.

Total examples: 977

Finished

1708

Instructions

Examples help by giving an idea of what you're looking for.

For example, if you're looking for complaints, you might add "I'm very upset by this!"

Next Steps

Back to settings

Figure 17

1800

Cognition

Algorithms

Datasets

Models

Annotations > Complaints > Annotations

Complaints Annotations

1806

Google is the talk of the valley because we are driving up salaries across the board. It appears that somewhere in Google we are targeting eBay to "hurt them". I have directed Amon to fire the recruiter immediately for cause.

1808

The computer currently thinks is a "Yes" with X% confidence. Why?

1810

Is this an example of what you're looking for?

Yes

No

1814

BC

Training Advice

We'll automatically re-train after you annotate another 26 samples.

Train now>>

Sample selection method

Automatic

Coverage

Examples Trained

1,522

Positive Examples

6

Negative Examples

1,516

Performance

Accuracy

89%

Precision

65%

Recall

95%

F1 score

77%

Cross-validate>>

Area under ROC

80%

Figure 18

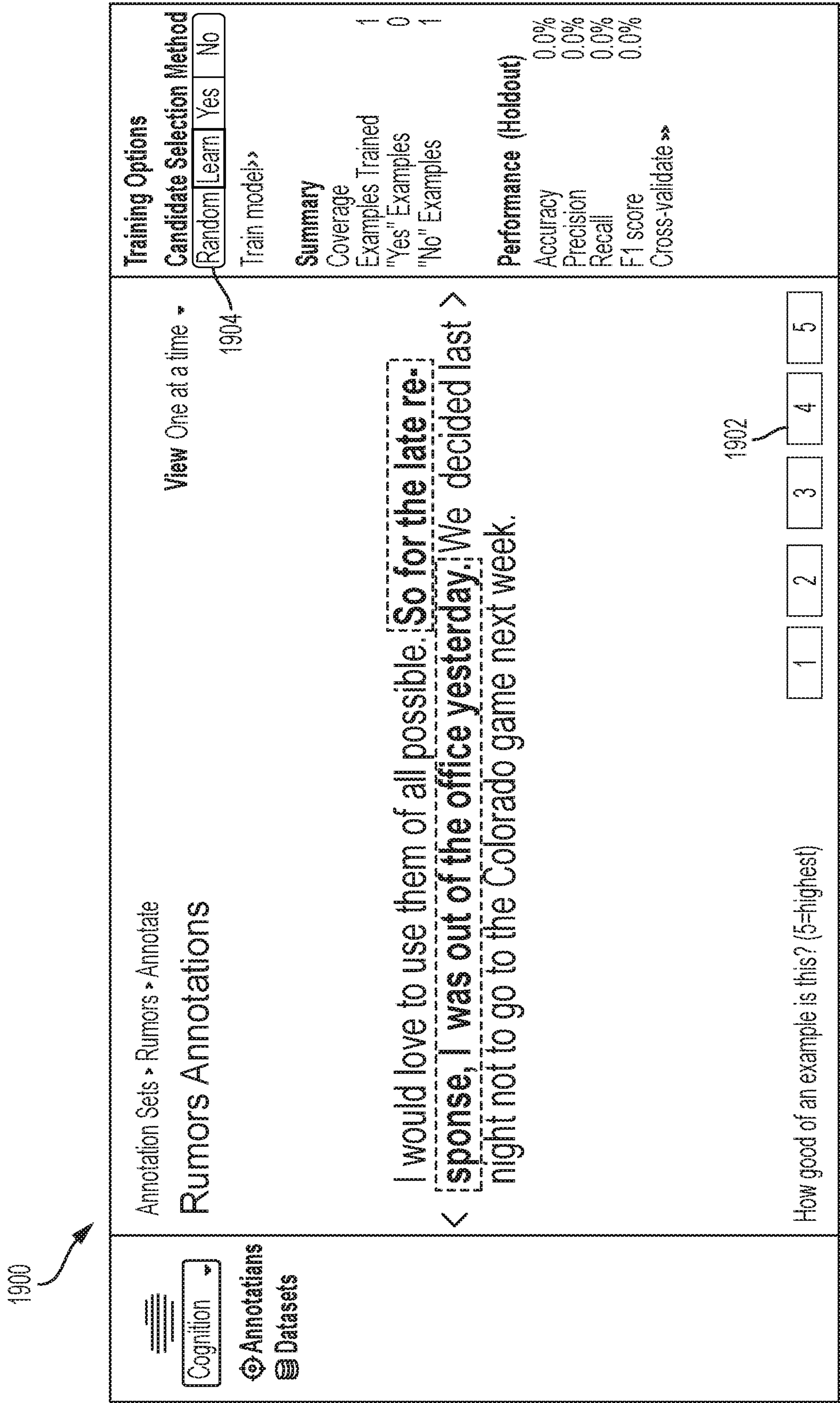


Figure 19

2000

Cognition Annotations Datasets	Annotation Sets > Rumors > Annotate Rumors Annotations 20022004 Yes No Clear < America Fights Back - The Latest: ABCNEWS.com has the latest on what's making headlines in the United States and around the world: The new government of Afghanistan will commit as many as 15,000 troops to aid the United States in its search for Osama bin Laden and members of al Qaeda, the deputy defense minister said today. > Is this an example of what you're looking for? Yes No	Training Options Candidate Selection Method Random Learn Yes No Train model>> Summary Coverage Examples Trained "Yes" Examples "No" Examples Performance (Holdout) Accuracy Precision Recall F1 score Cross-validate >> 1 0 1 0.0% 0.0% 0.0% 0.0%
---	--	--

Figure 20

2100

Cognition

Algorithms

Datasets

Embeddings

Models

Annotations > Complaints > Annotations

Complaints Annotations

2102

Search for keywords

2104

Learning

Automatic (Recommended)

Least confident

