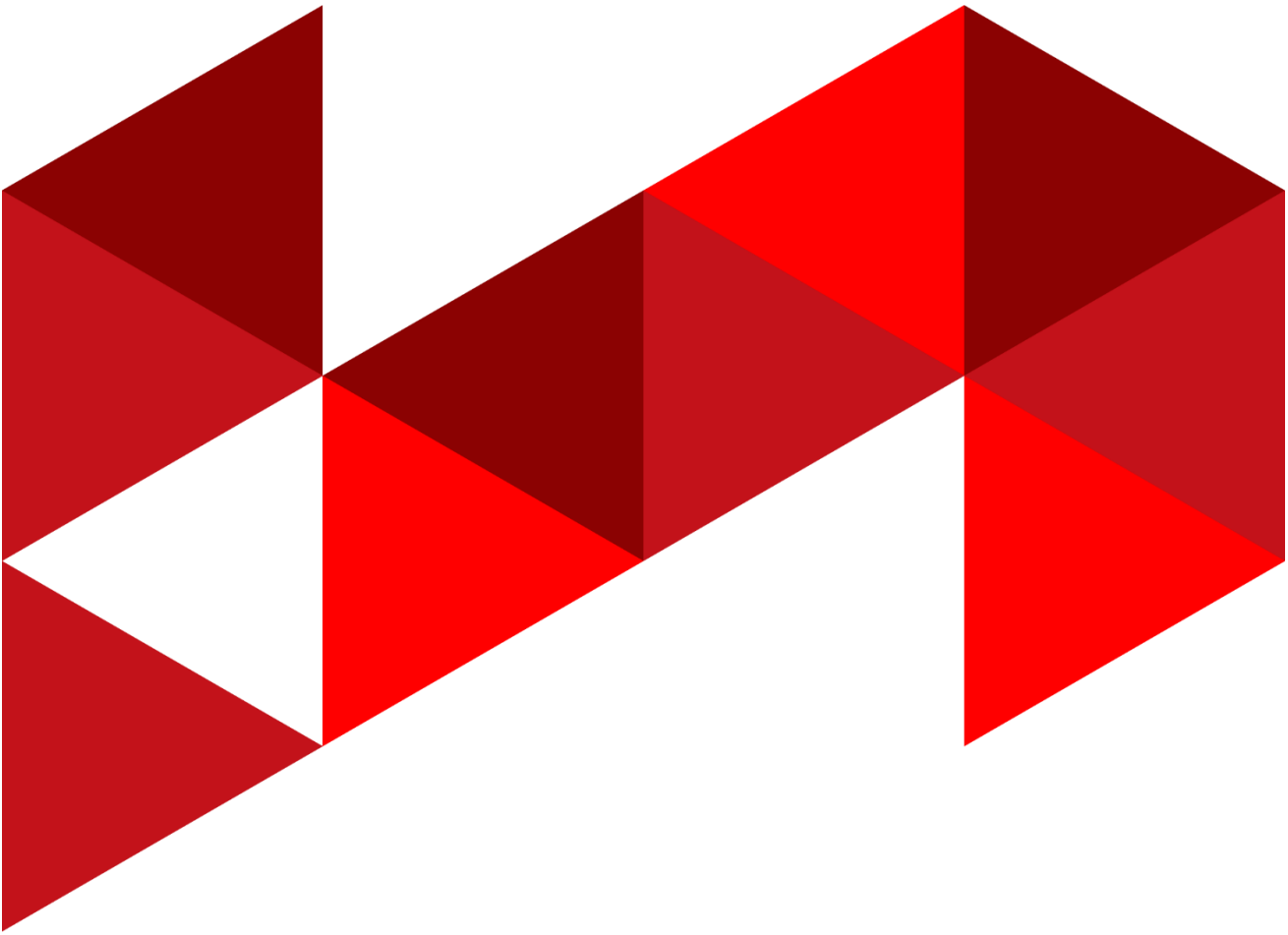
xlscout

COMPANY
EXPLORER

COMPANY EXPLORER

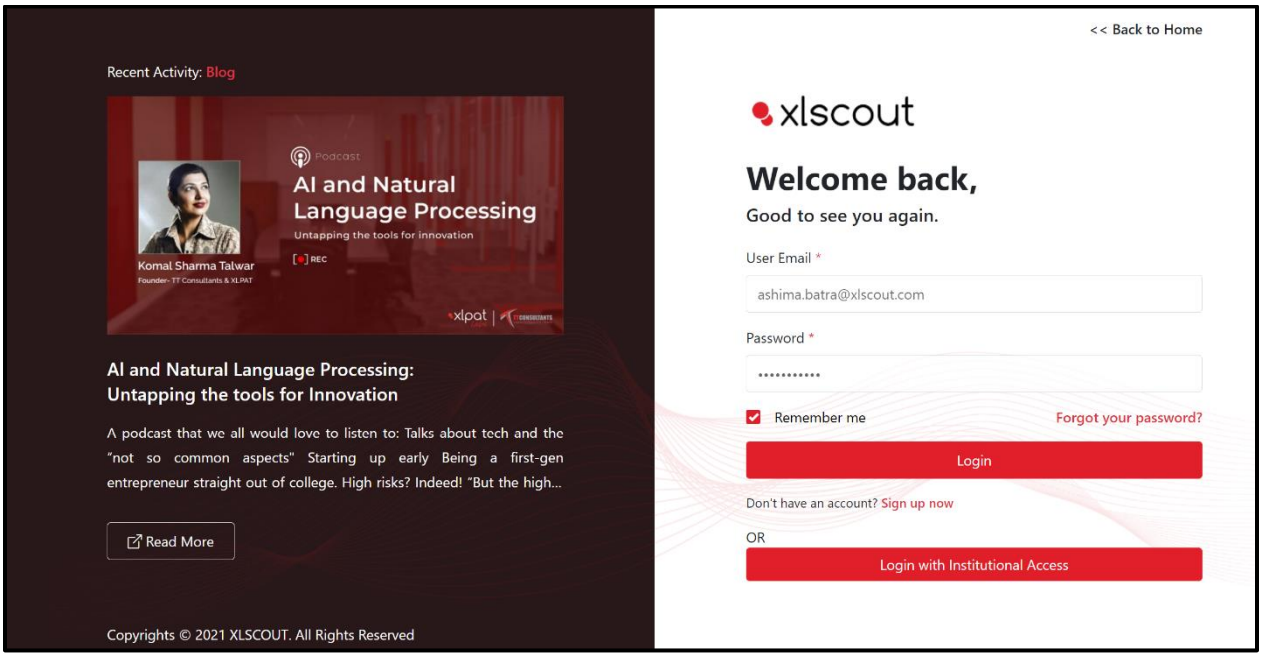
User Manual



Index

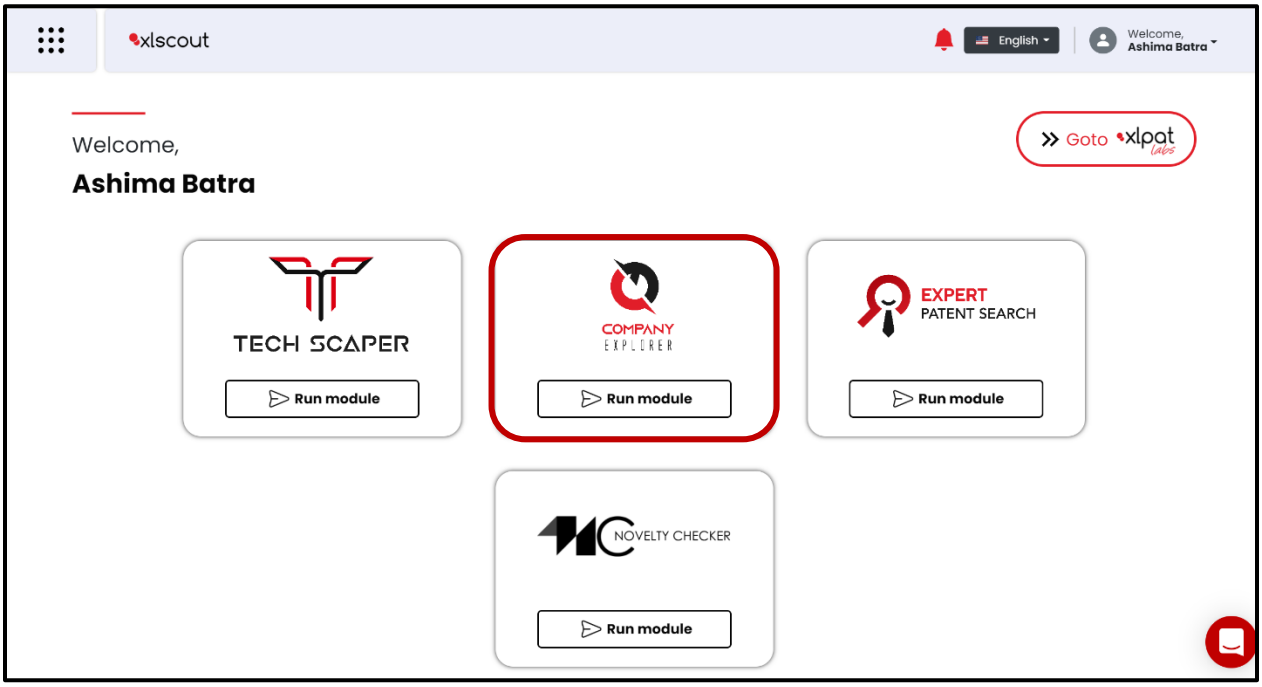
Login

For accessing the tool, click to https://next.xlscout.ai/



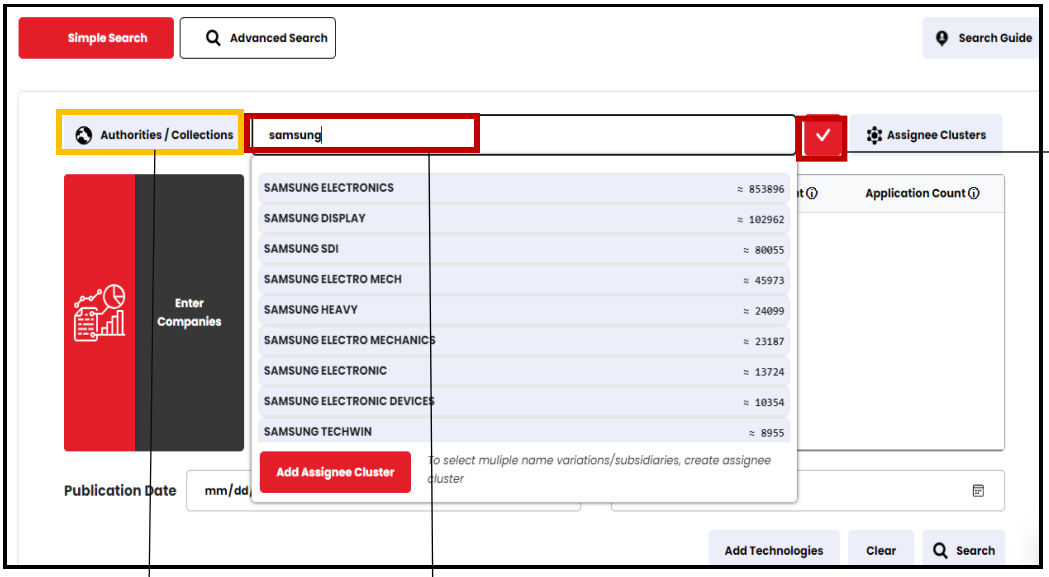
<Insert Email & Password>

Home Page


xlscout
English
Welcome,
Ashima Batra
Welcome,
Ashima Batra
Goto xlpat labs
TECH SCAPER
Run module
COMPANY EXPLORER
Run module
EXPERT PATENT SEARCH
Run module
NOVELTY CHECKER
Run module

Company Explorer

I Simple Search



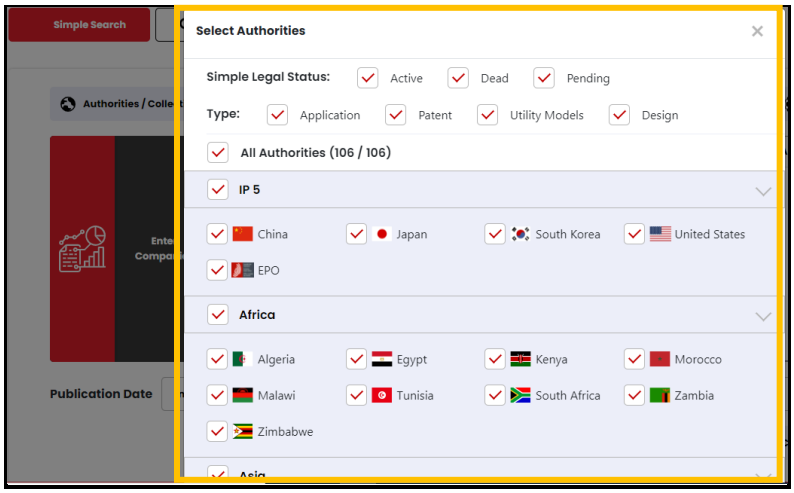
Select name in 3 ways

1. Click here to submit all the names shown in the drop -down menu OR
2. Click on any one name from the menu OR
3. Create an Assignee cluster

Enter the Assignee name.

- The company name is searched in current assignee field to extract the patent set
- Enter one or more company names for Analysis

Note: Maximum 5 companies can be added in a single search

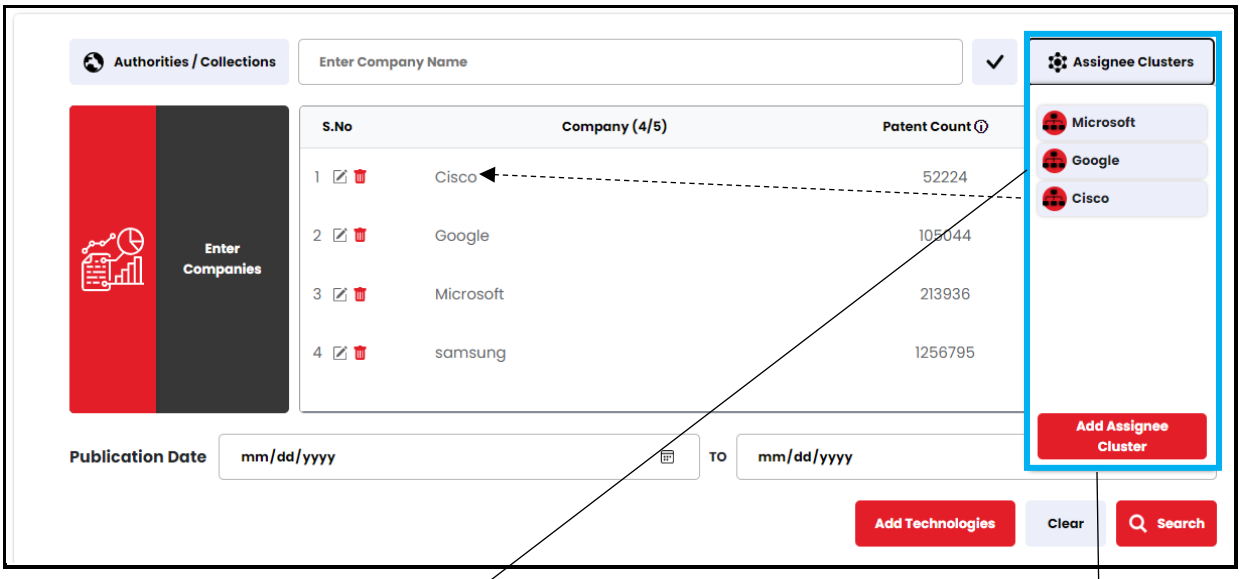


1.1. Authorities/Collections

User can filter results by following options:

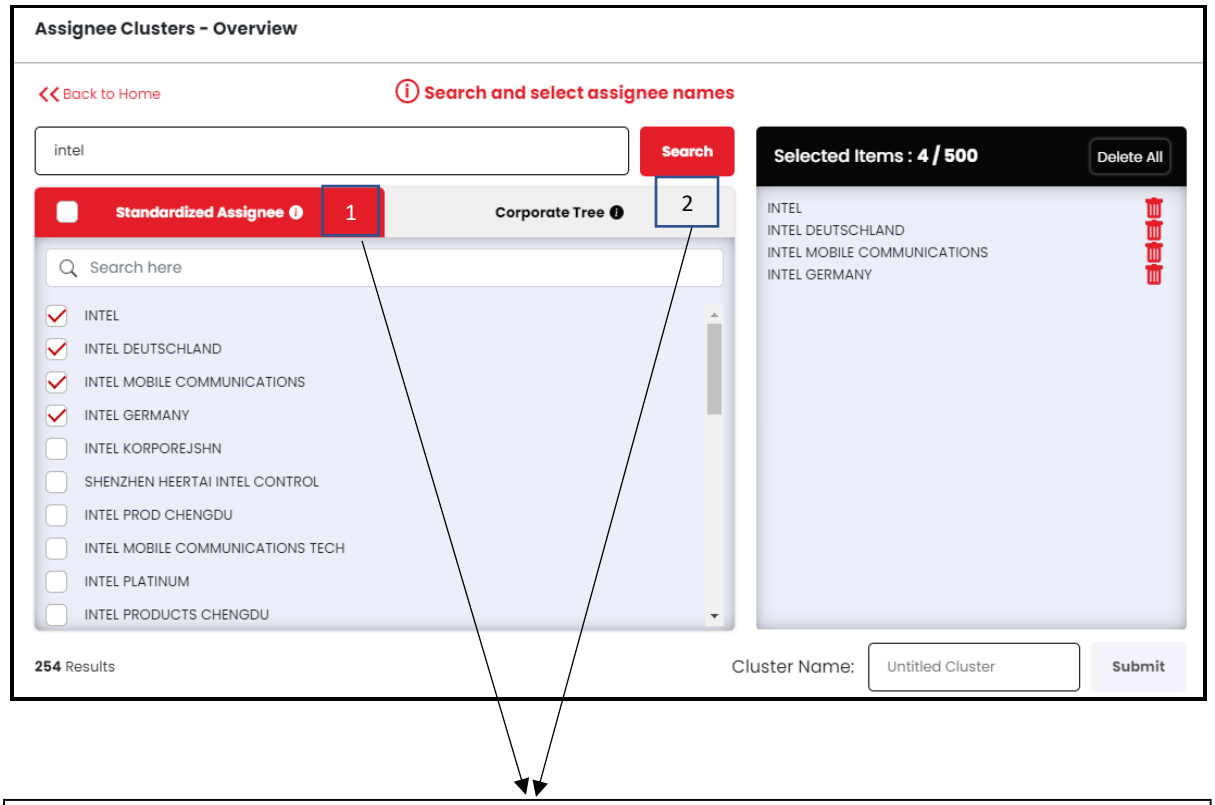
1. Simple Legal Status for selecting Active, Dead or Pending Patent.
2. Type of Patent
   - Application
   - Patent
   - Utility
   - Design
3. All Authorities displaying different regions

1.2. Assignee Cluster



Select a previously saved cluster and submit for analysis (Eg. Cisco)

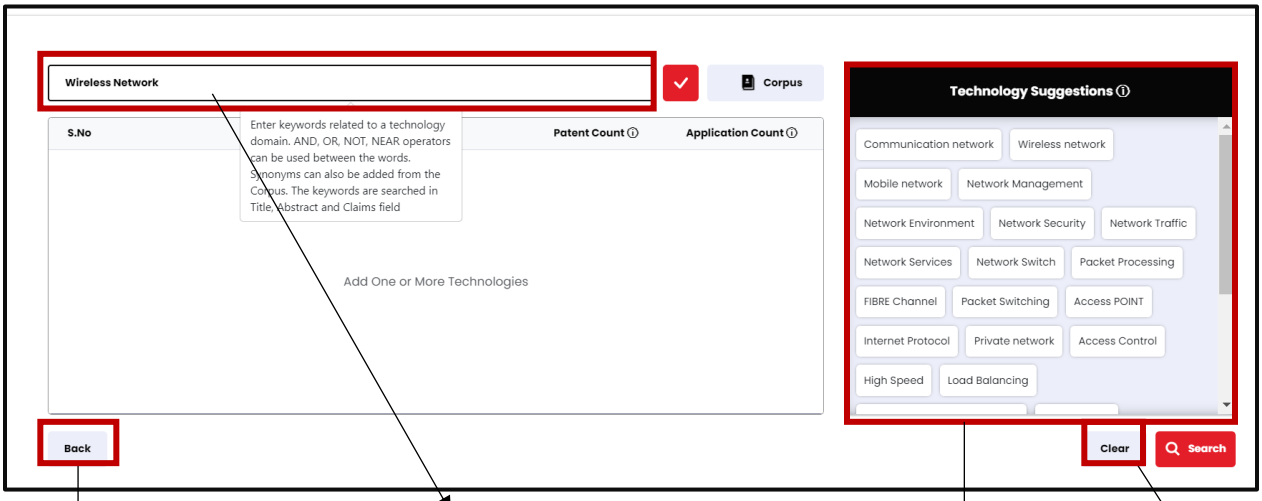
When the company name is entered, user can use assignee cluster option to



1 – Select names from list of assignees with input company name in the patent data

2 – Select names from corporate data of the input company name entered

1.3. Add Technology



Back Button – To go back to previous page.

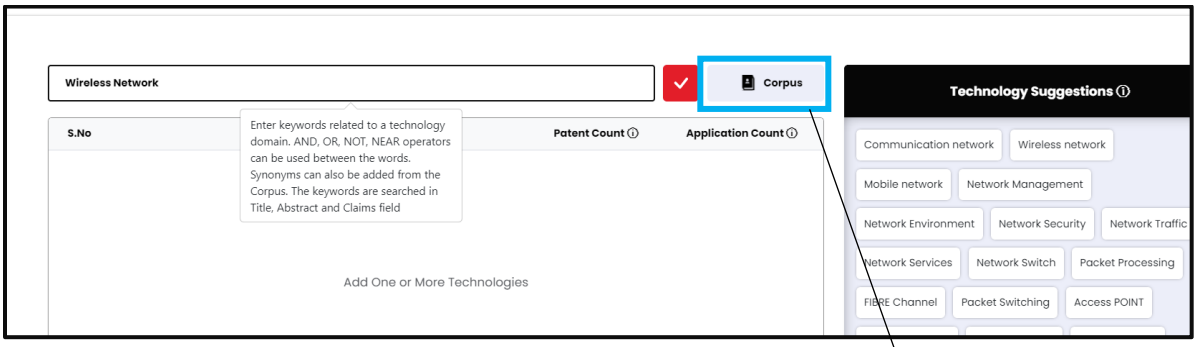
Enter keywords related to a technology domain. AND, OR, NOT, NEAR operators can be used between the words. Synonyms can also be added from the Corpus. The keywords are searched in Title, Abstract and Claims field

Note: User can enter up to 10 technology areas

To add a concept from the above suggestions, drag and drop the suggestion in the

Clear the search inputs

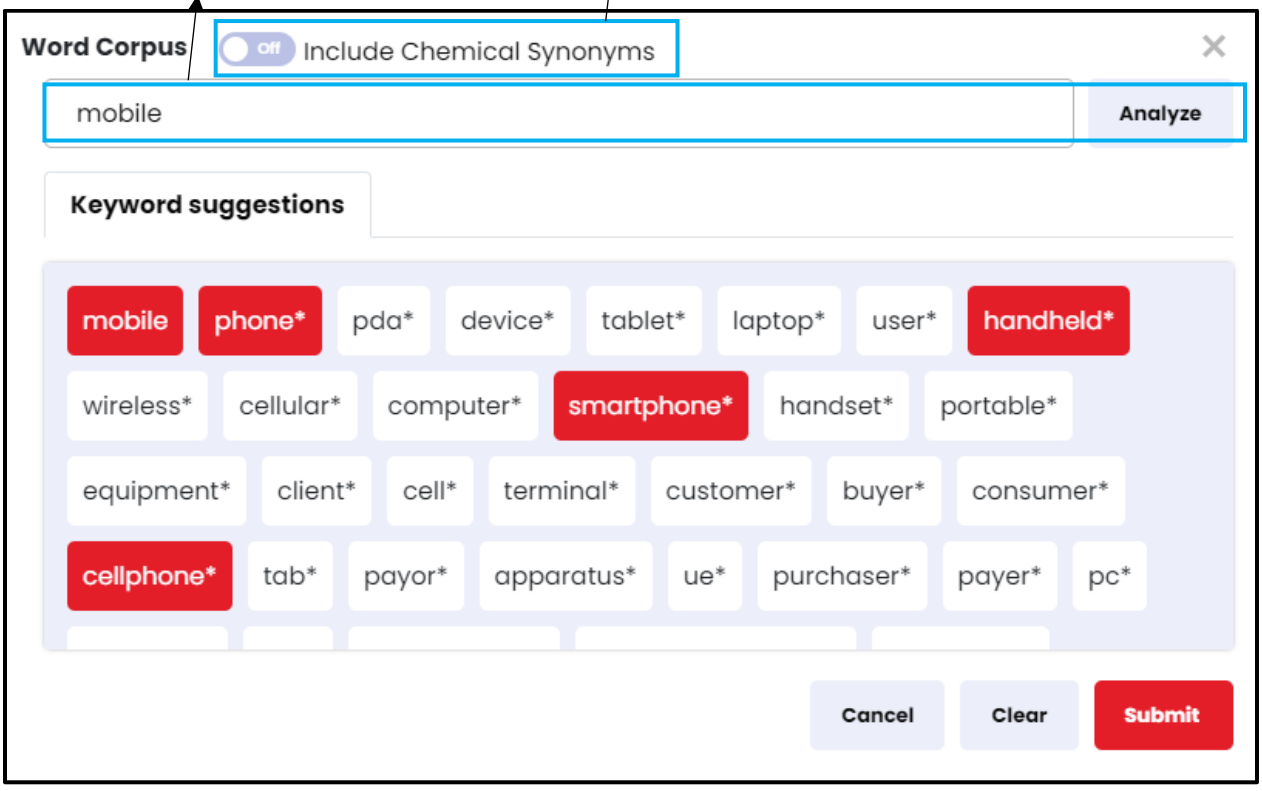
1.4. Word Corpus



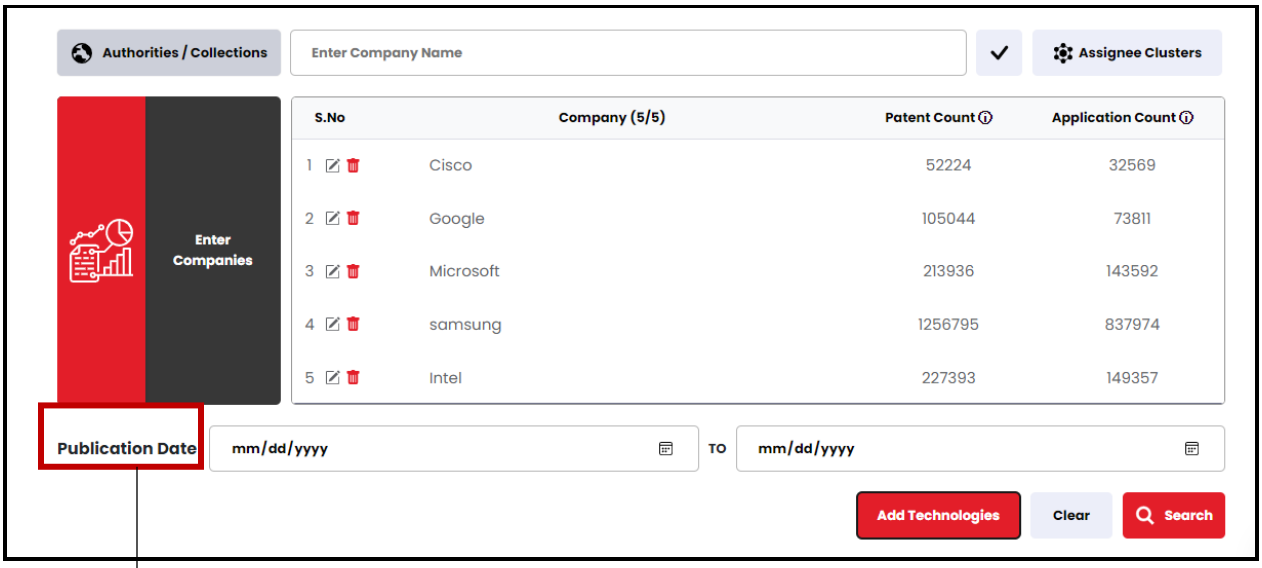
Search any keyword in the search bar and click on analyze button – It will provide you relevant keywords which you can add in the search strings. Click on submit button to include these keywords in the search strings

Turn On the slider to activate chemical synonyms.

