



# Juristat Search

"neural network" + computer

**Neural Network Verification**  
Filing 2017-01-20 ♦ Publication 2017-07-20 ♦ Status Pending ♦ App. No. 15/327.776  
Art Unit 2122 ♦ USPC Class 706 ♦ Examiner CHAKI, KAKALI ♦ Inventor N/A  
Assignee HEWLETT PACKARD ENTERPRISE COMPANY ♦ Firm N/A

... One example method may be embodied on a non-transitory computer-readable medium storing computer-executable instructions. When executed by a computer, the instructions may cause the computer to train a neural network with a training data set to perform a task. The instructions may also cause the computer to train the neural network with a sentinel data set. ... The instructions may also cause the computer to train the neural network with a sentinel data set. ... The instructions may also cause the computer to train the neural network with a sentinel data set. ... The instructions may also cause the suspicious service operates an unauthorized copy of the neural network. ...

**Neural Network System And Method For Factory Floor Scheduling**  
Filing 1993-03-16 ♦ Grant 1995-07-11 ♦ Publication N/A ♦ Status Allowed ♦ App. No. 08/031.954  
Art Unit 2308 ♦ USPC Class 395 ♦ Examiner SHAPIRO, STUART B. ♦ Inventor KIM, JONG H.  
Assignee N/A ♦ Firm DORSEY AND WHITNEY LLP

Methods are developed on a digital computer for performing work scheduling. The computer enables scheduling heuristic knowledge from a scheduler to be embodied in an artificial neural network. The neural network rules explicitly. ...

**Control Device, Control Program, And Control Method**  
Filing 2009-09-21 ♦ Publication 2010-04-01 ♦ Status Abandoned ♦ App. No. 12/843.620  
Art Unit 3974 ♦ USPC Class 999 ♦ Examiner KOONTZ, TAMMY J ♦ Inventor Matsushita  
Assignee TOSHIBA CORP. ♦ Firm GREER, BURNS & CRAIN, LTD.

According to one embodiment, a control device that controls operation of a system includes a first selecting module, a second error measuring module, a determining module, and a control module. The first selecting module selects a first neural network different in network configuration from each other. The second selecting module selects a second neural network different from the neural networks. The control error measuring module measures first control error in control by the first neural network. The determining module compares the first control error and the second control error. The control module controls the operation of the system by the second neural network. The determining module compares the first control error and the second control error measuring module, and determines a neural network with less control error. The control module controls the operation of the system by the second neural network.

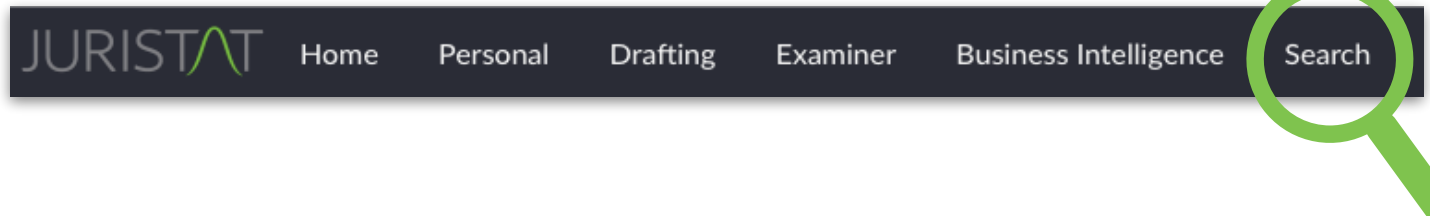
**Welcome to Search**  
Quickly and easily locate information about individual applications, examiners, patents, firms, companies, art units, classes, and more.

**Juristat Search** enables you to quickly locate information about individual applications, examiners, or patents, but also provides the ability to find information about specific firms, companies, art units, and classes. For example, you can:

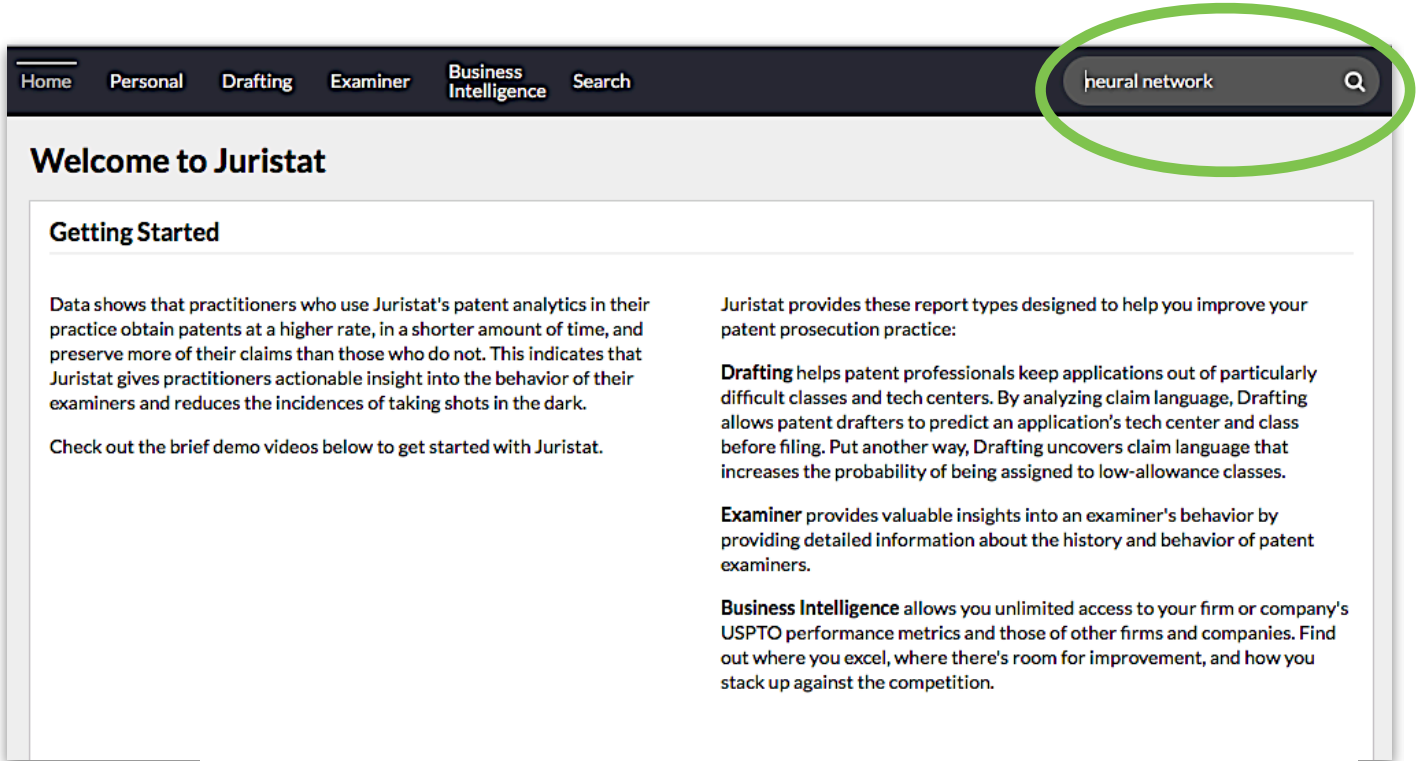
- Find other examiners who issued rejections based on the same prior art as yours—and how previous applicants overcame them.
- See the companies that file the most applications in the classes where your firm excels.
- Identify law firms that file the most applications in a particular art unit.

## Accessing Juristat Search

If you have a Juristat subscription, you already have access to Juristat Search. To access it, just click the “Search” tab in the top navigation bar of the Juristat app.



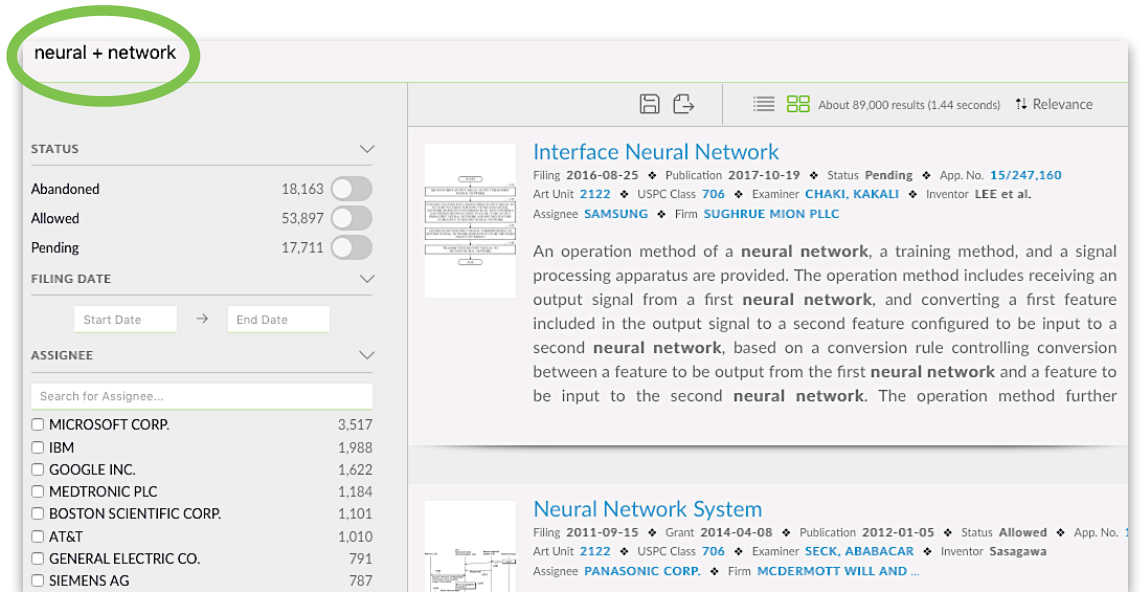
Or, you can do a quick text search by clicking on the magnifying glass icon in the upper right corner, typing in your keywords, and pressing enter/return.