Maximum entropy

Minimum margin

Error reducing

2106

Review

Search

Review

Ignored

Flagged

Class dependent

50 to 90%

90% or higher

Top prediction

Help>>

Google is the talk of the valley because we are driving up salaries across the board. It appears that somewhere in Google we are targeting eBay to "hurt" them". I have directed Amon to fire the recruiter immediately for cause.

The computer currently thinks this is a "Yes" with X% confidence. Why?

Please select a label:

Stomach

Breast

None

ignore

BC

Figure 21

2200

Cognition

Algorithms

Datasets

Models

Annotations > Complaints > Annotations

Complaints Annotations

Google is the talk of the valley because we are driving up salaries across the board. It appears that somewhere in Google we are targeting eBayer to "hurt" them. I have directed Amon to fire the recruiter immediately for cause.

The computer currently thinks this is a "Yes" with X% confidence. Why?

Is this an example of what you're looking for?

Yes

No

targeting

2204

2202

BC

Training Advice

You might also search for:

cancer

leukemia

chemotherapy

aids

cystic fibrosis

Sample selection method

Keyword: "targeting"

Coverage

Examples Trained 1,522

Positive Examples 6

Negative Examples 1,516

Performance

Accuracy 89%

Precision 65%

Recall 95%

F1 score 77%

Cross-validate >>

Figure 22

2300

Cognition

Algorithms

Datasets

Models

Annotations > Complaints > Annotations

Complaints Annotations

<

Google is the talk of the valley because we are driving up salaries across the board. It appears that somewhere in Google we are targeting eBay to "hurt" them". I have directed Amon to fire the recruiter immediately for cause.

The computer currently thinks this is a "Yes" with X% confidence. Why?

Is this an example of what you're looking for?

Yes

No

Training Advice

We'll automatically re-train after you annotate another 26 samples.

Train now >>

Sample selection method

Automatic

Coverage

Examples Trained

Positive Examples

Negative Examples

1,522

6

1,516

Data Map

2302

2306

2304

Figure 23

SUBSTITUTE SHEET (RULE 26)