Corpus Button to add similar keywords.



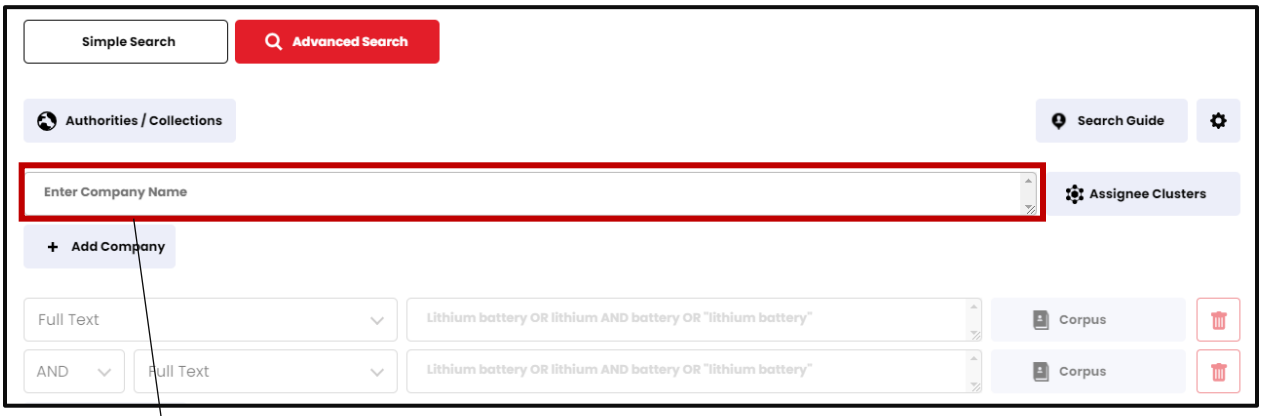
1.5. Year



Filter the search using Publication date

Eg. Format: mm/dd/yyyy

II Advanced Search



Enter the Assignee name. All the options work in the same manner as in simple search

- The company name is searched in current assignee field to extract the patent set
- Enter one or more company names for Analysis

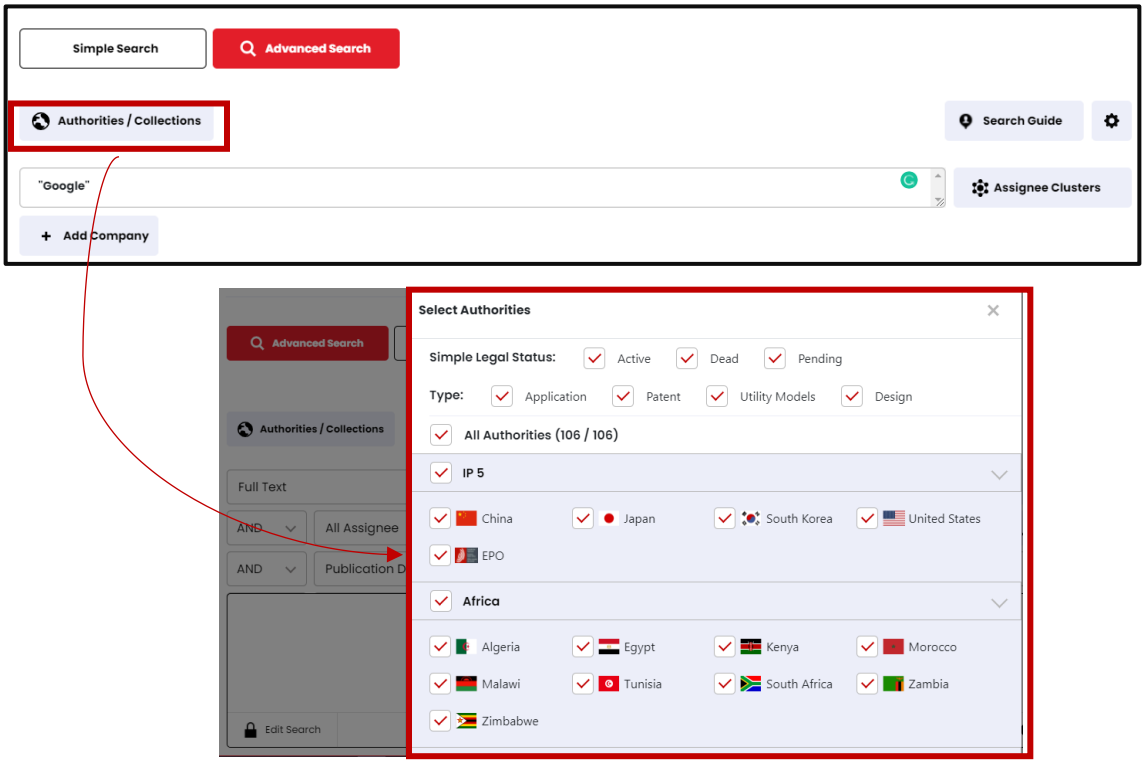
Note: Maximum 5 companies can be added in a single search

The Advance Search section has other input search fields, search assistance features and search settings options defined below.

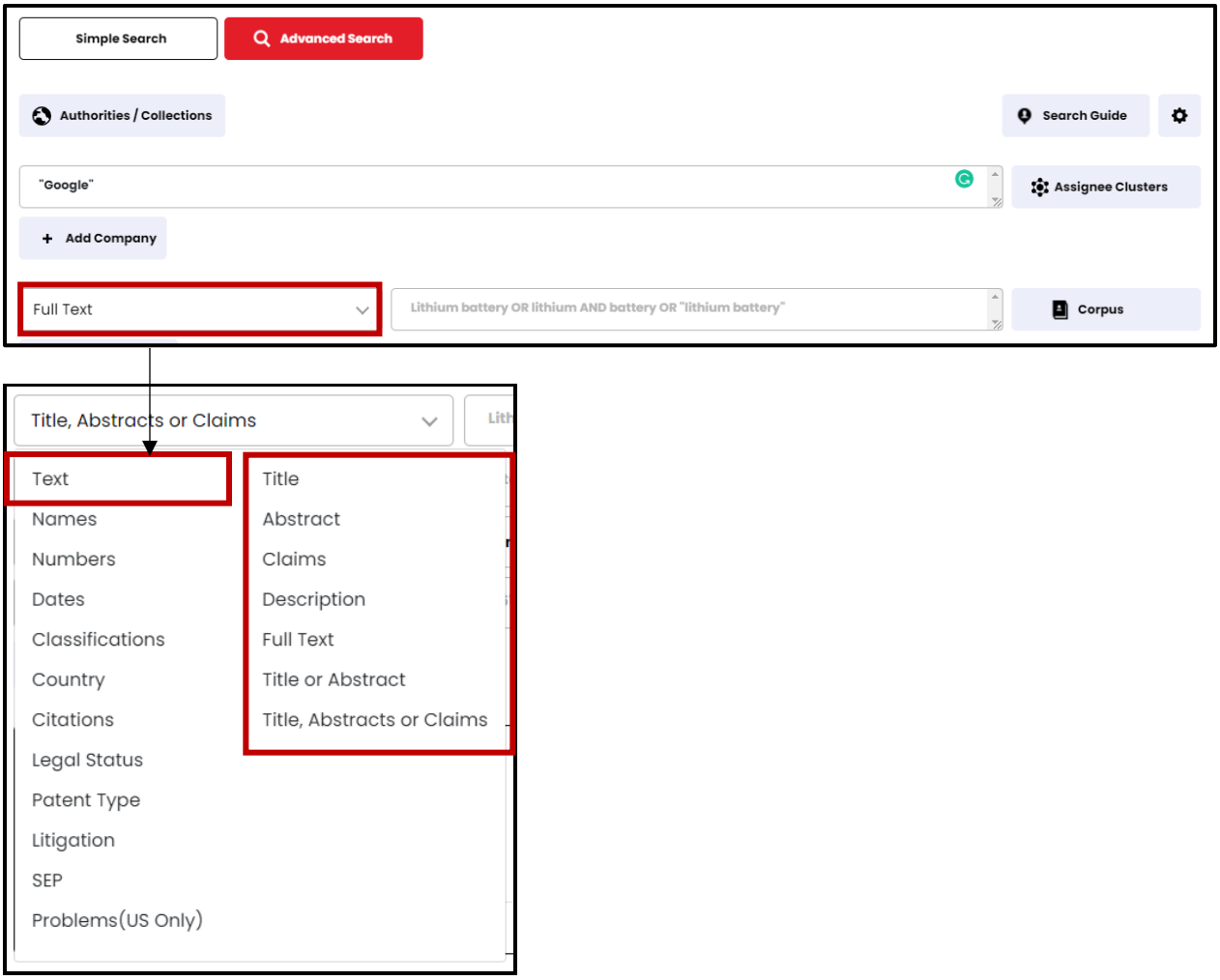
2.1. Authorities/Collections

User can filter results by following options:

4. Simple Legal Status for selecting Active, Dead or Pending Patent.
5. Type of Patent
    - Application
    - Patent
    - Utility
    - Design
6. All Authorities displaying different regions

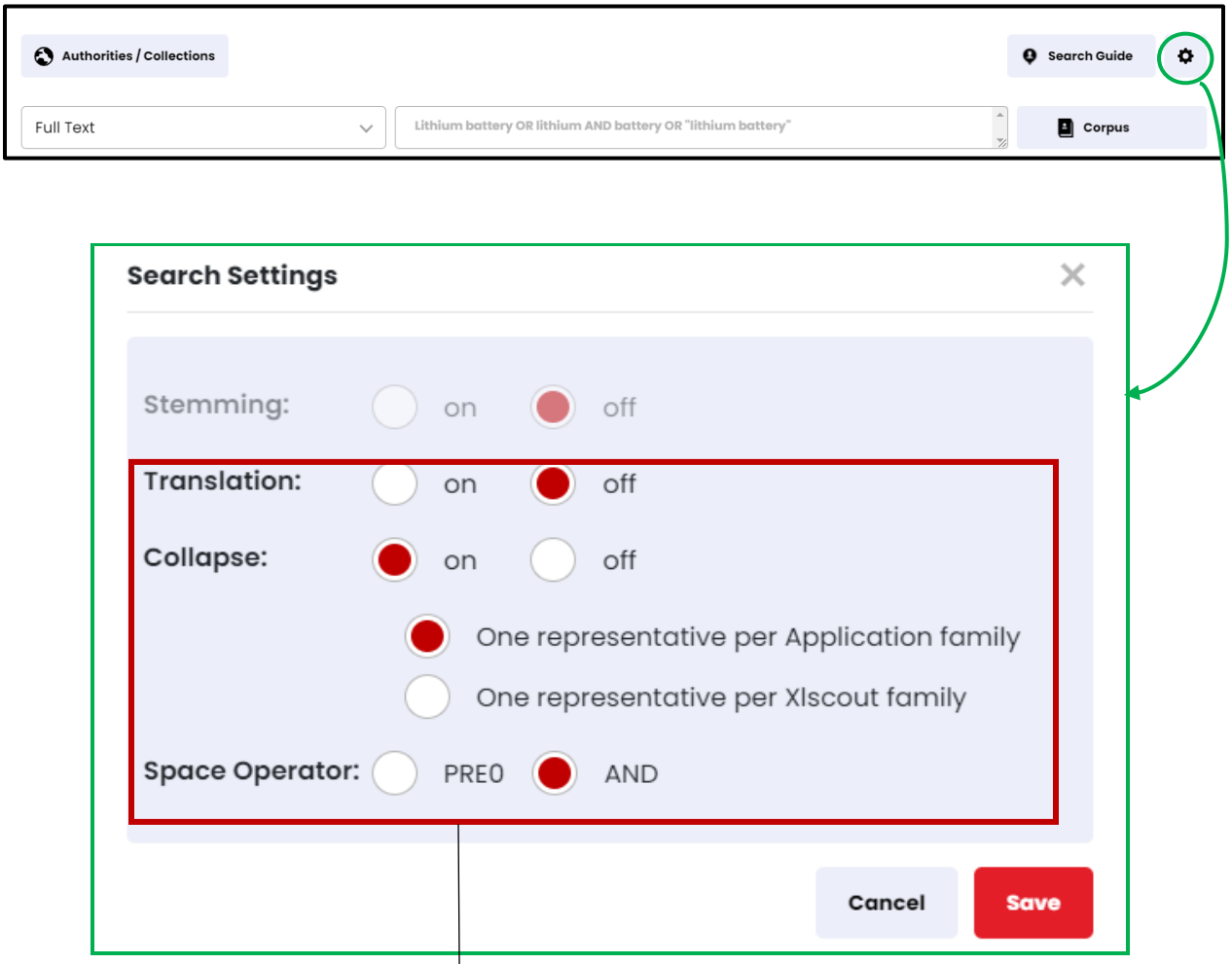


2.2. Text



Text		
S.No.	**Search Fields**	**Definitions**
1.	Title	Searches within the title of the patent publication.
2.	Abstract	Searches within the abstract of the patent publication
3.	Claim	Searches within the claims (i.e Independent Claim) of the patent publication
4.	Description	Searches within the description of the patent publication.
5.	Full Text	Searches in the full text of the patent publication.
6.	Title or Abstract	Searches either within the Title or within the Abstract of the patent publication.
7.	Title, Abstract or Claim	Searches either within the Title or Abstract or Claim of the patent publication

2.3. Search Setting



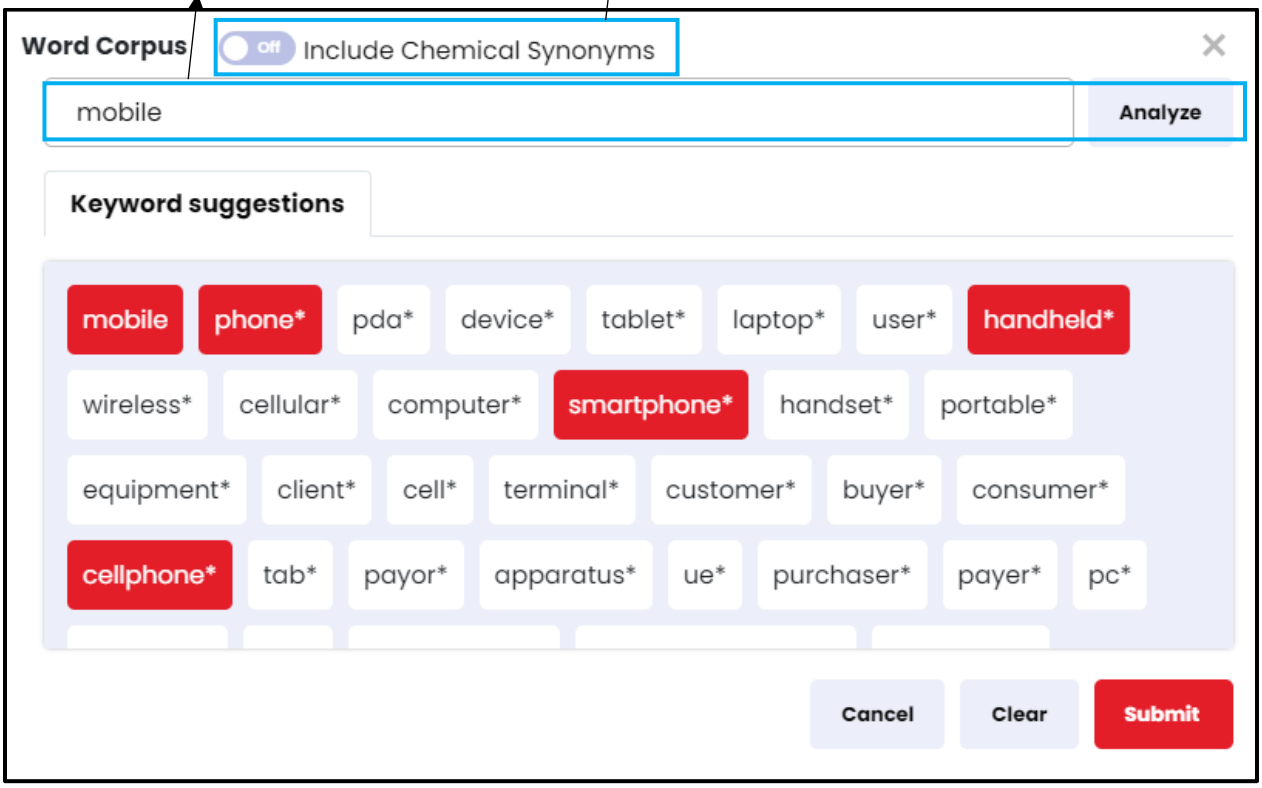
Change the Search Setting to translate the patents or collapse the patents based on Application Family or Xlscout Family. And also Change the behavior of space between two keywords by selecting the default functioning of space from AND (Logical Operator) to PRE0 (Proximity Operator).

2.4. Word Corpus

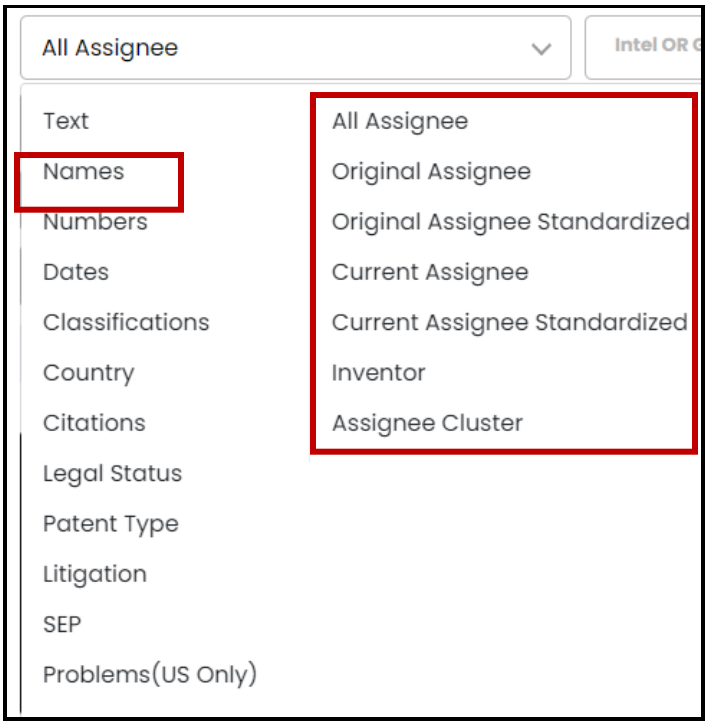
Search any keyword in the search bar and click on analyze button – It will provide you relevant keywords which you can add in the search strings. Click on submit button to include these keywords in the search strings

Turn On the slider to activate chemical synonyms.

Corpus Button to add similar keywords.

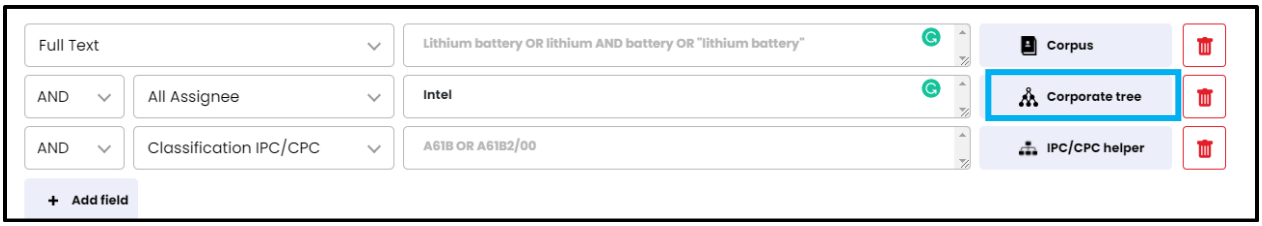


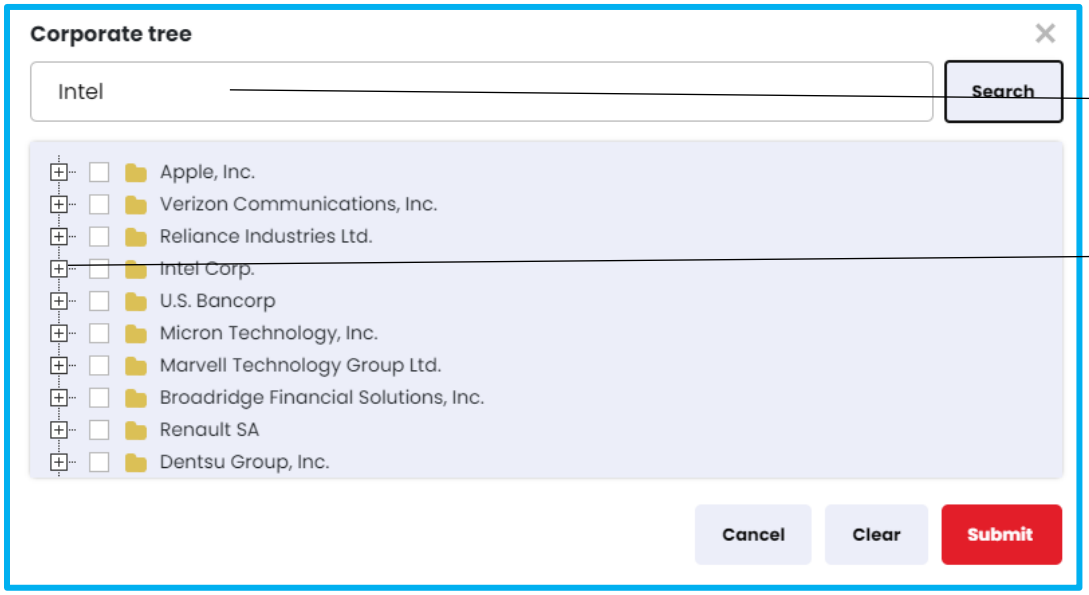
2.5. Names



Names		
S.No.	**Search Fields**	**Definitions**
1.	All Assignee	Searches all the assignee of the patent publication (i.e. original, intermediate or current assignee)
2.	Original Assignee	Searches in the original assignee of the patent publications.
3.	Original Assignee Standardized	Searches in the standardized original assignee names of the patent publications. Note: This field contains standardized names of original assignees
4.	Current Assignee	Searches in the current assignee of the patent publications.
5.	Current Assignee Standardized	Searches in the standardized current assignee names of the patent publications. Note: This field contains standardized names of current assignees
6.	Inventor	Searches in the inventor names of the patent publications.