## Searching Patent Applications

Search for applications by typing keywords into the search box at the top of your screen. Juristat Search will look for your keywords in the text of applications, patents, office actions, appeals (where available), and the associated metadata.

For instance, the keywords entered in the example to the right will look for the words “neural” and “network” and will return only applications in which both of those words appear in the text or metadata.



# Searching with Lucene Operators

Juristat Search supports searching with Lucene Operators (as seen in the example above). The most common Lucene Operators are as follows:

Operator	Function
+	Signifies AND operation
	Signifies OR operation
-	Negates a single token
“	Wraps a number of tokens to signify a phrase for searching
* at the end of a term	Signifies a prefix query
(and)	Signifies precedence
~N	A proximity search

## Examples:

- **neural network** will search for either the words *neural* or *network* in an application's text or its associated documents.
- **artificial+intelligence+(software|program)** will search for applications in which both the words *artificial* and *intelligence* appear and the word *software* or the word *program* appear in the application or its associated documents.
- **“computer terminal”~3** will search for applications in which the words *computer* and *terminal* appear within three words of each other.

## Filtering Search Results

The screenshot shows a search interface with several filter sections:

- STATUS:** Abandoned (0), Allowed (0), Pending (17,663) with a green toggle.
- FILING DATE:** Start Date → End Date.
- ASSIGNEE:** Search for Assignee... with a list of companies and their application counts:
  - MICROSOFT CORP. 529
  - IBM 494
  - GOOGLE INC. 324
  - AT&T 281
  - SAMSUNG 206
  - MEDTRONIC PLC 191
  - QUALCOMM INC. 146
  - BOSTON SCIENTIFIC CORP. 139
  - INTEL CORP. 120
  - UNIVERSITY OF CALIFORNIA 118
- FIRM:** Search for Firm... with a list of law firms and their application counts:
  - KNOBBE, MARTENS, OLSON, & BE... 258
  - FISH AND RICHARDSON 251
  - SCHWEGMAN LUNDBERG AND W... 209

Filter your search results by application status, filing date, assignee, firm, art unit, USPC/CPC class, or customer number to drill down to the information you really need.

Filters can also be a useful way to find out which firms and companies file the most applications in a specific art unit or class. Just select the art unit(s) or USPC or CPC class(es) you're interested in and the application counts next to the firms and assignees in the filter section will update to provide the number of applications filed in those art unit(s) or class(es) by each firm or assignee.

***Juristat Tip:*** Research your competitors, potential clients, or outside counsel by seeing who files the most applications in a particular area and learn how they're performing by accessing their *Juristat Business Intelligence* report. Learn more about [\*\*\*Juristat Business Intelligence\*\*\*](#).

# Saving Searches

You can save your searches in order to run them again by clicking the disk icon at the top of the results table. When you save your search results, the saved search includes any text you searched for and any filters you applied.



### Save current search

Add Name... ✓ ✕

Add Description... ✓ ✕

Add Labels... ✓ ✕





Add labels separated by commas and/or spaces

[Save](#) [Cancel](#)



When saving, you have the option to name your search, add a description, and add tags (separated by spaces or commas). When viewing your saved searches, tags allow you to group them together to easily see all related searches.

To access your saved searches, hover over your username in the upper right corner and click "Search History." Once there, click on the "Saved" tab to view your saved searches.

You can re-run your search at any time by clicking the query for any saved search. In the example below, to re-run the first saved search, you would click where the query reads "Examiner: 30663886."

Date ↓	Details	Query	Type	Results
01/24/2018 at 1:22pm	<b>Examiner Davis</b> A search of all of Examiner Antoine Davis's applications <a href="#">Add Labels...</a>	Examiner: 30663886	All Text Fields	11,224  
01/24/2018 at 1:21pm	<b>Business Methods</b> <a href="#">Add Description...</a> <a href="#">Class</a> <a href="#">705</a>	Application Status: Pending Current Firm: cantor colburn USPC Class: DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, ...	All Text Fields	190  

You can also share your saved searches using the copy button in your saved search results. Clicking the copy button will copy the URL of your search, including any filters, so that you can easily paste it into an email or document to share with a colleague.

Date ↓	Details	Query	Type	Results	
01/24/2018 at 1:22pm	<b>Examiner Davis</b> A search of all of Examiner Antoine Davis's applications <i>Add Labels...</i>	<b>Examiner:</b> 30663886	All Text Fields	11,224	
01/24/2018 at 1:21pm	<b>Business Methods</b> <i>Add Description...</i> <input type="button" value="Class"/> <input type="button" value="705"/>	<b>Application Status:</b> Pending <b>Current Firm:</b> cantor colburn <b>USPC Class:</b> DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, ...	All Text Fields	190	

## Exporting Searches



After you've run a search, you also have the option to export your search results (up to 1,000 results) to a .csv file by clicking the export icon at the top of the results table. Exporting your results to a .csv file provides additional information about each application, including some assignment history and continuation information.

## Try Juristat Search Today

Just head over to [juristat.com](http://juristat.com) to create your free account. If you have any questions or would like a personalized demo of any of our products, don't hesitate to [contact us](#).