2400

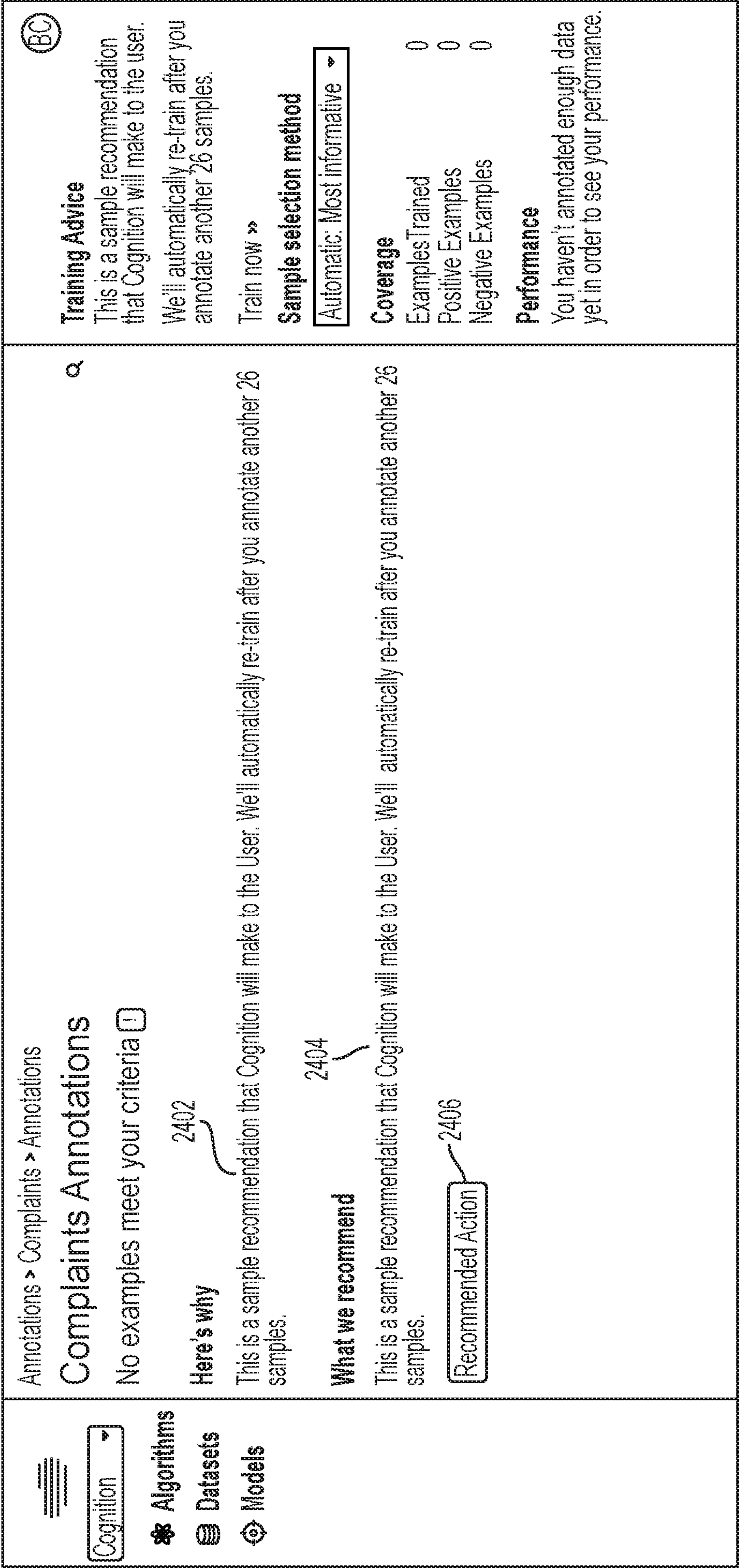


Figure 24

2500

Cognition

Annotations

Datasets

2502

Annotation Sets > Inflation > Review

Inflation Annotations

Download

View Review

Label	Sample	Annotation Date
Yes	Price inflation for final goods	2017-05-09
Yes	Overall price inflation remained modest, while wage inflation was moderate.	2017-05-09
No	Overall price inflation was slight, while wage inflation was moderate.	2017-05-09
Yes	Consumer price inflation pressures remained subdued.	2017-05-09
Yes	Prices and Wages Overall price inflation continued to firm somewhat.	2017-05-09
Yes	Wage inflation remained moderate overall.	2017-05-09
Yes	Few signs of inflation were noted.	2017-05-09
Yes	Price inflation remained modest according to contacts.	2017-05-09
Yes	Overall price inflation was modest.	2017-05-09
Yes	Overall price and wage inflation remained modest.	2017-05-09
Yes	Retail price inflation edged up in Richmond.	2017-05-09
Yes	Overall price and wage inflation remained modest.	2017-05-09
Yes	Most respondents expect inflation to remain stable, although roughly one-third anticipate an increase in inflation in coming quarters.	2017-05-09
Yes	Rising gas prices and inflation remain a concern.	2017-05-09