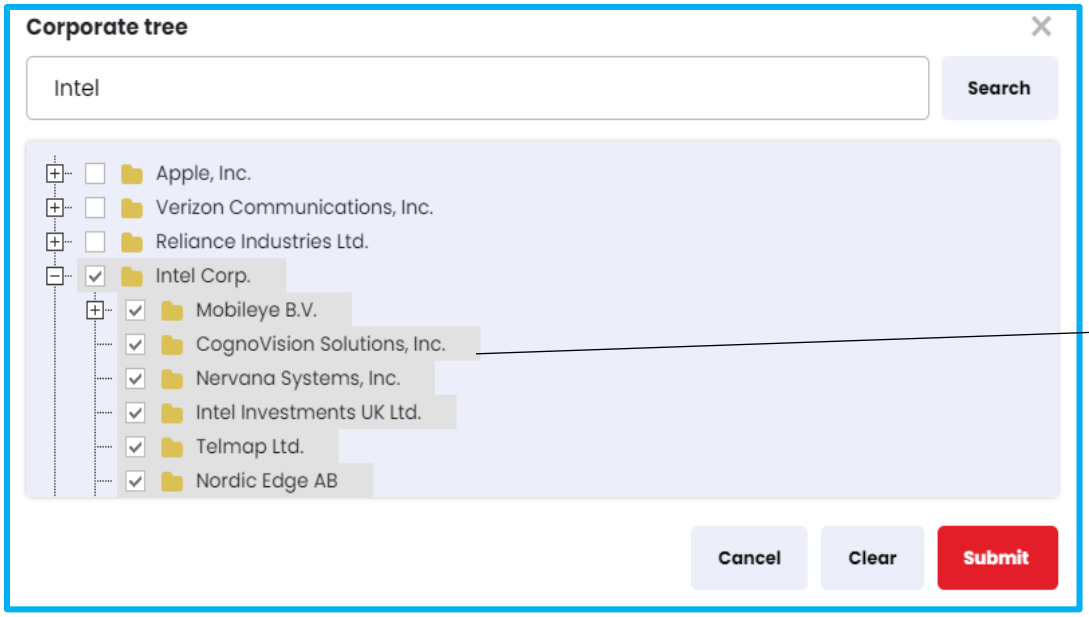
2.6. Corporate Tree





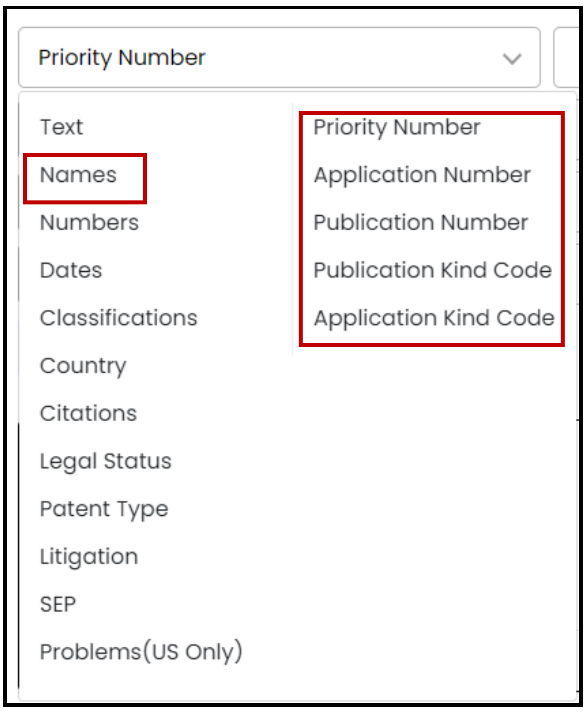
Input Company Name for and click on Search

Click on '+' icon to view the subsidiaries.



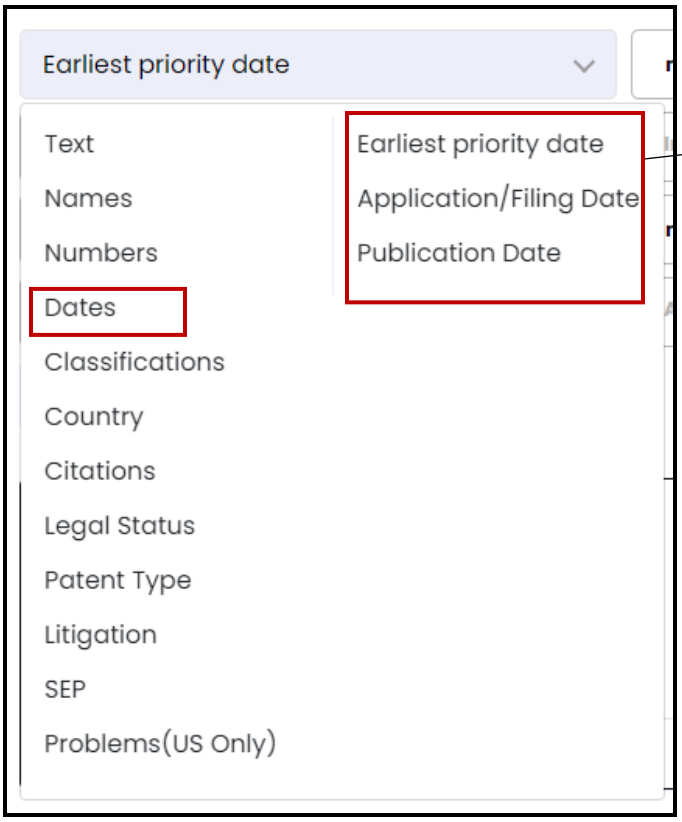
Select the names and click on submit to include these in the search

2.7. Numbers



Number		
S.No.	**Search Fields**	**Definitions**
1.	Priority Number	Search in all the priority numbers of the patent publications For Example – JP2012056895 **Note** - Do not enter special characters such as a space, comma or forward slash. The country code is required.
2.	Application Number	Search in the application numbers of the patent publications **For Example** - CN201380013230 or US12004657A **Note** - Do not enter special characters such as a space, comma or forward slash. The country code is required.
3.	Publication Number	Search by entering patent publication numbers **Example**: US20190272373A1, US20190272373
4.	Publication Kind Code	Search by kind code of the patent publication numbers Eg. B, B1, B2
5.	Application Kind Code	Search by kind code of the application numbers • Eg. A, A1, A2

2.8. Dates

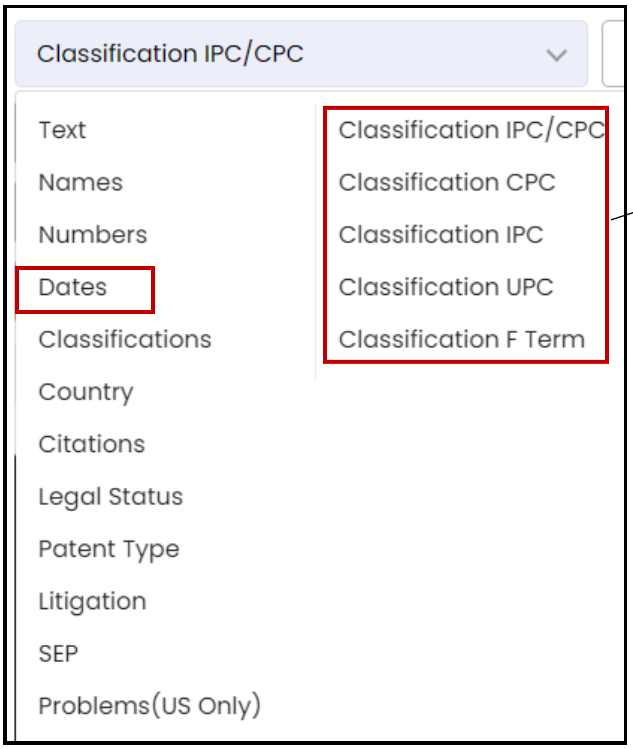


Date Format – MM/DD/YYYY for all dates i.e

- Earliest Priority Date
- Application/Filling Date
- Publication Date

Dates		
S.No.	**Search Fields**	**Definitions**
1.	Earliest Priority Date	The earliest filing date in a series of patent applications is referred to as the priority date. If the first patent application for a given invention was a provisional application, the Provisional's filing date is your priority date.
2.	Application/Filing Date	The date when you filed the patent application is referred as Application/Filing Date.
3.	Publication Date	The date on which the patent application is published (i.e. the information is available to public.

2.9. Classification

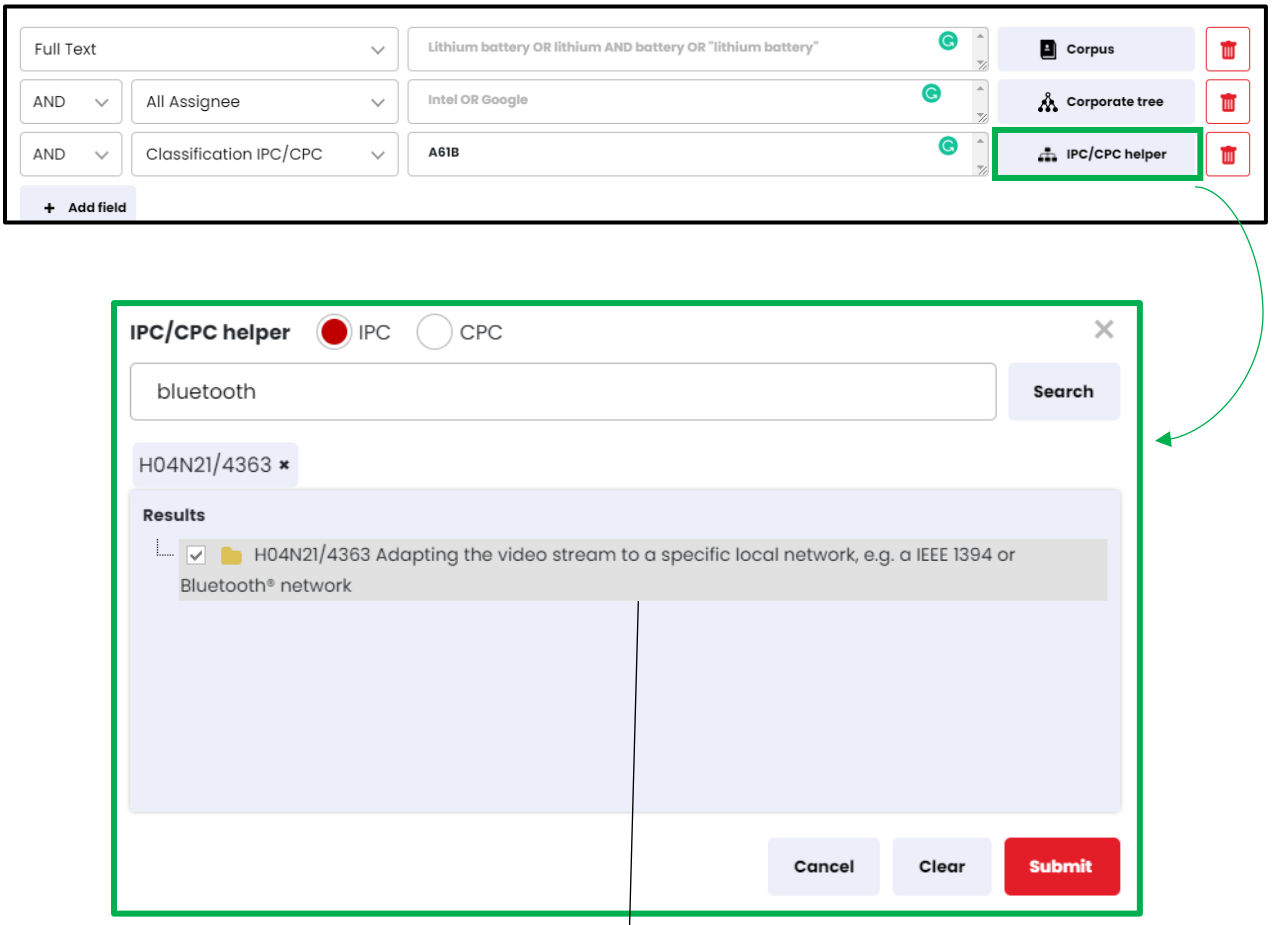


The given examples are the Class format for different classification-based search.

For Example:

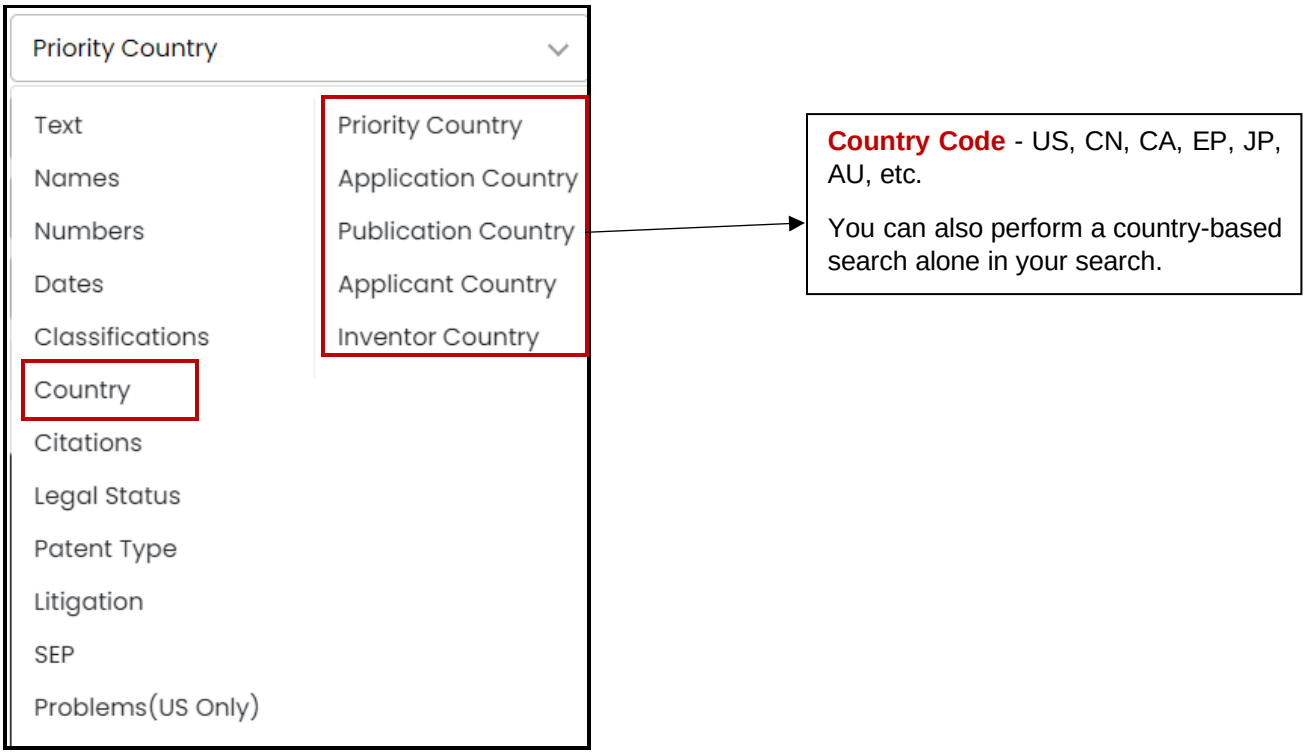
- A61B or A61B2/01 **(IPC/CPC)**
- 532 or 532/201 or 530/388.2 **(US class)**
- 2C088AA06 or 2C088 **(F-Term)**

2.10. IPC/CPC Helper



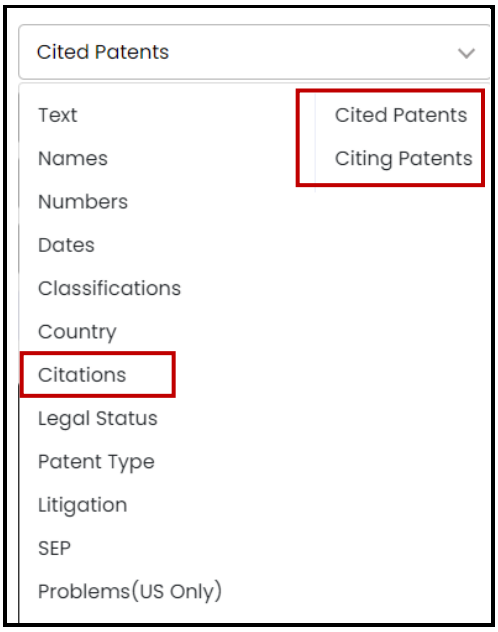
Search by keywords in the search bar or go click on any IPC/CPC sections to find the relevant IPC/CPC classes with ancestor tree structure.

2.11. Country



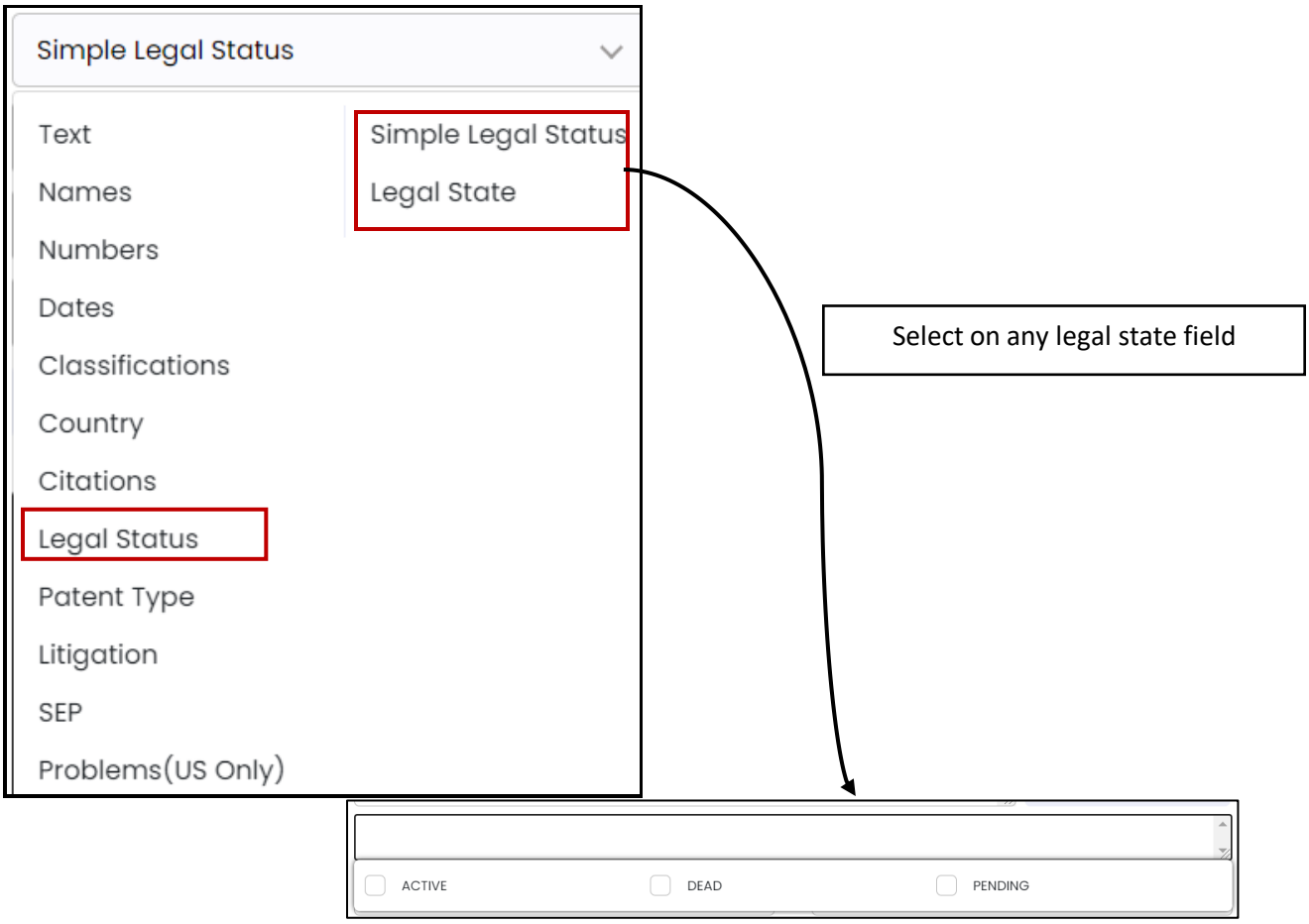
Country		
S.No.	**Search Fields**	**Definitions**
1.	Priority Country	Search by country code of priority country of the patent publications
2.	Application Country	Search by country code of application country of the patent publications
3.	Publication Country	Search by country code of the patent publications
4.	Applicant Country	Search by country code of applicant country of the patent publications
5.	Inventor Country	Search by country code of inventor country of the patent publications

2.12. Citations



Citation		
S.No.	**Search Fields**	**Definitions**
1.	Cited Patents	Searches backward citations of the input patent
2.	Citing Patents	Searches forward citations of the input patent

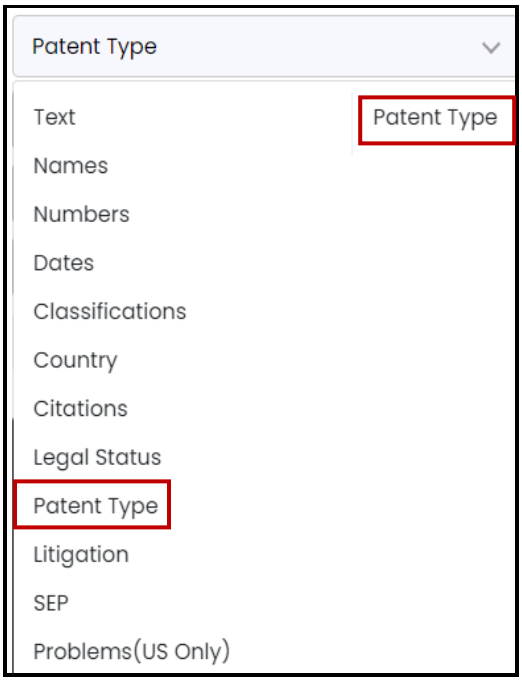
2.13. Legal Status



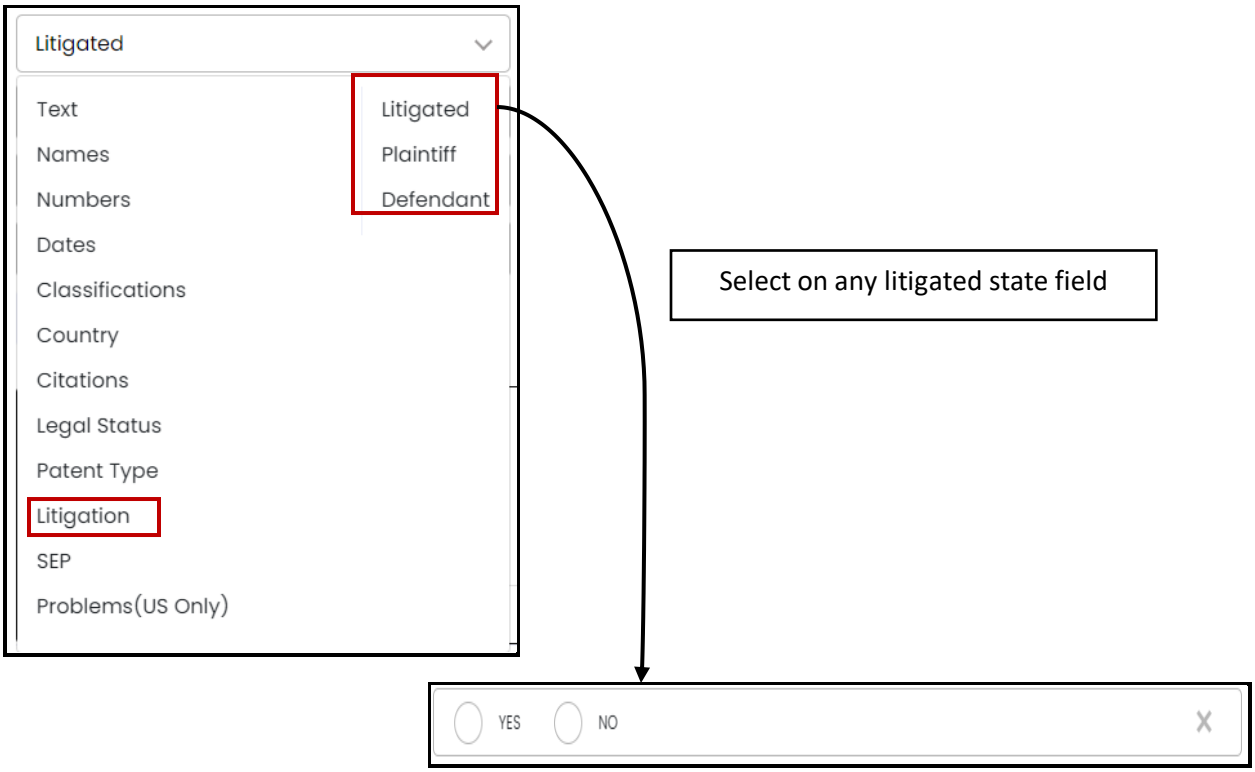
Legal Status		
S.No.	**Search Fields**	**Definitions**
1.	Simple Legal Status	Search can be restricted to a specific legal state of the patent publication. Values include: I Alive II Dead III Pending
2.	Legal State	Search can be restricted by the current legal status of patent publications resulting in the legal state of the publication. Values include: I Examination II Published III Granted IV Restoration

		V P-Revoked VI Expired VII Withdrawn VIII Rejected IX Non-Payment X Revoked XI Double XII Ceased XIII Lapsed XIV Abandoned XV Discontinuation

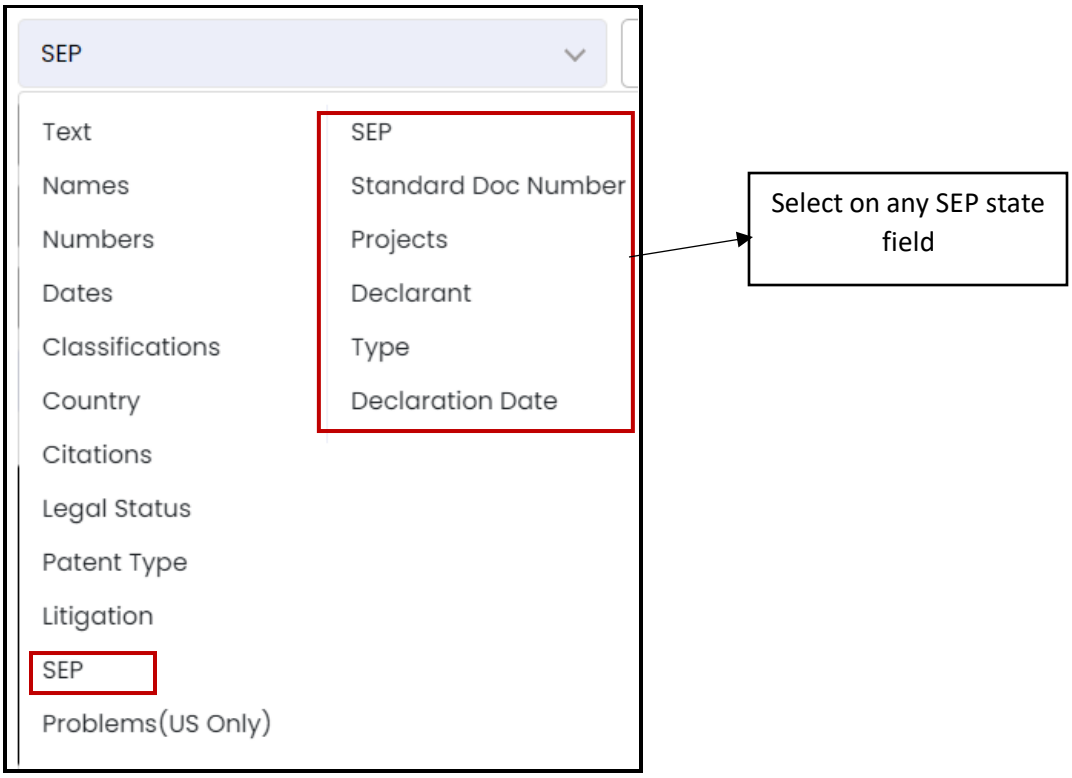
2.14. Patent Type



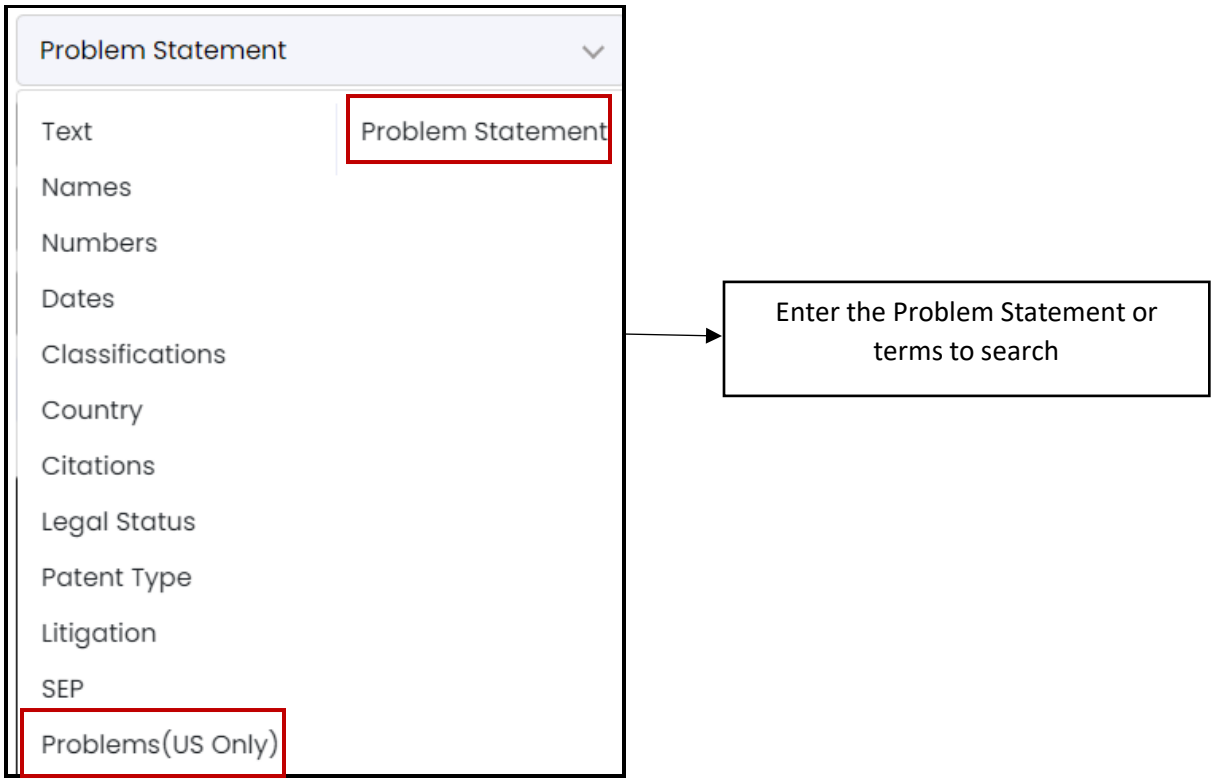
2.15. Litigation



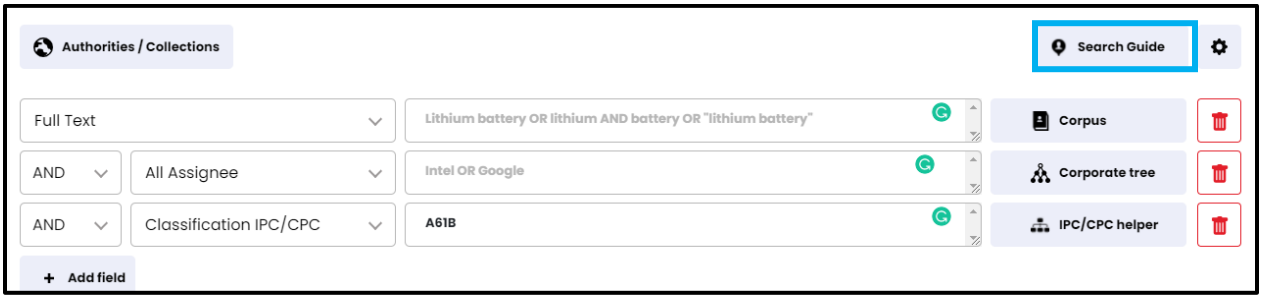
2.16. SEP


SEP
Text
Names
Numbers
Dates
Classifications
Country
Citations
Legal Status
Patent Type
Litigation
SEP
Problems(US Only)
SEP
Standard Doc Number
Projects
Declarant
Type
Declaration Date
Select on any SEP state field

2.17. Problems (US only)



2.18. Search Guide

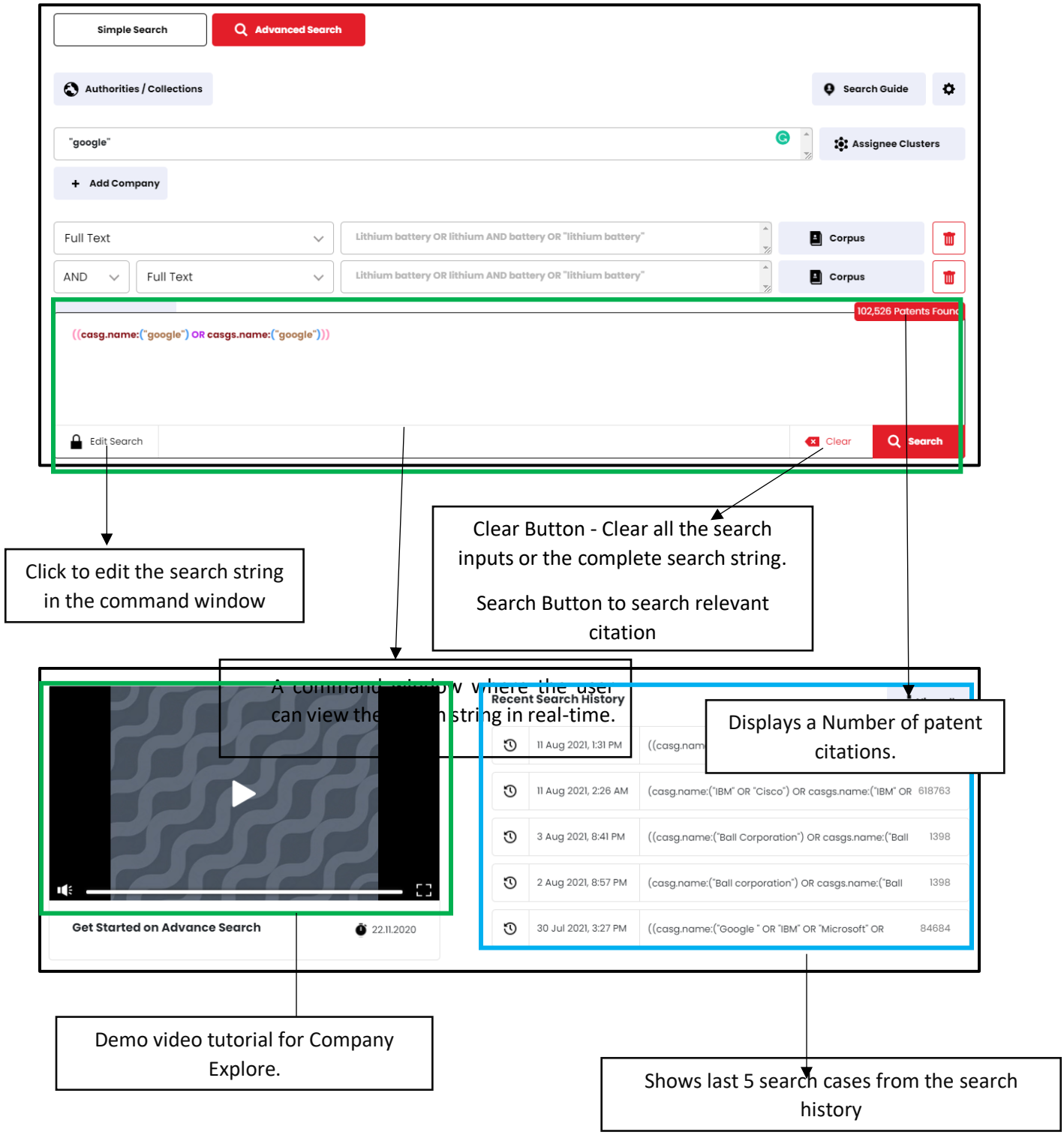


Search guide - Definition and syntax of Operators

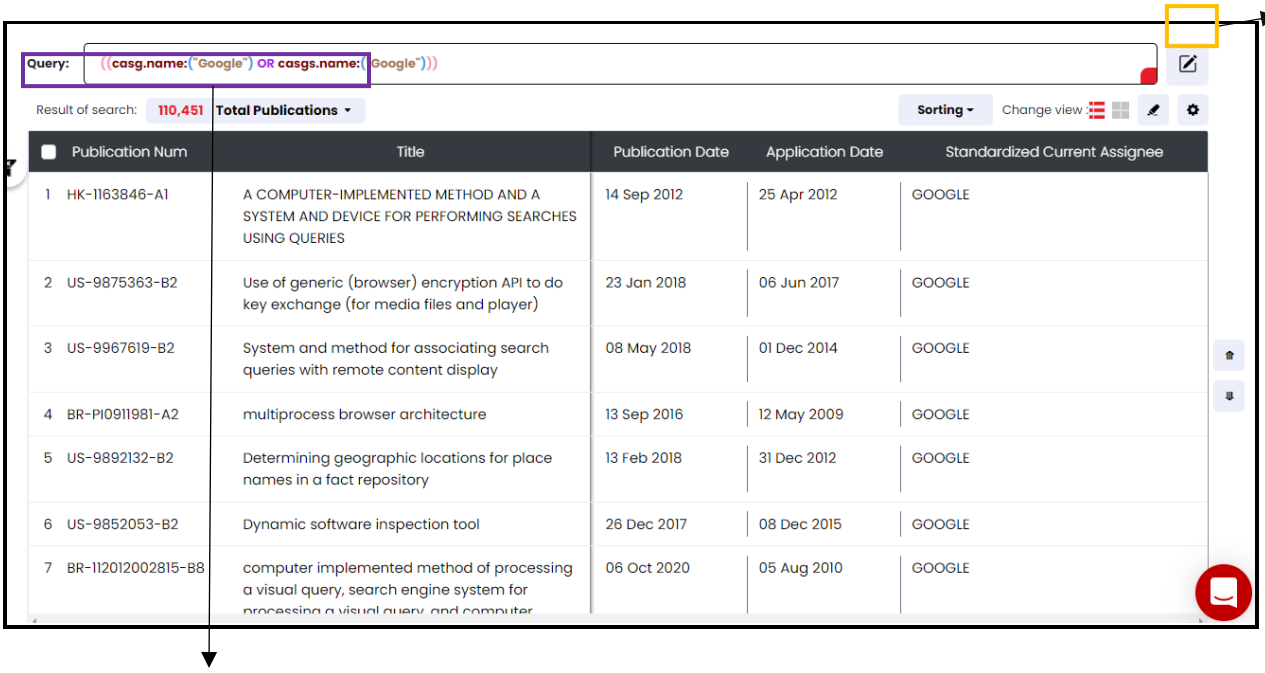
Logical Operators			
S.No.	**Operators**	**Function**	**Example**
1.	AND	Finds documents that contain/match all the search terms entered.	Touch AND Screen
2.	OR	Finds documents that contain any one of the search terms entered.	Vehicle OR Car
3.	NOT	Finds documents which contain the first search term but do not contain the second/following search term.	Vehicle NOT Car
Proximity Operators			
S.No.	**Operators**	**Function**	**Example**
1.	PREn	For searching words in proximity in the ordered manner. Finds documents that contain the search terms within a proximity of `n` words to each other in the order specified.	Title:(Agriculture PRE1 machine) - will find results in which the word agriculture is always preceding the word machine.
2.	NEARn	For searching words in proximity in unordered manner. Finds documents that contain the search terms within a proximity of `n` words to each other in any order (right or left)	Title: (Agriculture NEAR3 machine)
3.	NEARs	For finding documents containing search terms in the same sentence.	Clm: (collision NEARs detection)
4.	NEARp	For finding documents containing search terms in the same paragraph.	Text: (composition NEARp ethanol)
Wildcard Operators			
S.No.	**Operators**	**Function**	**Example**
1.	?	Replaces only one character and can be used in the middle and at the end of a word. It will find only those results in which the original search term has a wildcard replacement. In order to cover both, the original search term and the terms with wildcard replacements, please add the original search term too. **NOTE**: It cannot be used at the beginning of a search term. Does not support use with quotations.	Title: car? - Add title: car or car? Title: twist?? - Add twist or twist? or twist??

2.	*	Replaces unlimited characters in the search term entered. NOTE: It cannot be used at the beginning or in the middle of a search term. Does not support use with quotations.	Title: formula*
Other operators			
S.No.	**Operators**	**Function**	**Example**
1.	" "	For searching the terms in the exact form/manner as specified.	"3d-printing"
2.	()	For defining the order in which the search terms should be logically combined in the search.	((autonomous or self-driving or driverless) NEAR4 (car or vehicle)) AND sensor

View search string

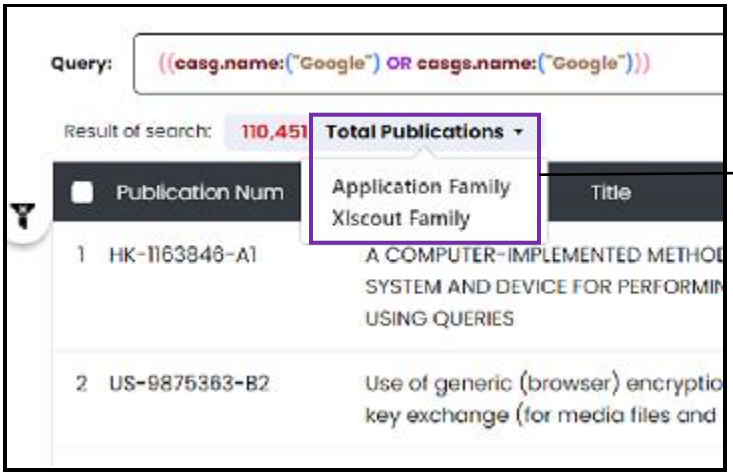


Results Page – View Results



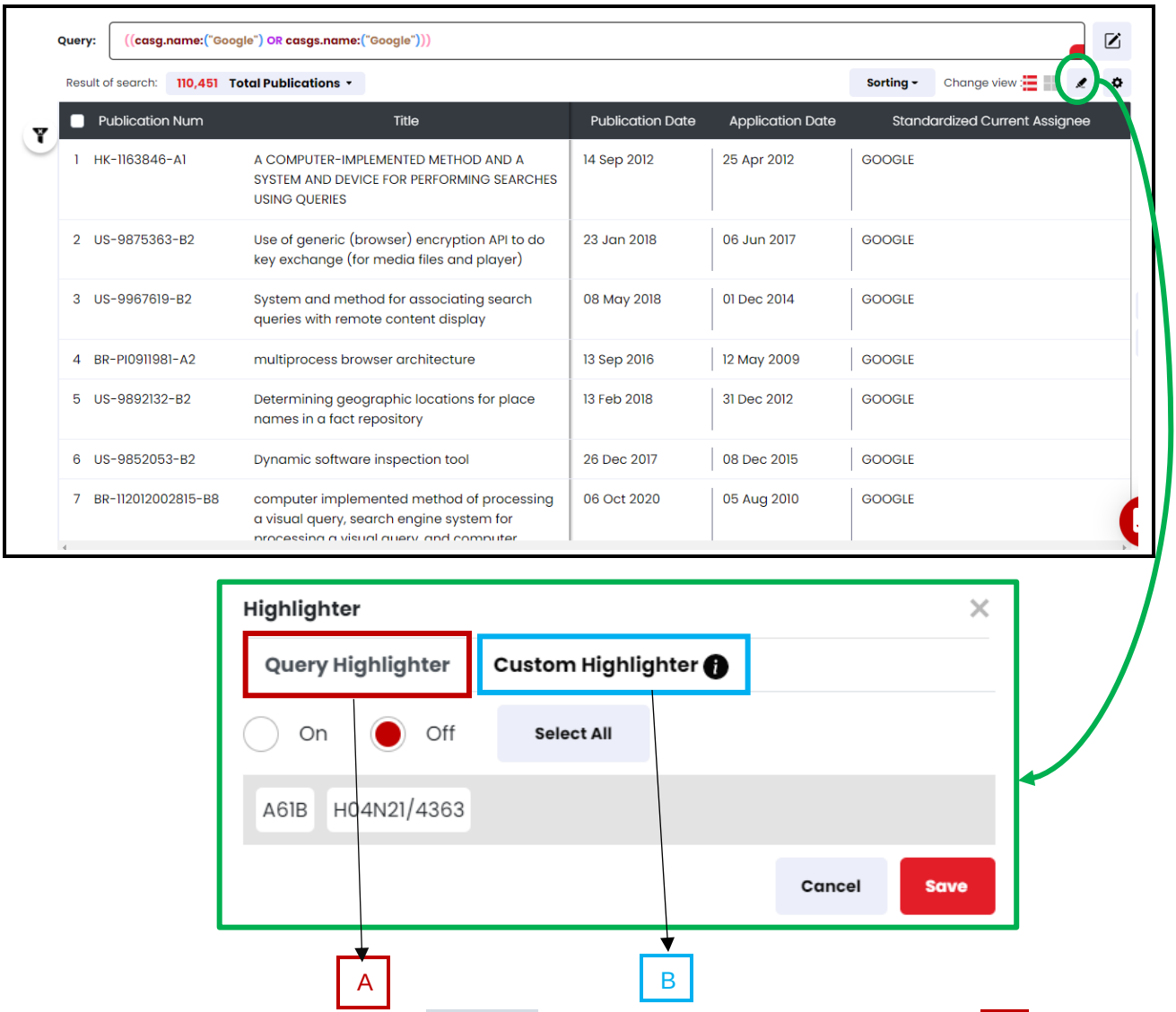
Click here to edit the search query

Search results - Number of publications count (110,451 Hits)



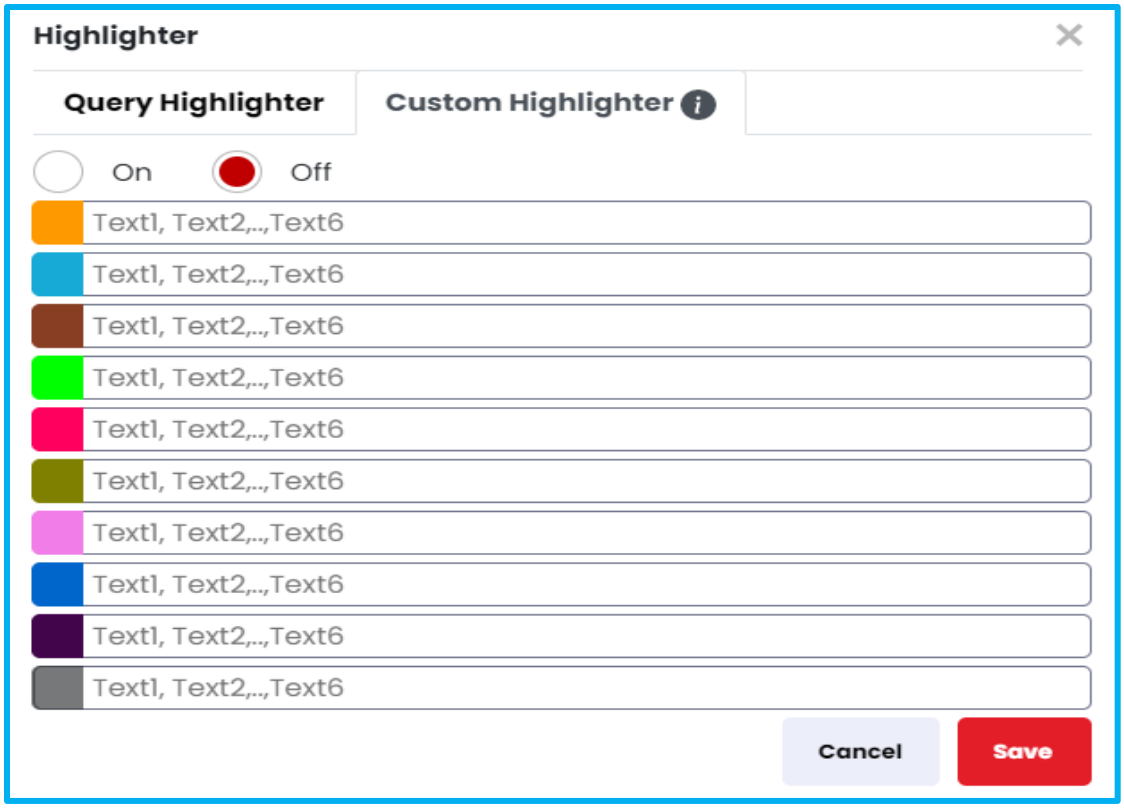
Click on the arrow next to Total publications to view Application Family and Xlscout Family to view the grouped.