Figure 25

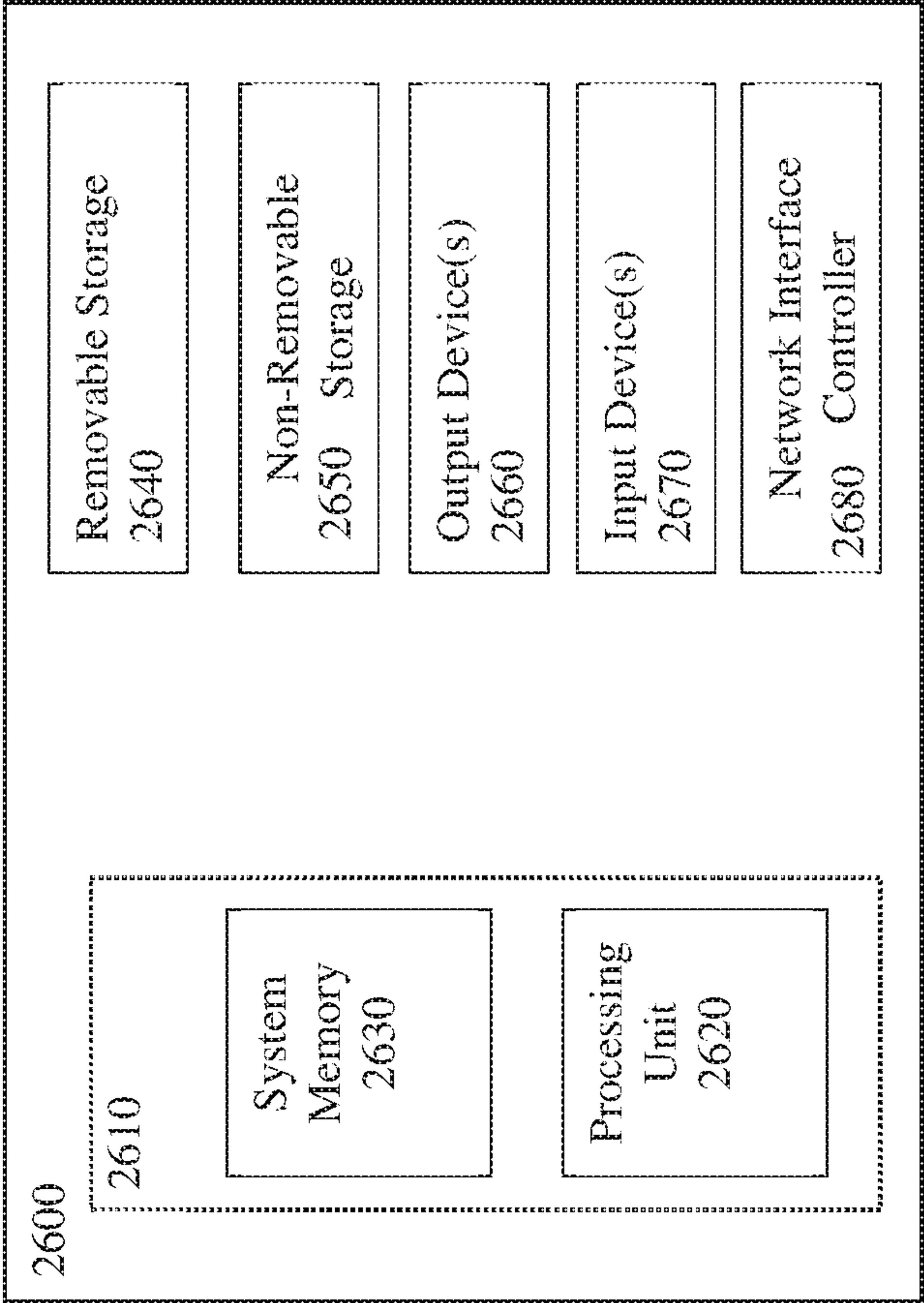


Figure 26