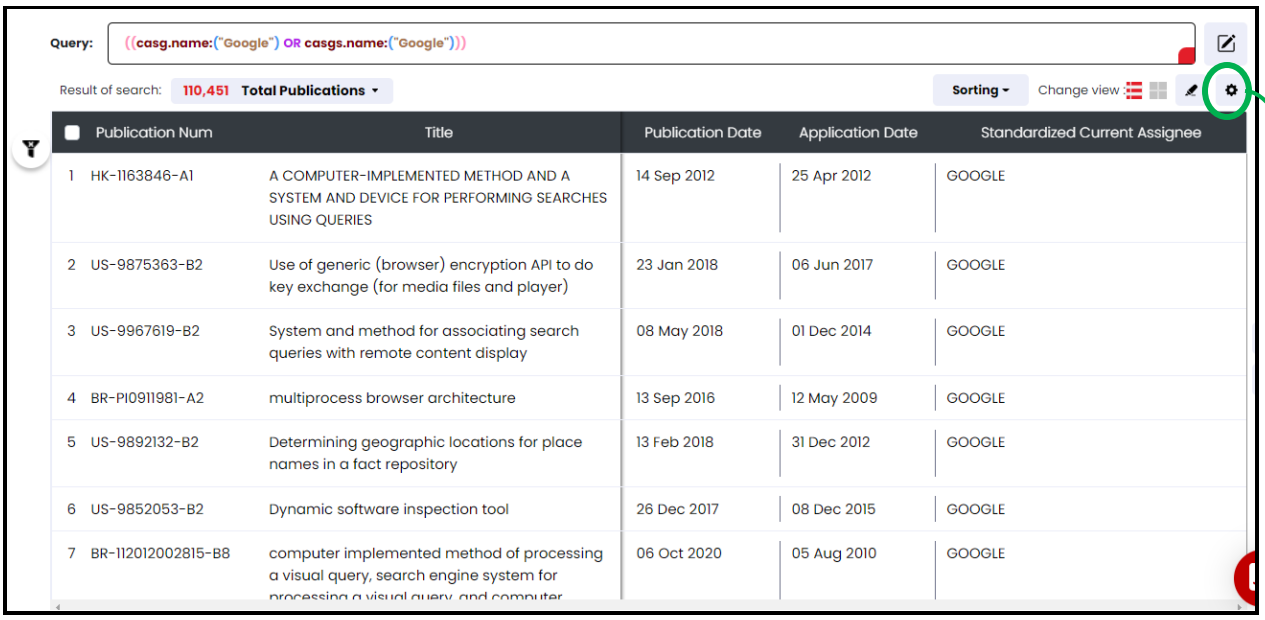
Highlighter & Search display Settings



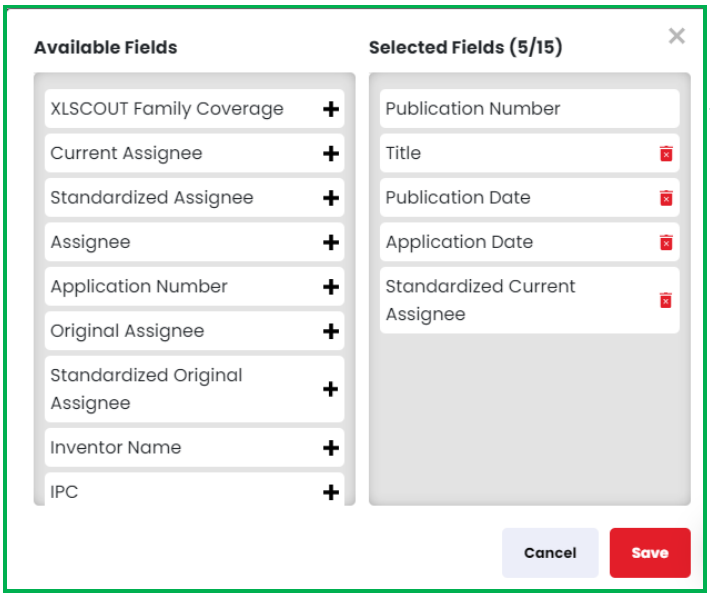
A. Turn ON the Query Highlighter and 'Select All' or a few words to highlight procced with save button

B. Select the custom Highlighter and enter the keywords to be highlighted


Highlighter
Query Highlighter
Custom Highlighter
On
Off
Text1, Text2,..,Text6
Text1, Text2,..,Text6
Text1, Text2,..,Text6
Text1, Text2,..,Text6
Text1, Text2,..,Text6
Text1, Text2,..,Text6
Text1, Text2,..,Text6
Text1, Text2,..,Text6
Text1, Text2,..,Text6
Text1, Text2,..,Text6
Cancel
Save

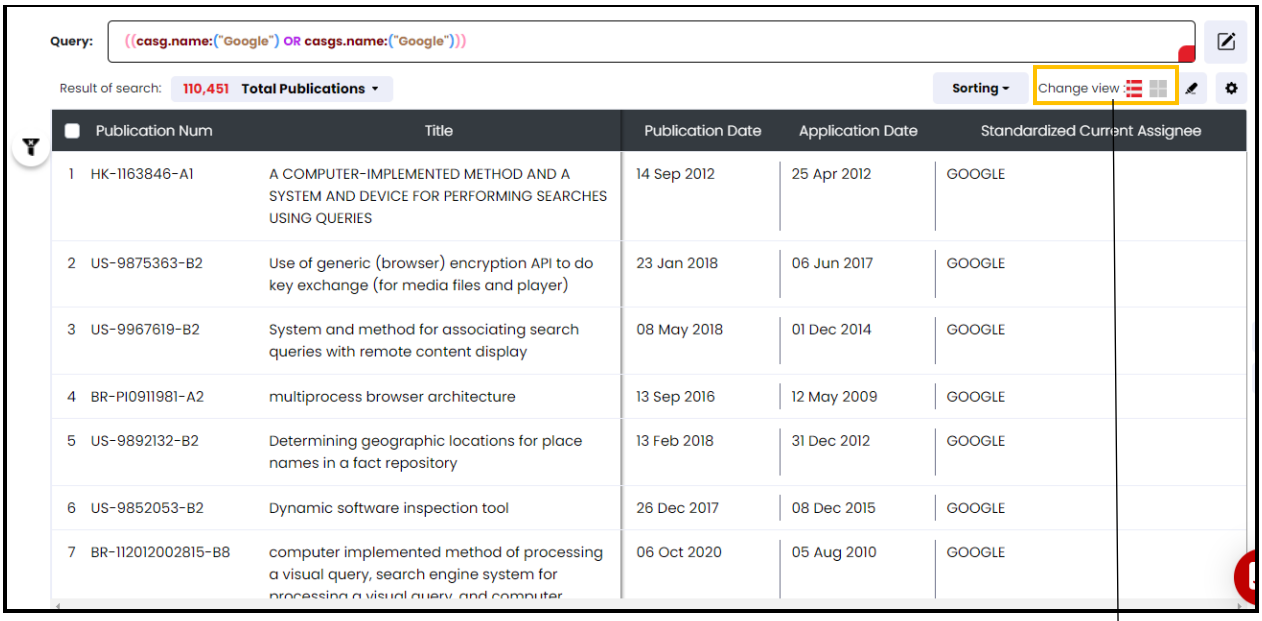


	Publication Num	Title	Publication Date	Application Date	Standardized Current Assignee
1	HK-1163846-A1	A COMPUTER-IMPLEMENTED METHOD AND A SYSTEM AND DEVICE FOR PERFORMING SEARCHES USING QUERIES	14 Sep 2012	25 Apr 2012	GOOGLE
2	US-9875363-B2	Use of generic (browser) encryption API to do key exchange (for media files and player)	23 Jan 2018	06 Jun 2017	GOOGLE
3	US-9967619-B2	System and method for associating search queries with remote content display	08 May 2018	01 Dec 2014	GOOGLE
4	BR-PI0911981-A2	multiprocess browser architecture	13 Sep 2016	12 May 2009	GOOGLE
5	US-9892132-B2	Determining geographic locations for place names in a fact repository	13 Feb 2018	31 Dec 2012	GOOGLE
6	US-9852053-B2	Dynamic software inspection tool	26 Dec 2017	08 Dec 2015	GOOGLE
7	BR-112012002815-B8	computer implemented method of processing a visual query, search engine system for processing a visual query, and computer	06 Oct 2020	05 Aug 2010	GOOGLE



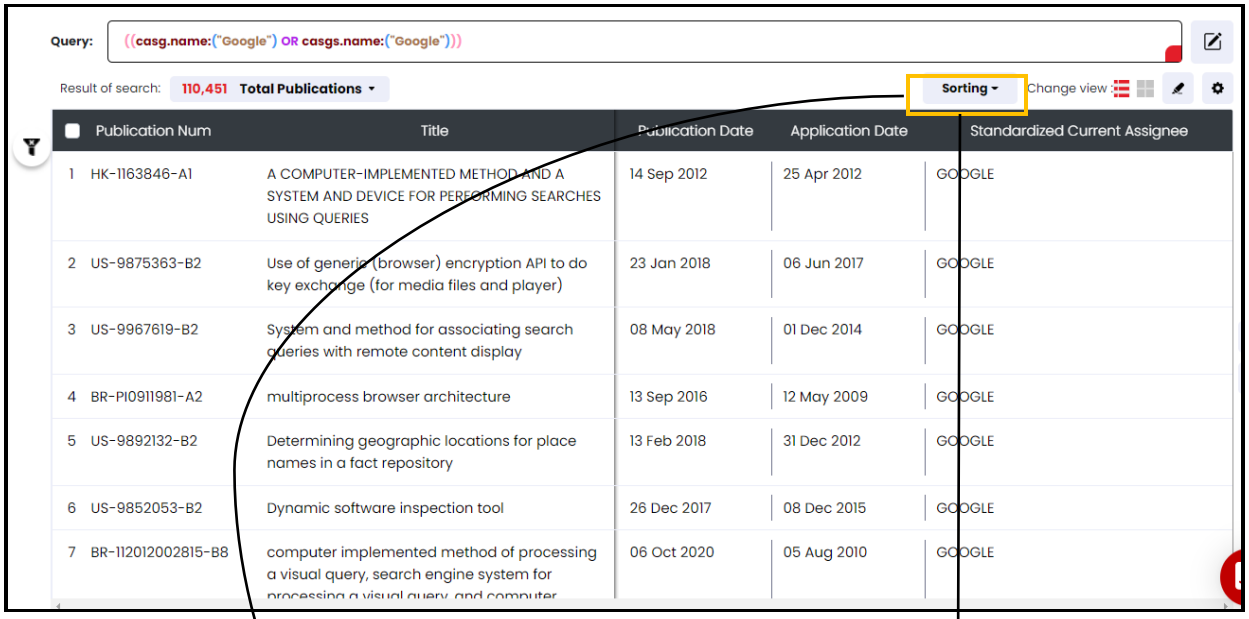
User can select/unselect the field to be displayed in the result list

Change View

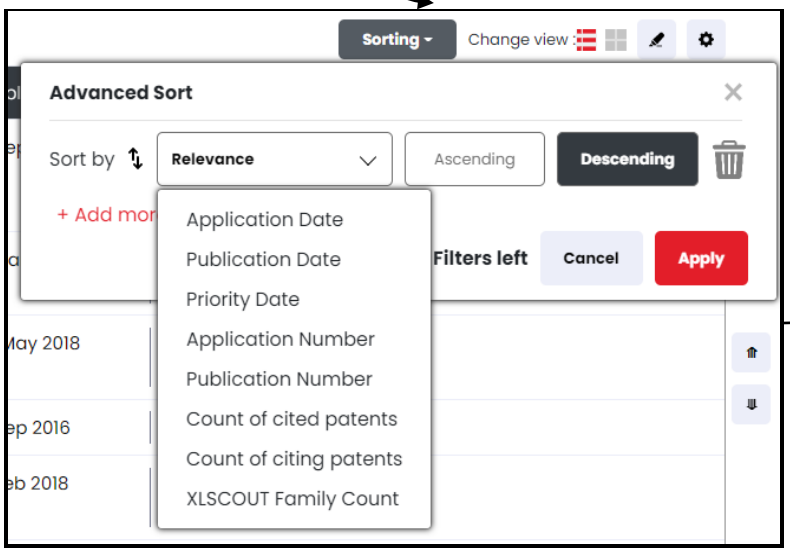


Click here to change the view of result list

Sorting



Sort the order of your results as per your requirements.

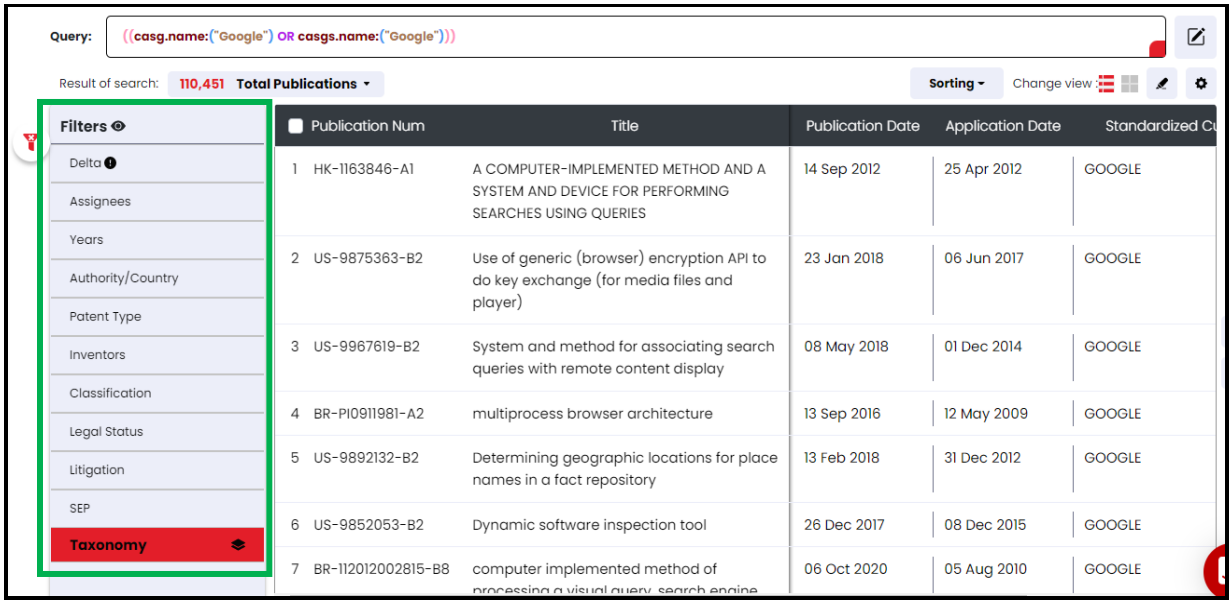


With this feature, the user can now sort the patent publications based on the following 9 parameters:

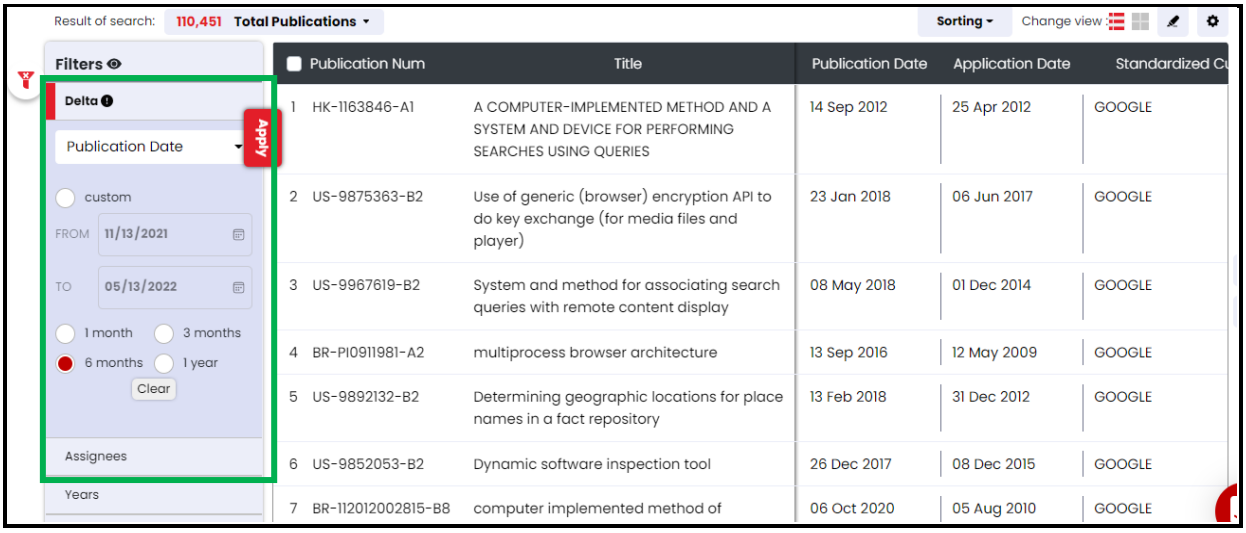
Relevance with respect to the query, Application Date, Publication Date, Priority Date, Application Number, Publication Number, XLSCOUT Family Count, Count of Cited Patents & Count of Citing Patents.

Features for Analysis

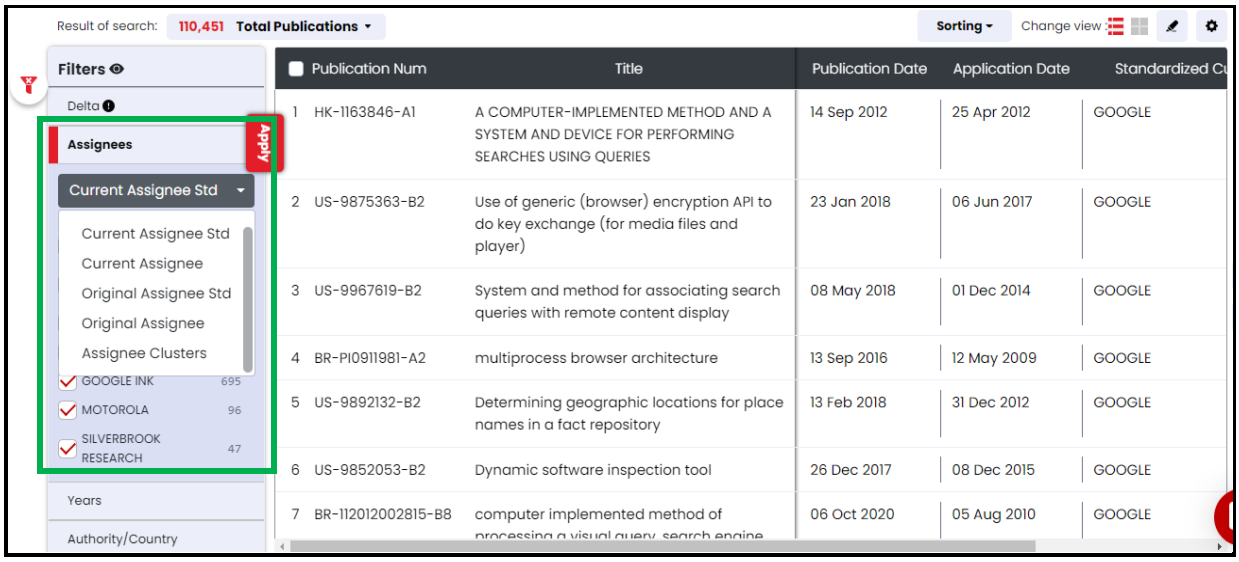
Filters



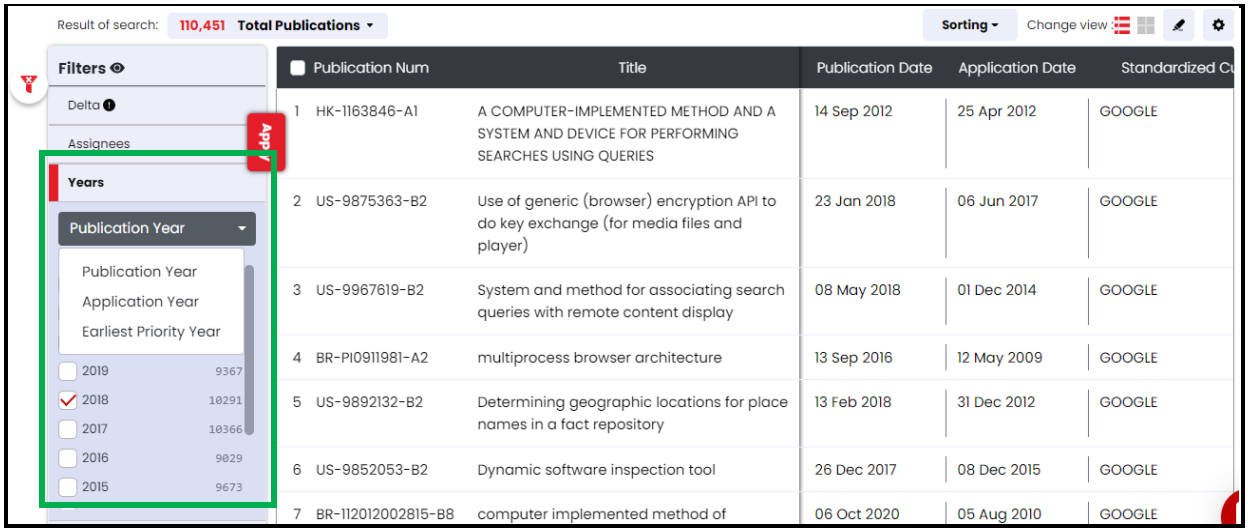
1. **Delta - View the recent patent publications directly with ease for different time durations and apply filter.**



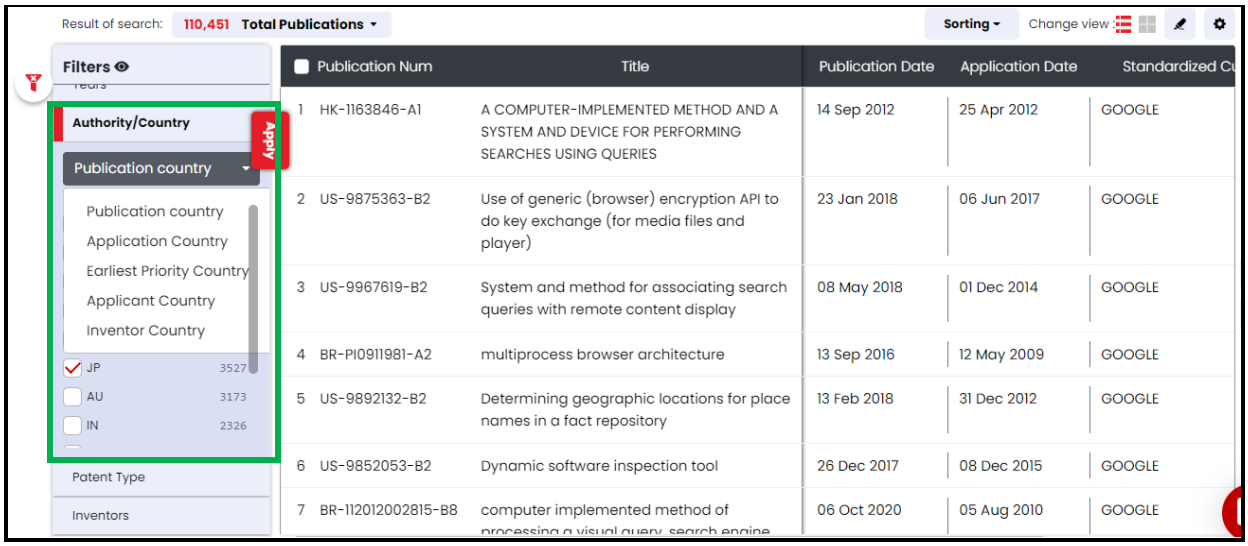
2. Assignees - Select the assignee category from the dropdown and apply filter



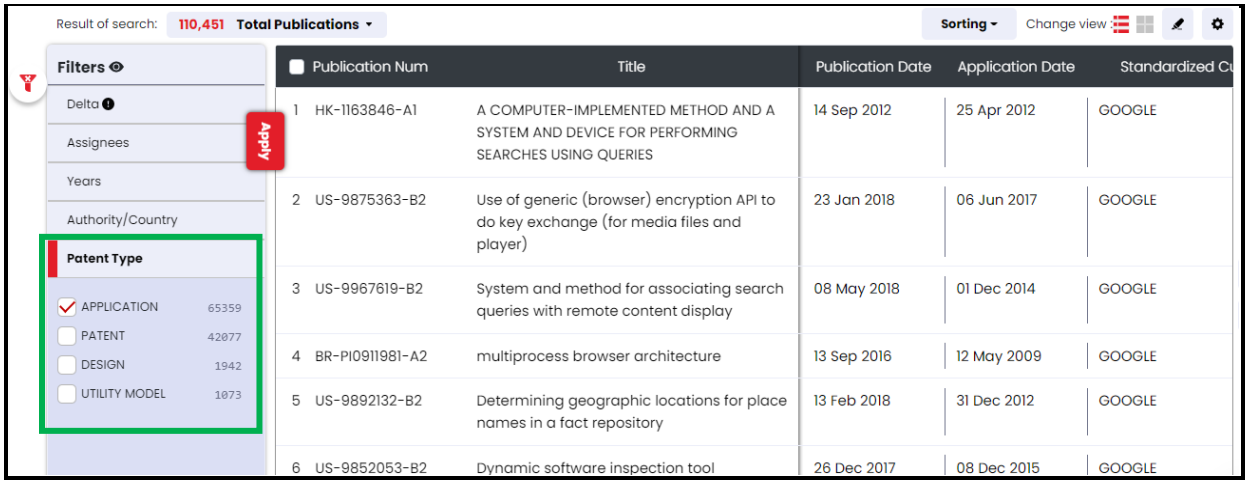
3. Years - Select the year category from the dropdown and apply filter



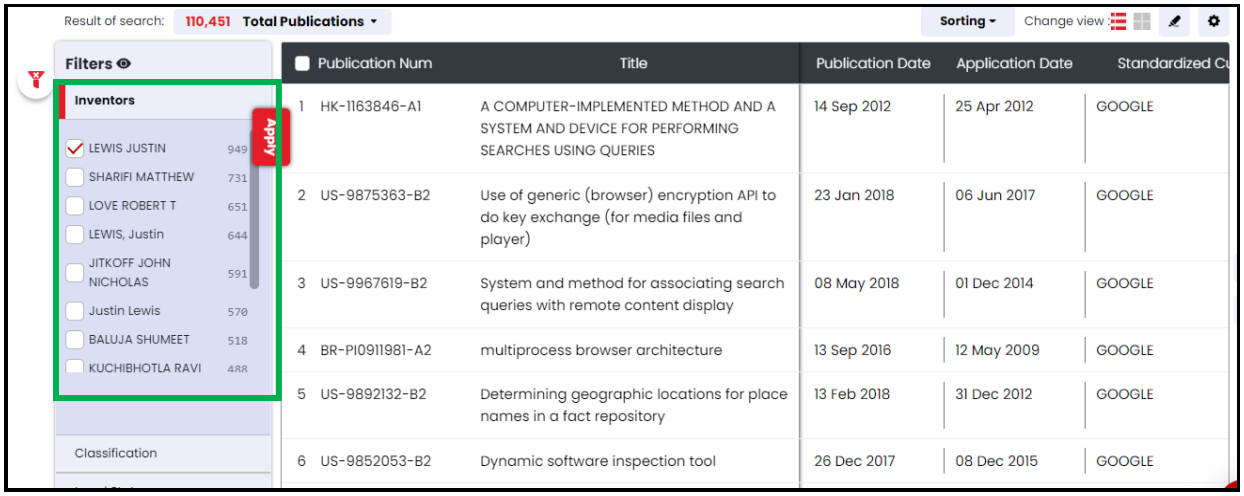
4. Authority/Country - Select the country category from the dropdown and apply filter



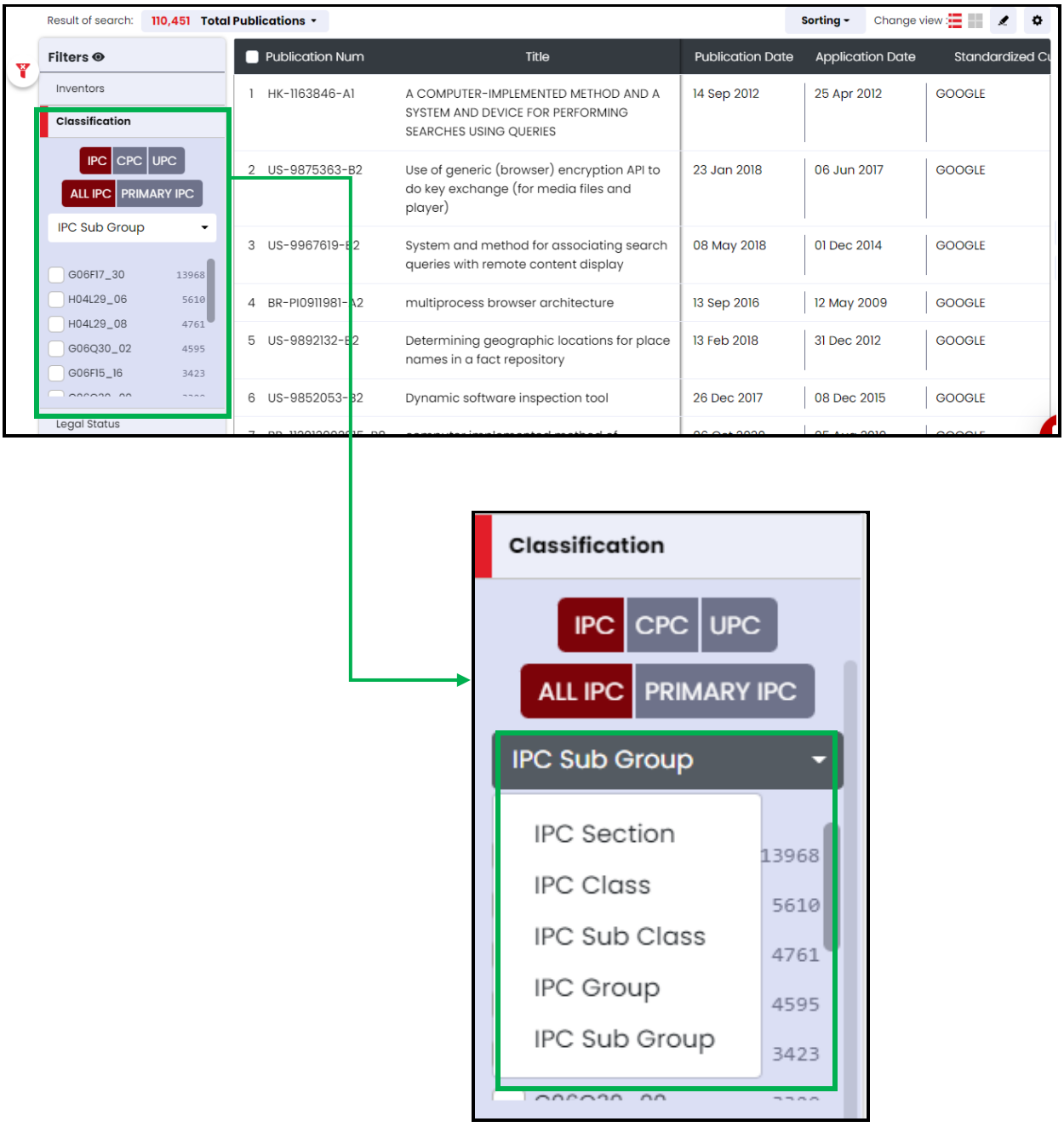
5. **Patent Type - Select the patent type category from the dropdown and apply filter**



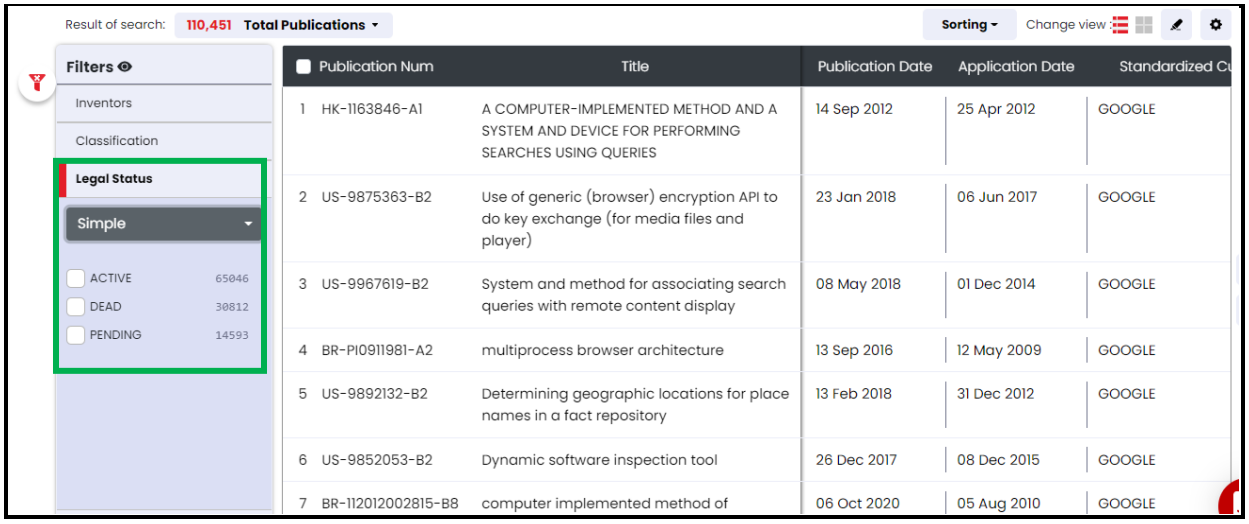
6. **Inventors - Select the inventor's name(s) from the dropdown and apply filter**



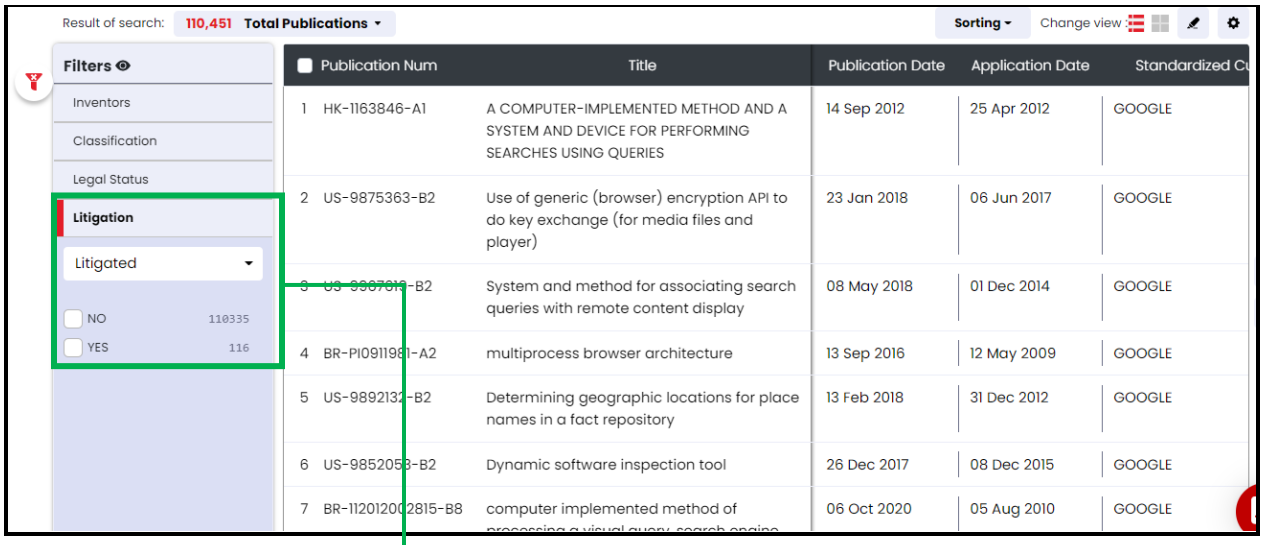
7. **Classification - Select the classification category and further select the level of classification to apply filter**

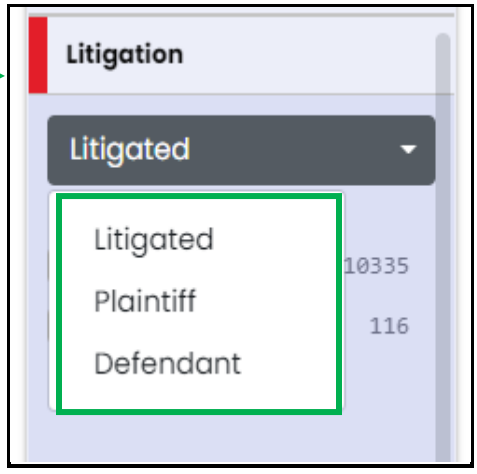


8. Legal Status - Select the legal status category to apply filter

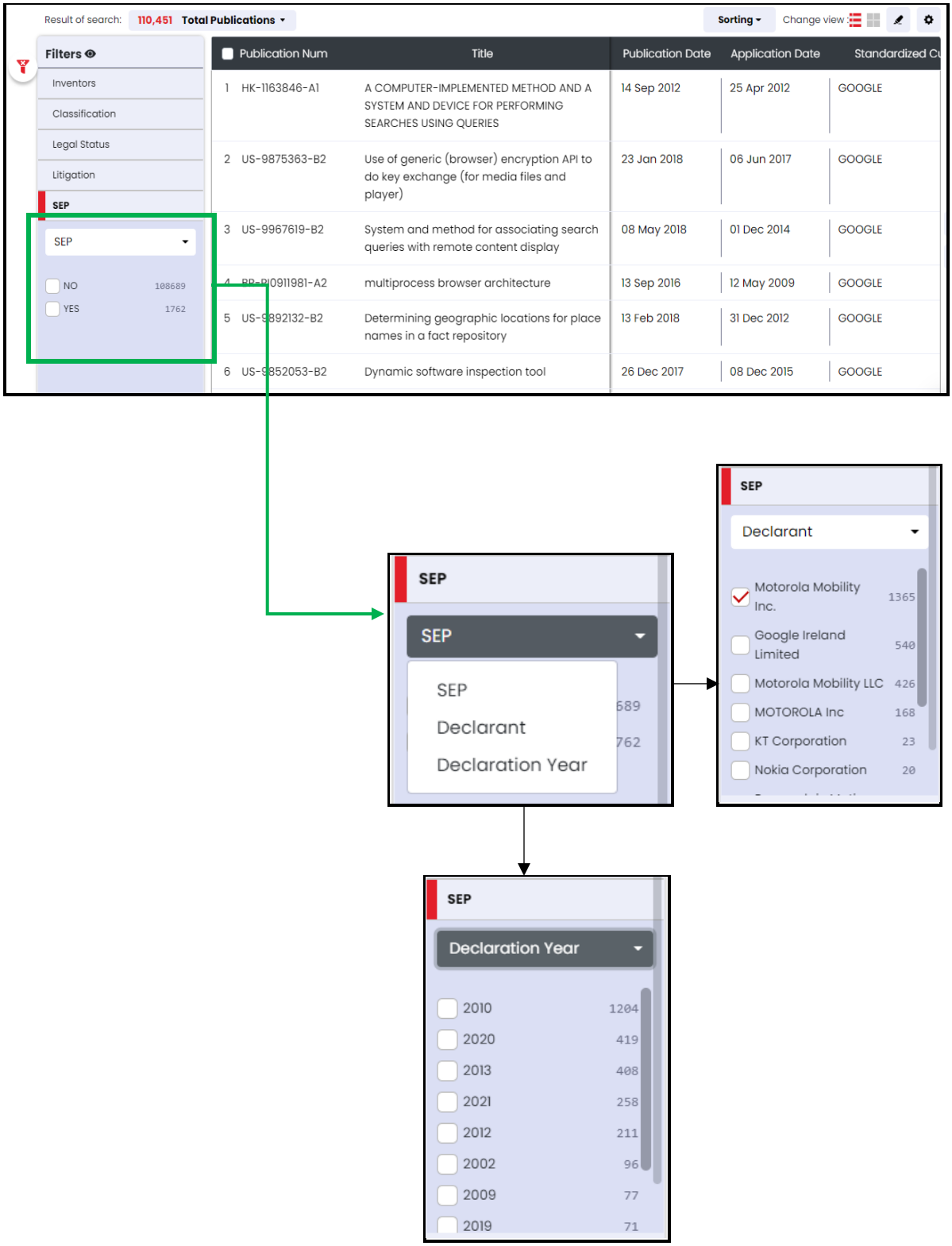


9. Litigation - Select the litigation type category to apply filter

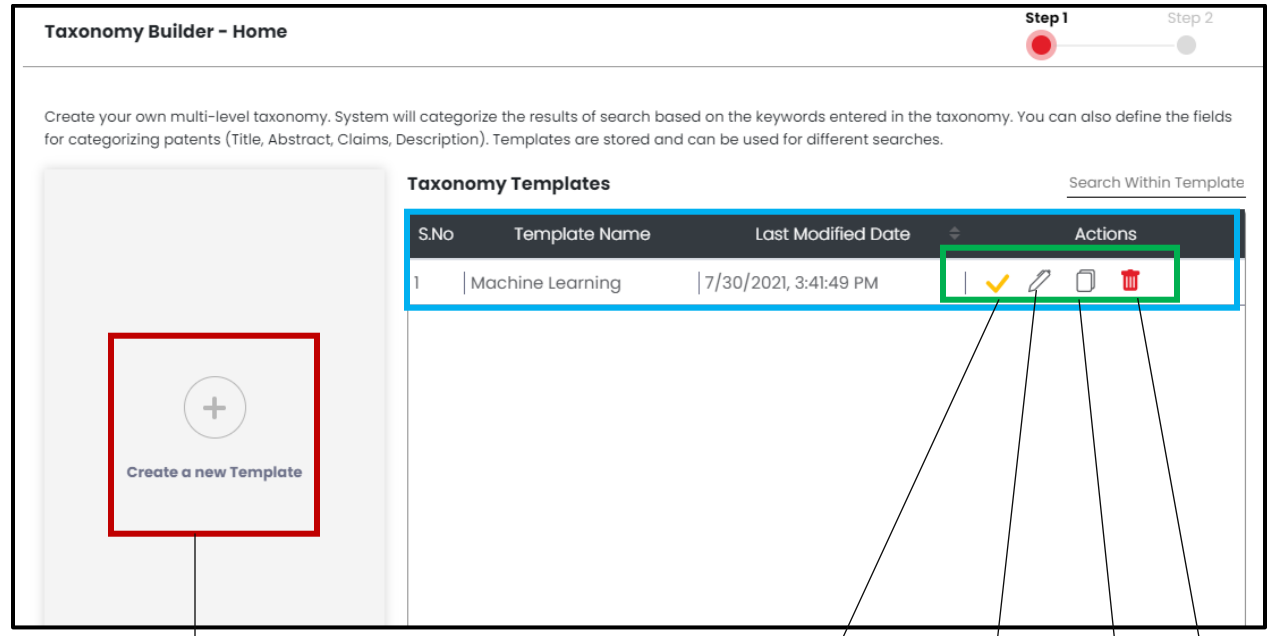




10. SEP - Select to view SEP publications and apply filter



Taxonomy Option



Click here to create a new template

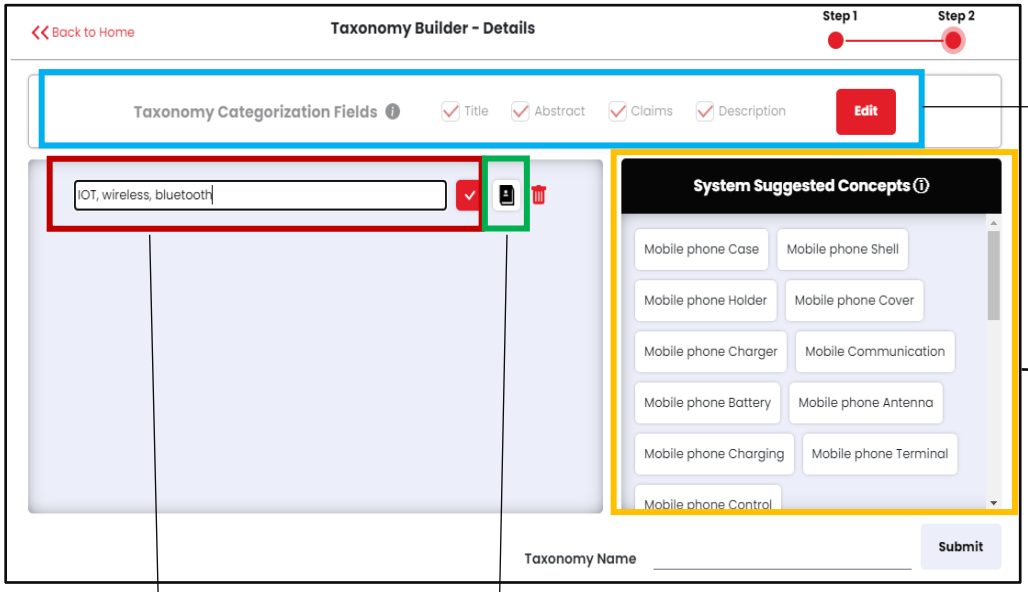
Apply a taxonomy

Edit categories in previously created taxonomy

Create a copy/duplicate a template

Delete a taxonomy template

Creating a taxonomy



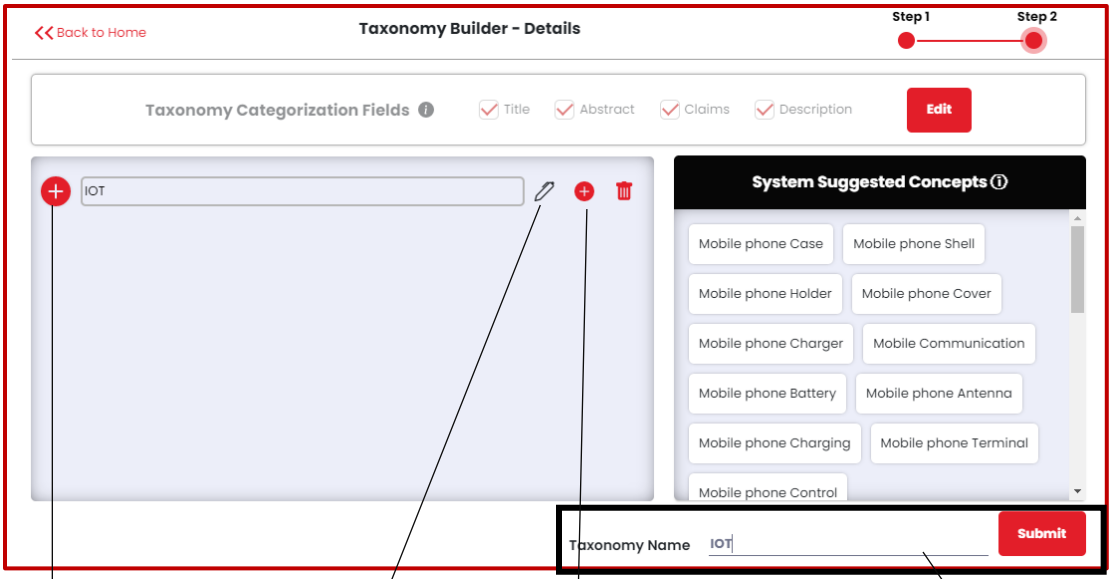
Select the text field(s) for categorization. By default, Title, abstract, claims are selected.

Click on **edit** to

Enter category keyword(s) and click on ✓ to save category

Use corpus to view synonyms for the entered keyword and add them in the taxonomy category

Drag and drop keywords from the 'System Suggested Concepts in the input box for category



Click on '+' to add more parent /main categories

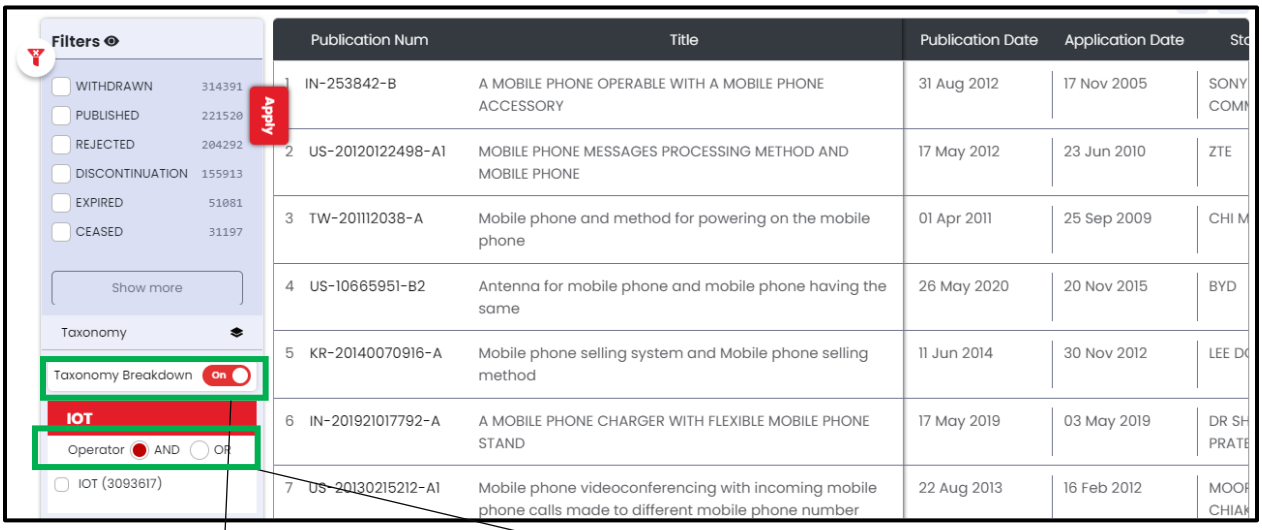
Click to modify the category

Click on '+' to add child/sub-category under the main category

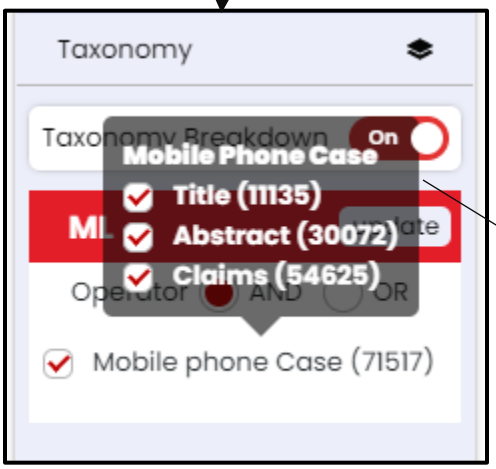
Enter the name of the taxonomy template and click on **submit** to save the taxonomy

View counts under the categories of the taxonomy – Counts are shown for each category

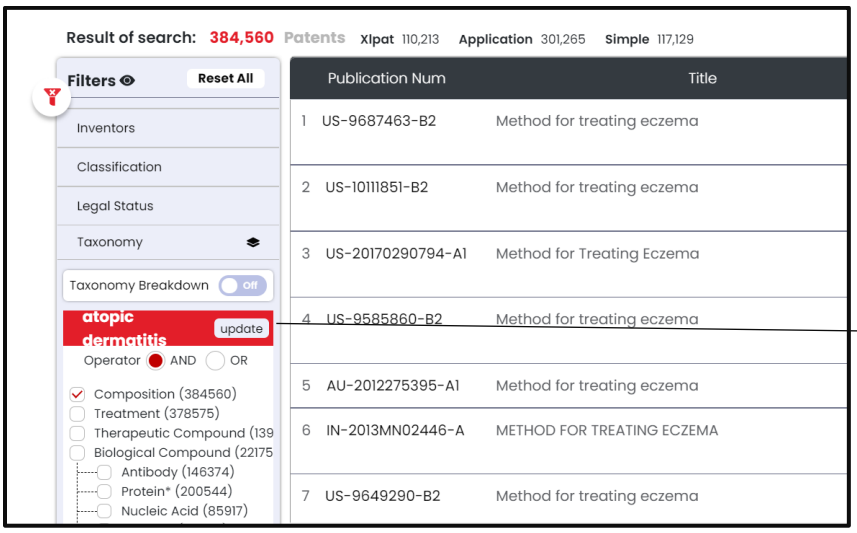
Eg. IOT (3093617)



Select the logical operator (AND/OR) to combine categories and apply filter



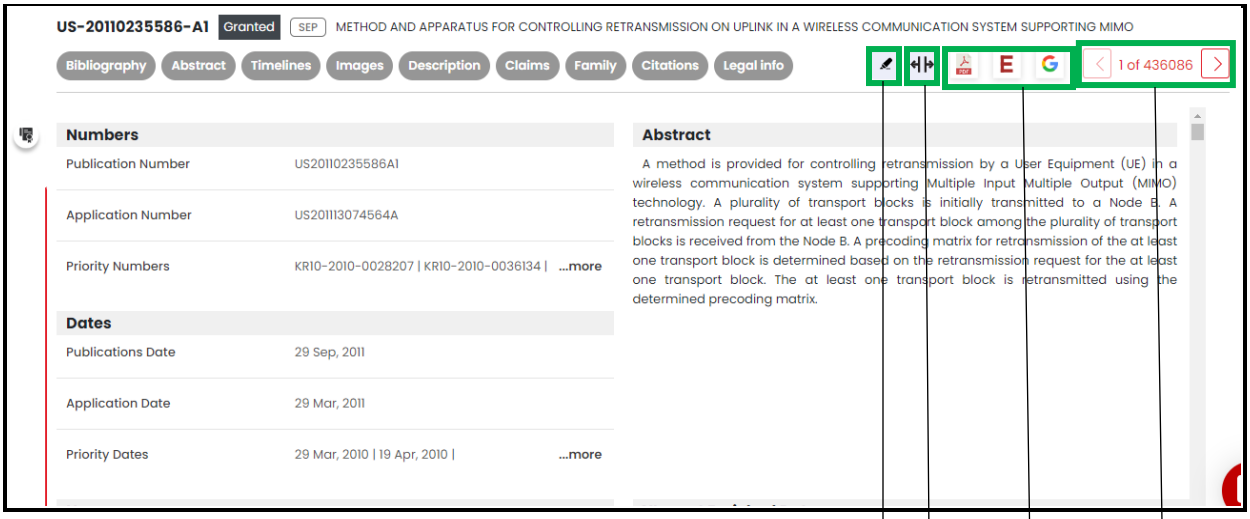
Click ON Taxonomy Breakdown button to view the counts under each of the selected text field



When a filter is applied, **update** button appears to update the counts in the

Patent Publication Details – Full View

Click on any patent publication number to view the complete patent publication details (Bibliography, Abstract, Timelines, Images, Description, Claims, Family, Citations, and Legal information).



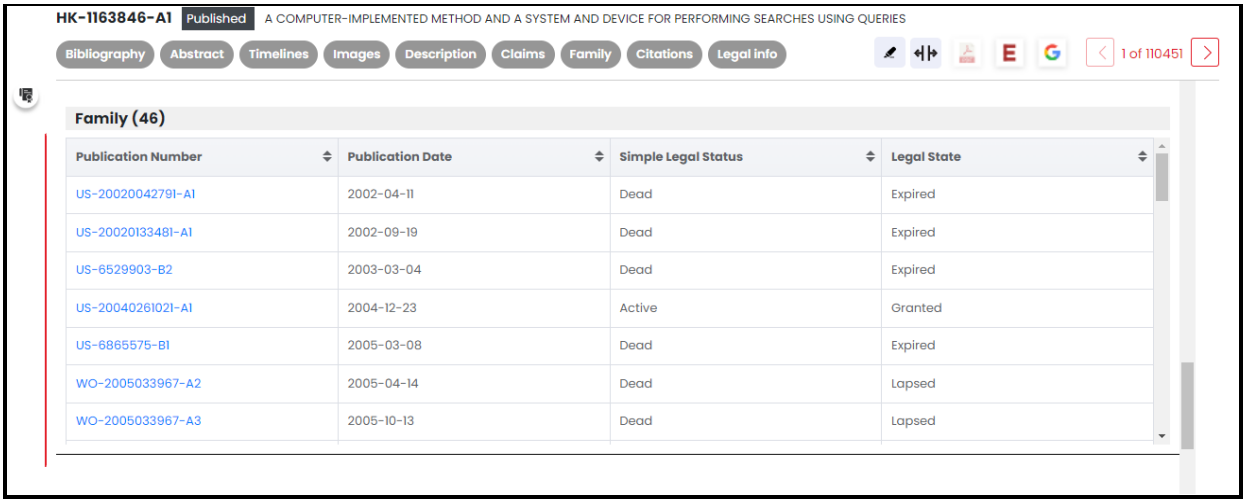
Click here Use Query Highlighter or Custom Highlighter to highlight keywords

Click here to expand images

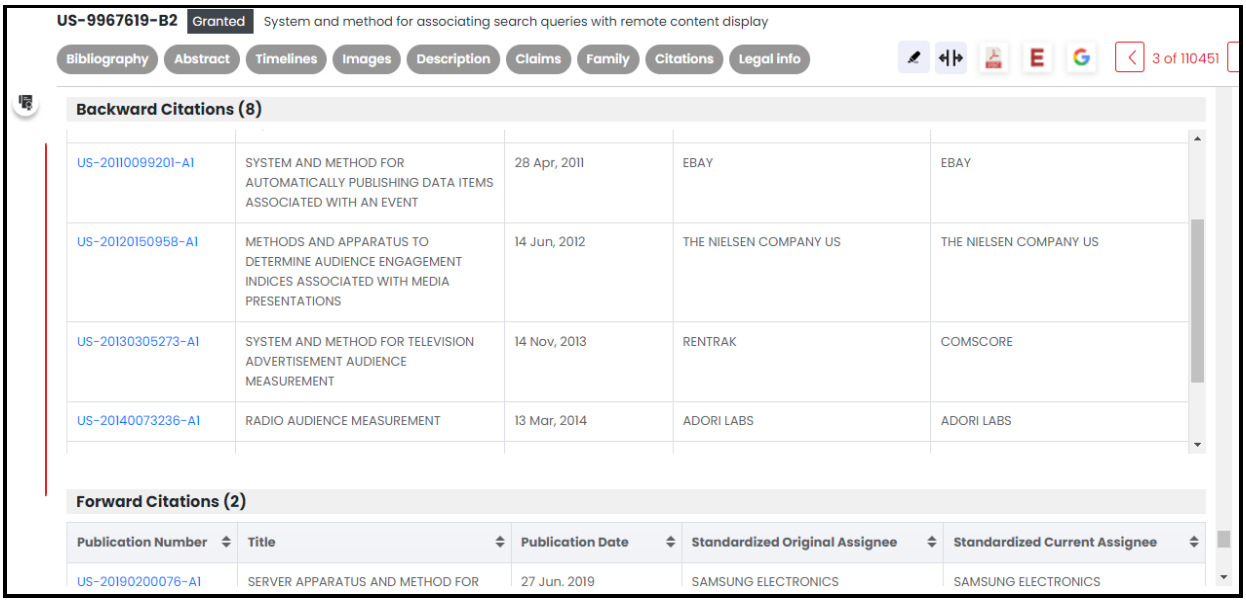
Click here to view the patent publication details in Espacenet and/or Google Patents

Click here to view the complete details of next or previous patent publications.

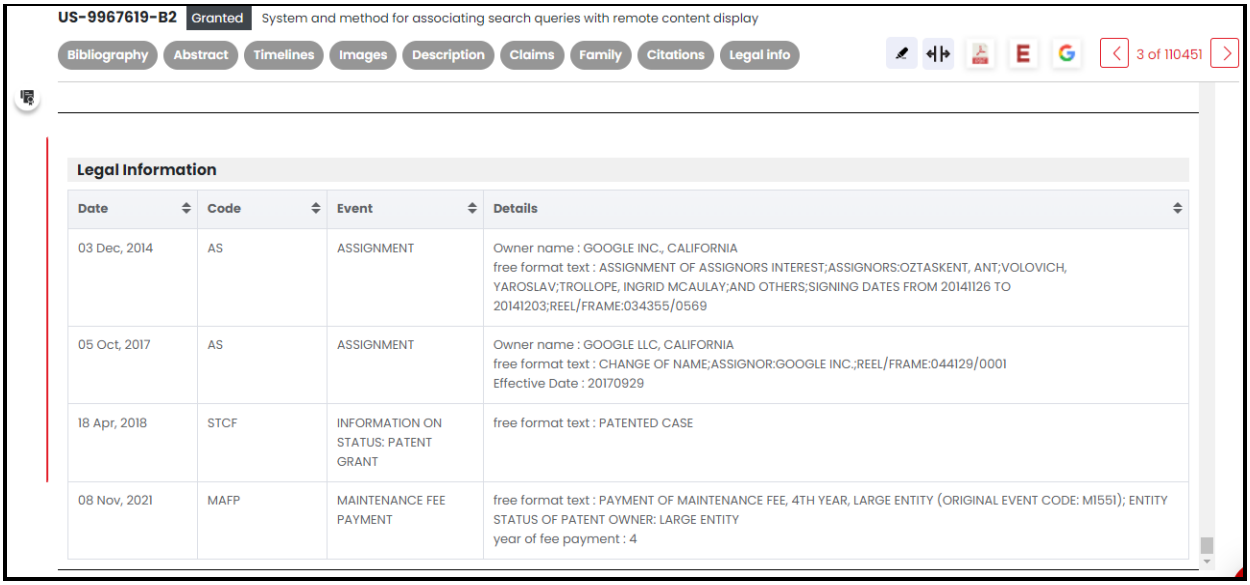
1. **Family Information Table – Family details with legal status are shown.**



2. **Citation Table – Forward and Backward Citations are shown.**



3. Legal Information Table



Legal Information

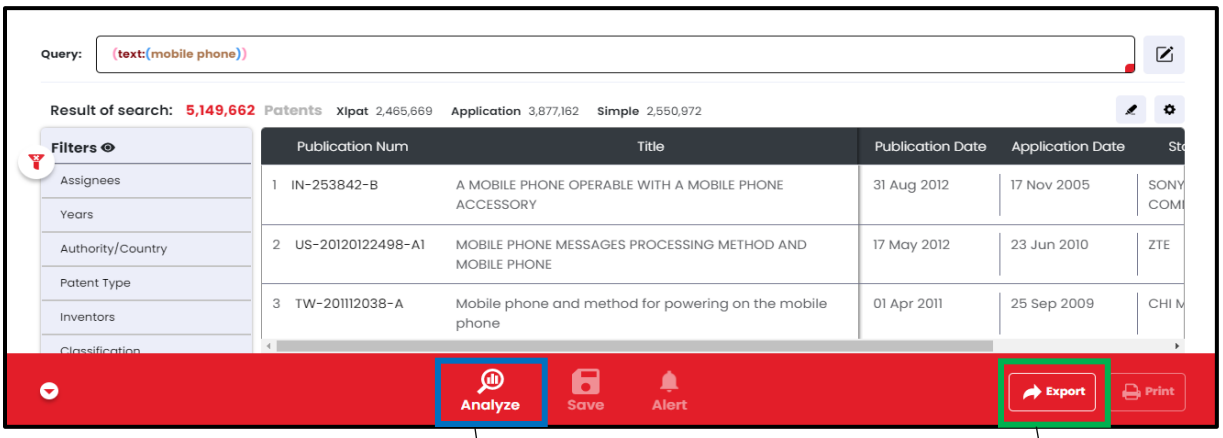
Date	Code	Event	Details
03 Dec, 2014	AS	ASSIGNMENT	Owner name : GOOGLE INC., CALIFORNIA free format text : ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:OZTASKENT, ANT;VOLOVICH, YAROSLAV;TROLLOPE, INGRID MCAULAY;AND OTHERS;SIGNING DATES FROM 20141126 TO 20141203;REEL/FRAME:034355/0569
05 Oct, 2017	AS	ASSIGNMENT	Owner name : GOOGLE LLC, CALIFORNIA free format text : CHANGE OF NAME;ASSIGNOR:GOOGLE INC.;REEL/FRAME:044129/0001 Effective Date : 20170929
18 Apr, 2018	STCF	INFORMATION ON STATUS: PATENT GRANT	free format text : PATENTED CASE
08 Nov, 2021	MAFP	MAINTENANCE FEE PAYMENT	free format text : PAYMENT OF MAINTENANCE FEE, 4TH YEAR, LARGE ENTITY (ORIGINAL EVENT CODE: M1551); ENTITY STATUS OF PATENT OWNER: LARGE ENTITY year of fee payment : 4

4. SEP (Standard Essential Patents) Table– SEP details are shown.

SEP

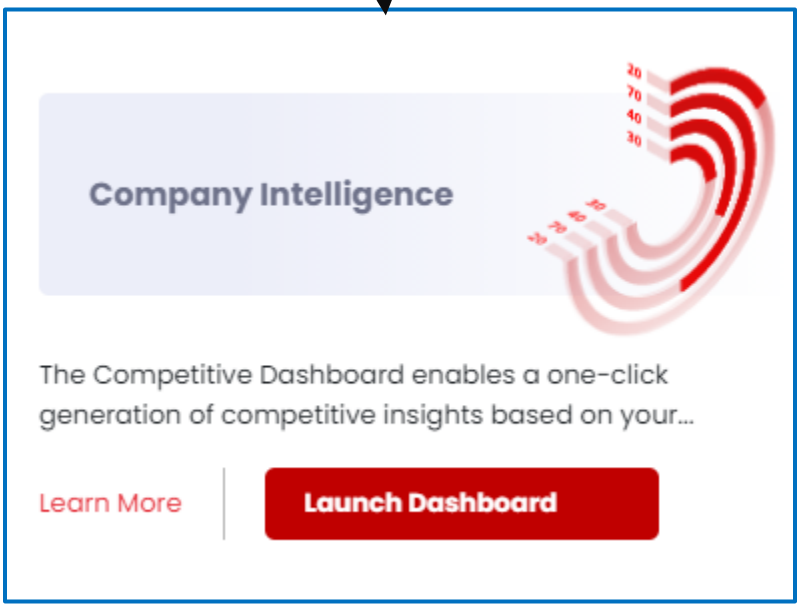
SSO Type	Standard Doc. Number	Declaration Date	Project	Declarant
ETSI	3GPP TS 36.213	2011-10-25	3GPP-EUTRAN,LTE	Samsung Electronics Co, LTD
ETSI	3GPP TS 36.213	2015-05-04	3GPP-EUTRAN,LTE	Samsung Electronics Co, LTD
ETSI	3GPP TS 38.214	2018-05-03	3GPP NR Rel 15	Samsung Electronics Co, LTD

Export & Analytics Option



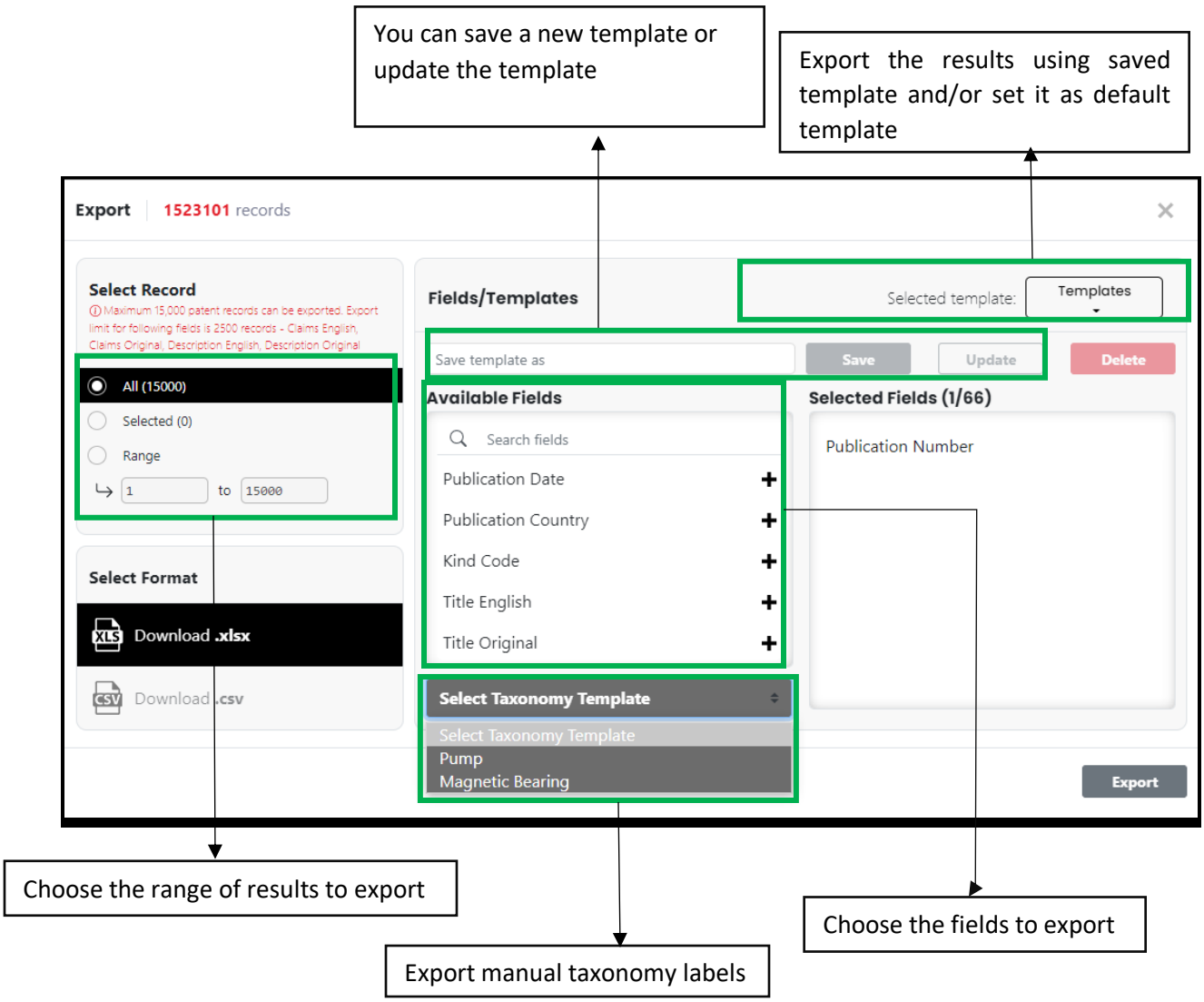
Click to view graphical analysis dashboards – Company intelligence dashboard

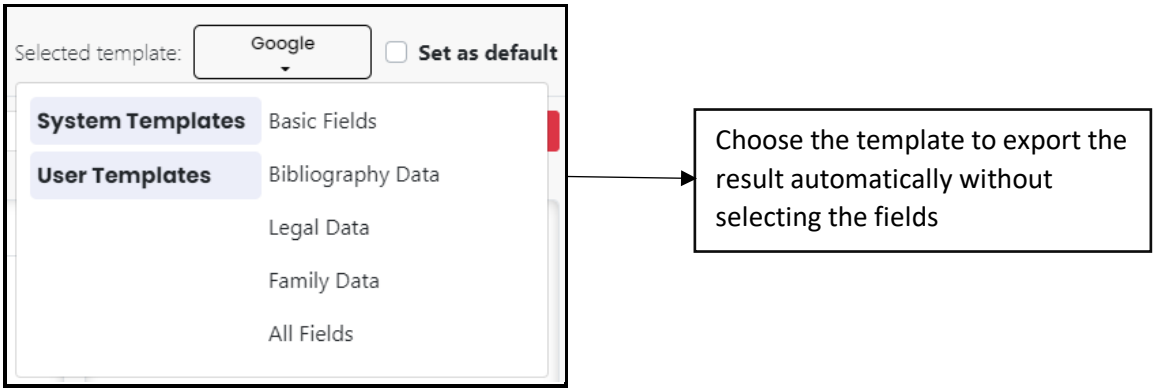
Export the results (within a limit of 15000) in .Xlsv file format



Next screen shows the dashboard for analysis

Export


You can save a new template or update the template
Export the results using saved template and/or set it as default template
Export
1523101 records
Select Record
Maximum 15,000 patent records can be exported. Export limit for following fields is 2500 records - Claims English, Claims Original, Description English, Description Original
All (15000)
Selected (0)
Range
1
to
15000
Select Format
Download .xlsx
Download .csv
Fields/Templates
Selected template:
Templates
Save template as
Save
Update
Delete
Available Fields
Search fields
Publication Date
Publication Country
Kind Code
Title English
Title Original
Selected Fields (1/66)
Publication Number
Select Taxonomy Template
Select Taxonomy Template
Pump
Magnetic Bearing
Export
Choose the range of results to export
Export manual taxonomy labels
Choose the fields to export

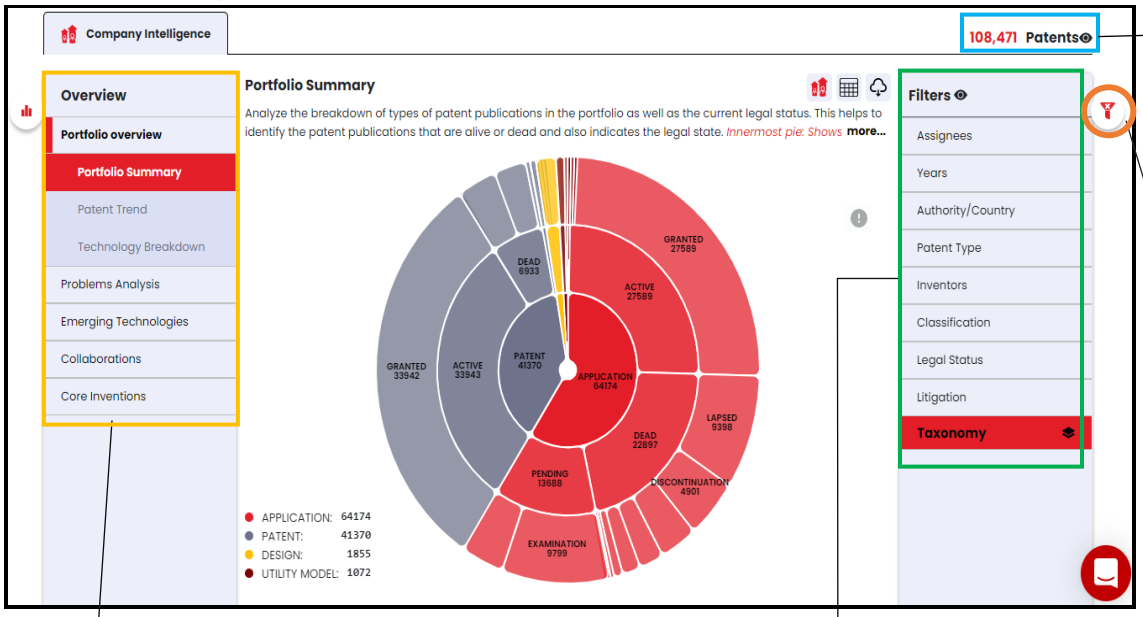

Selected template:
Google
Set as default
System Templates
User Templates
Basic Fields
Bibliography Data
Legal Data
Family Data
All Fields
Choose the template to export the result automatically without selecting the fields

Analytics- View Graphical Dashboards

Company Intelligence Dashboard

Portfolio Overview

1. Portfolio Comparison

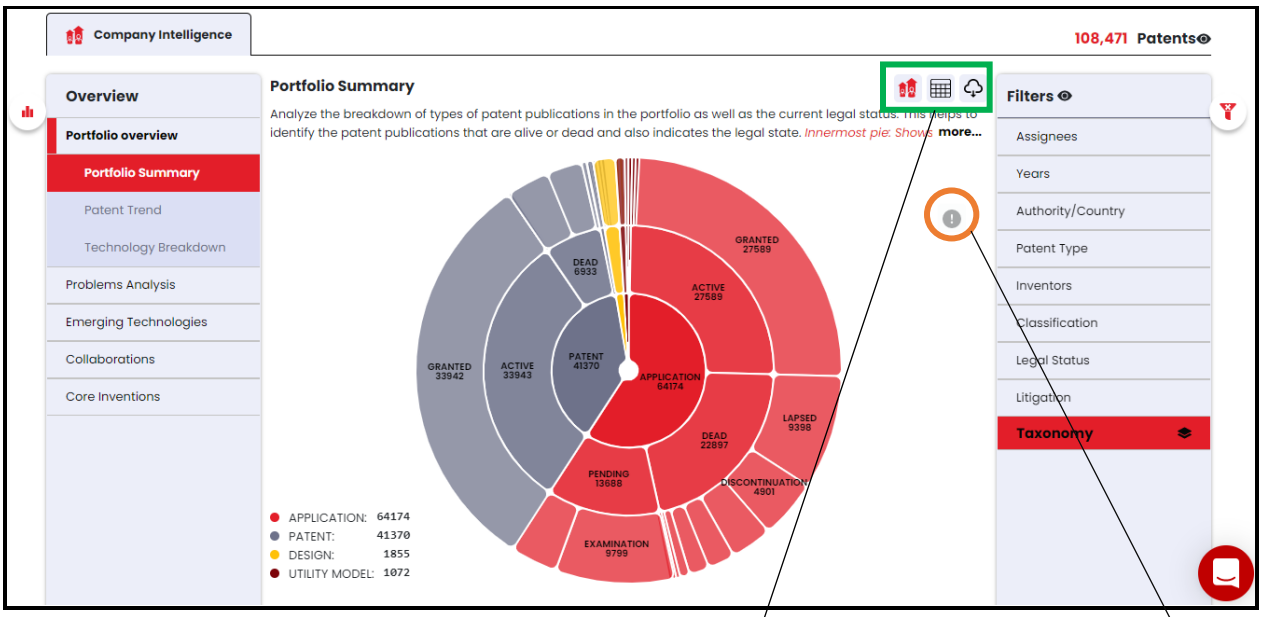


Count of results on which visualization

Click on the icon to collapse the filter pane

List of all the visualizations available in this dashboard

- Filter panel showing list of all the filters that can be applied to view visualization on filtered dataset
- Filter function in the same manner as those



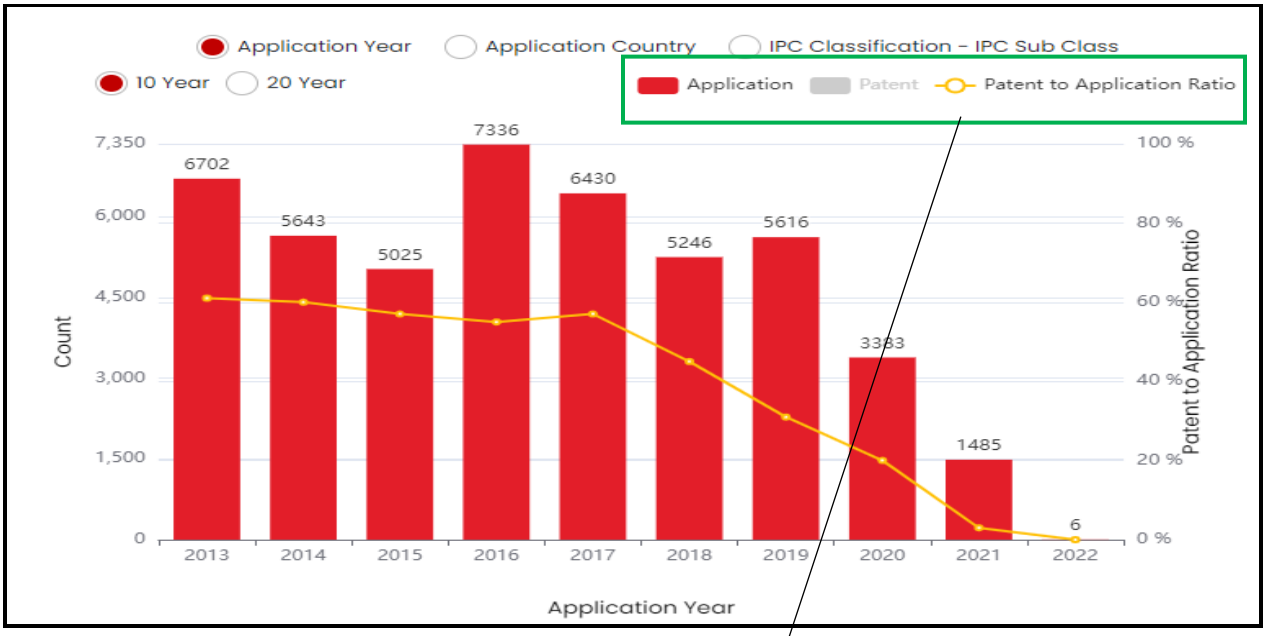
Graphical visualization

Tabular visualization

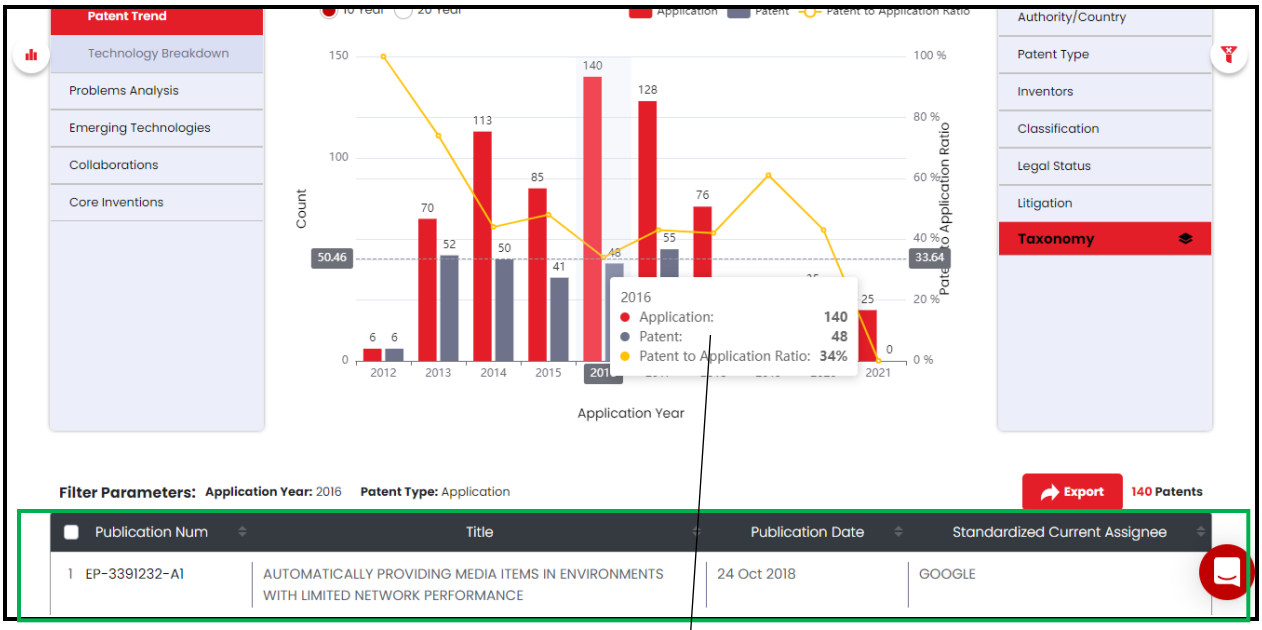
Download graph in image format or tabular data in Xlsx format

Click on the '!' icon to view information on click and filter functionality of the chart

2. Patent Trend

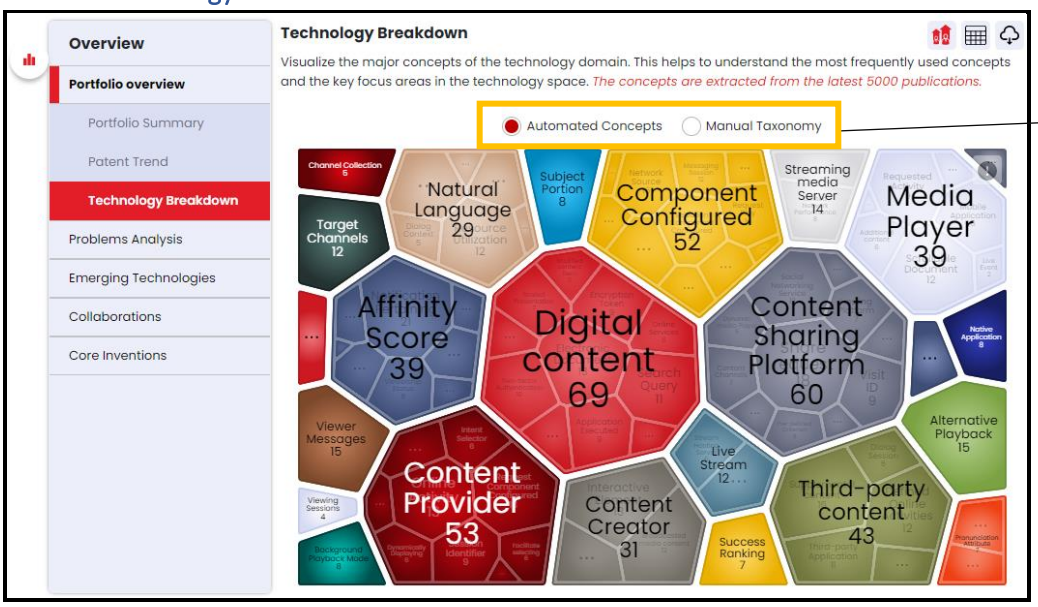


Click on the required type of patent i.e Application or Patent with or without Patent to Application ratio.



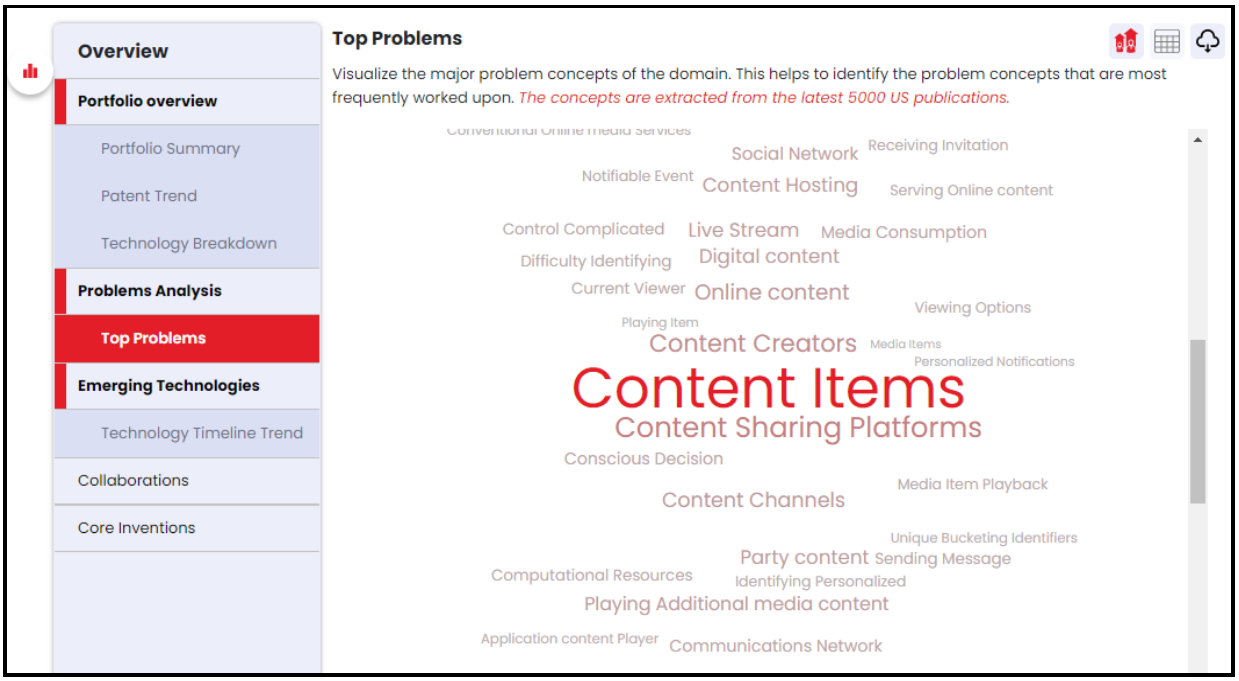
Click on graph segment to filter the results. The filtered result list is shown below the graph

3. Technology Breakdown



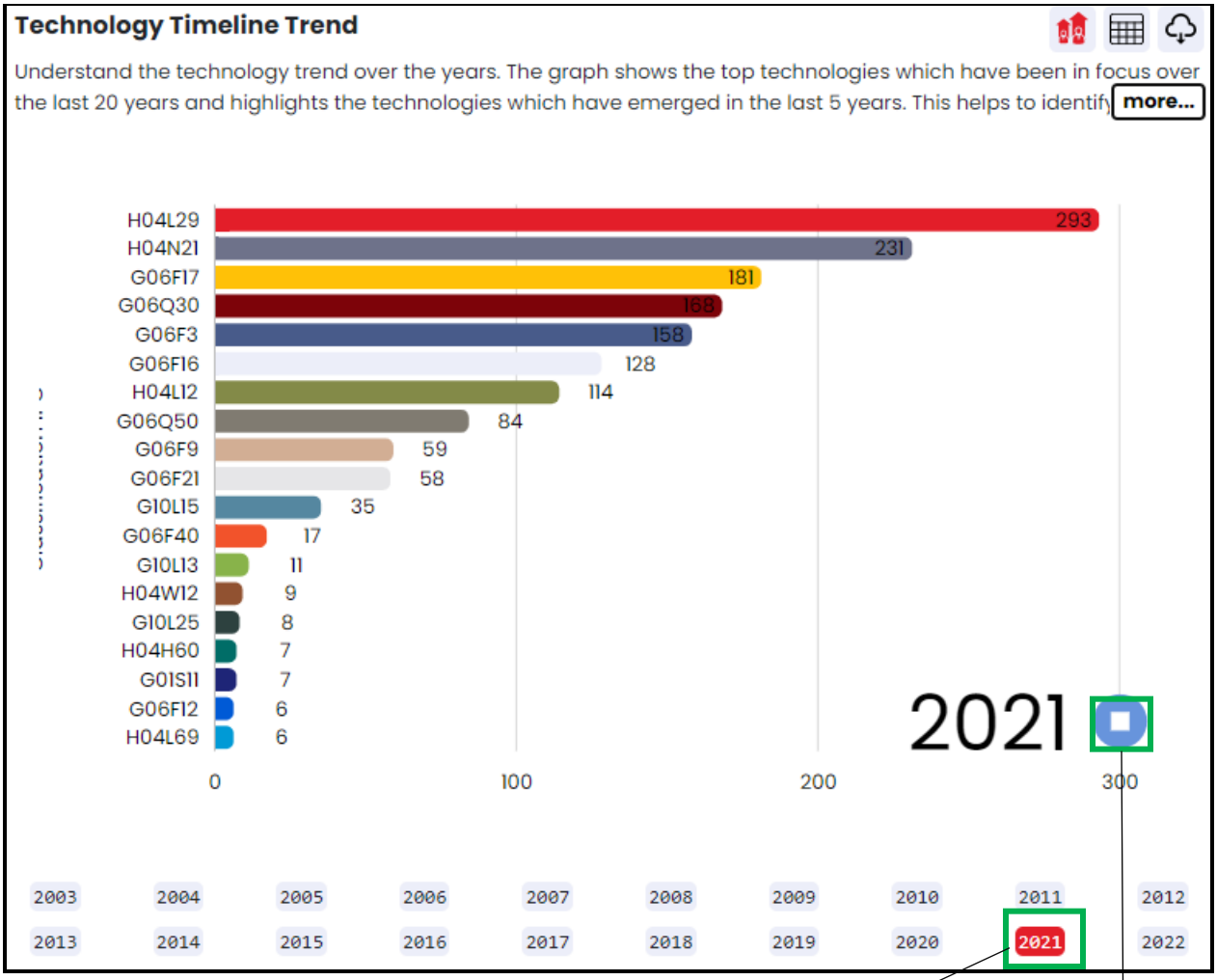
Use radio button to view breakdown visualization on automated concepts or manual taxonomy

1. Problem Analysis



Technology Comparison

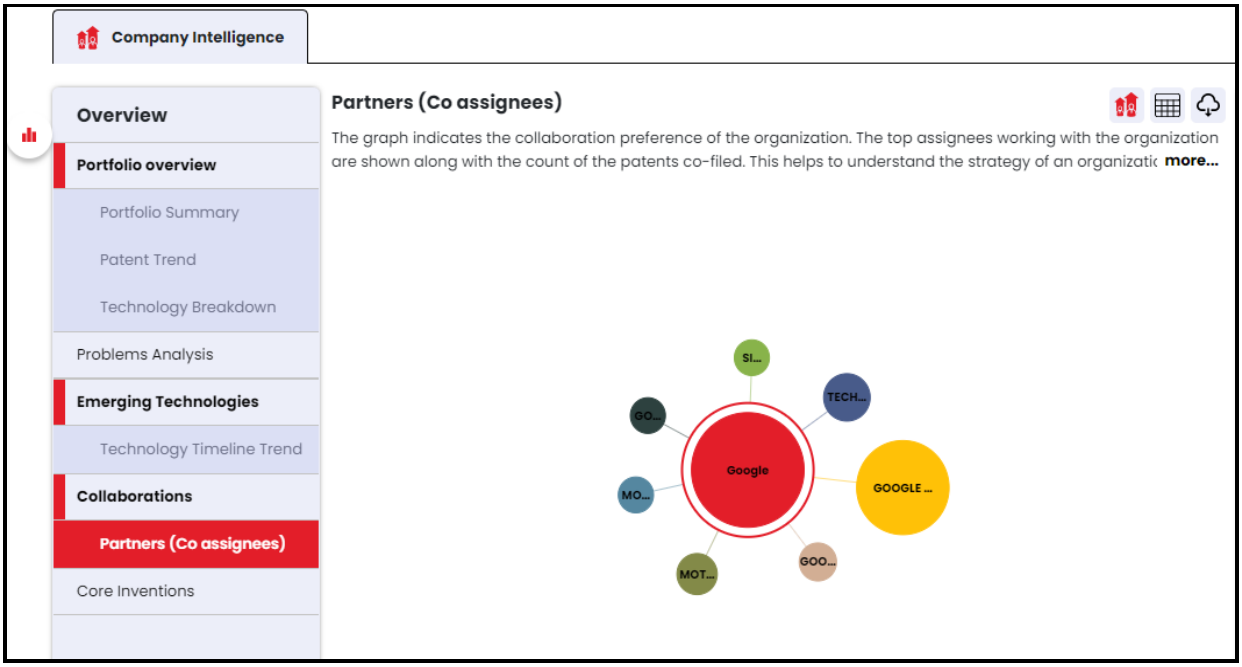
1. Technology Timeline Trend



Click on any year to view data of the particular year

Click on the icon to play/pause the visualization

Collaboration



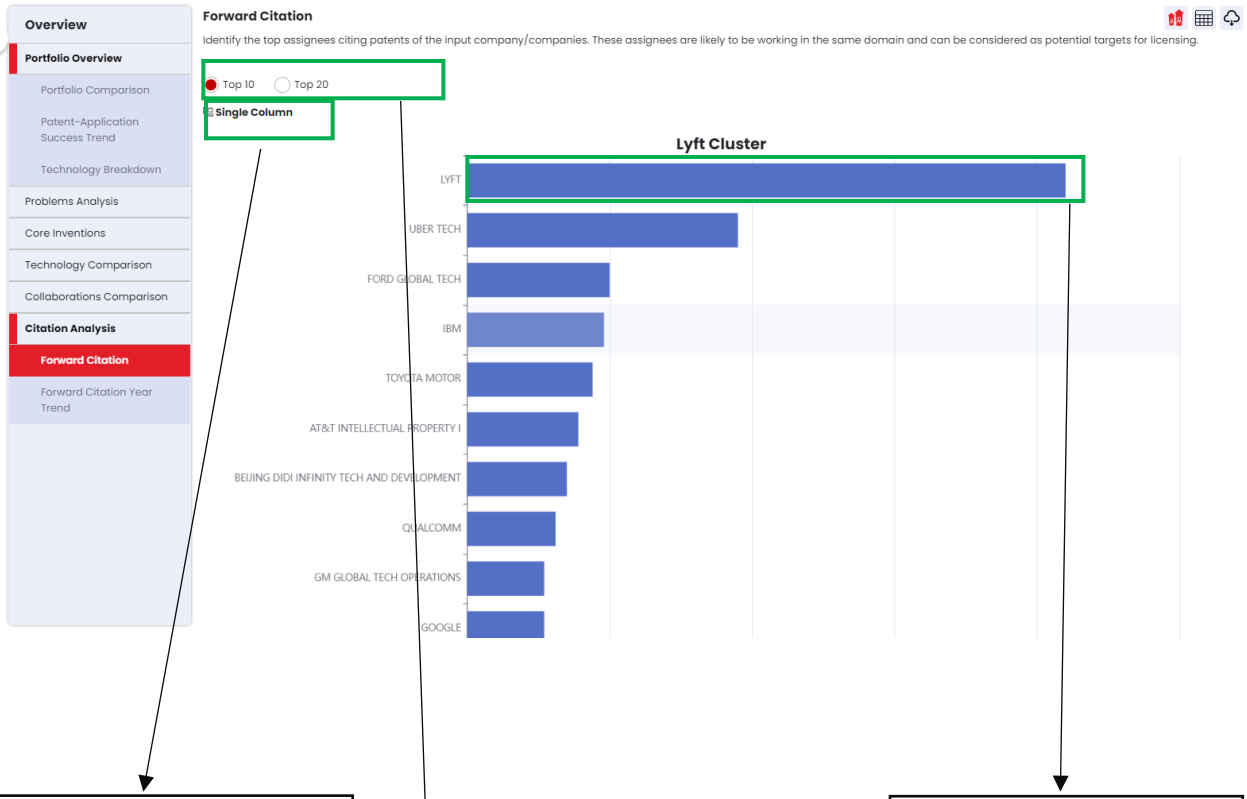
Core Invention

1. Core Publication

Use radio button to select Top 10 or Top 20 patent numbers to view.

Citation Analysis

1. Forward Citation

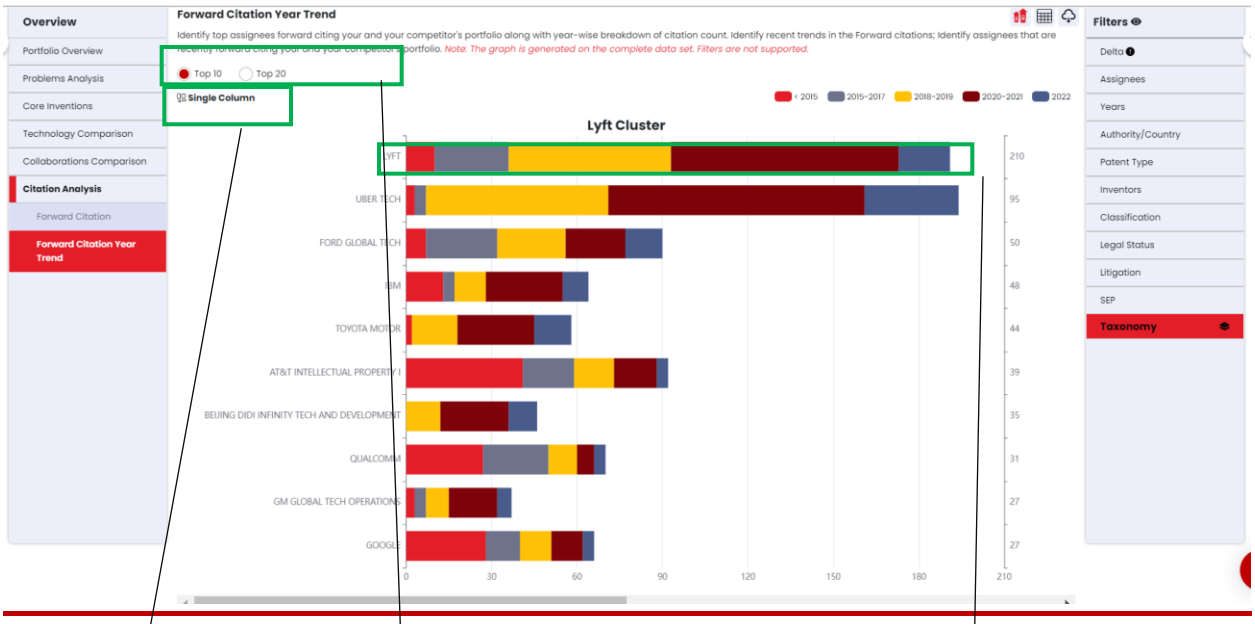


Toggle between 'Single Column' or 'Double Column' to display companies in two columns or a single column.

Use radio button to select Top 10 or Top 20 forward citing assignees.

Click on the 'bar' to see the list of patents of input company which are cited by the top assignees.

2. Forward Citation Year Trend

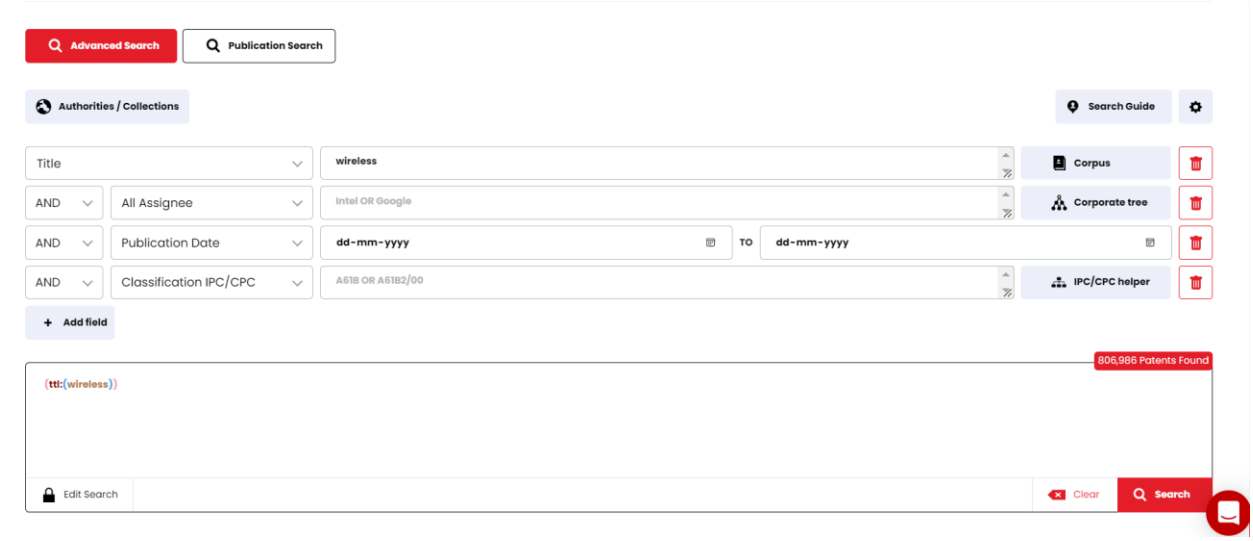


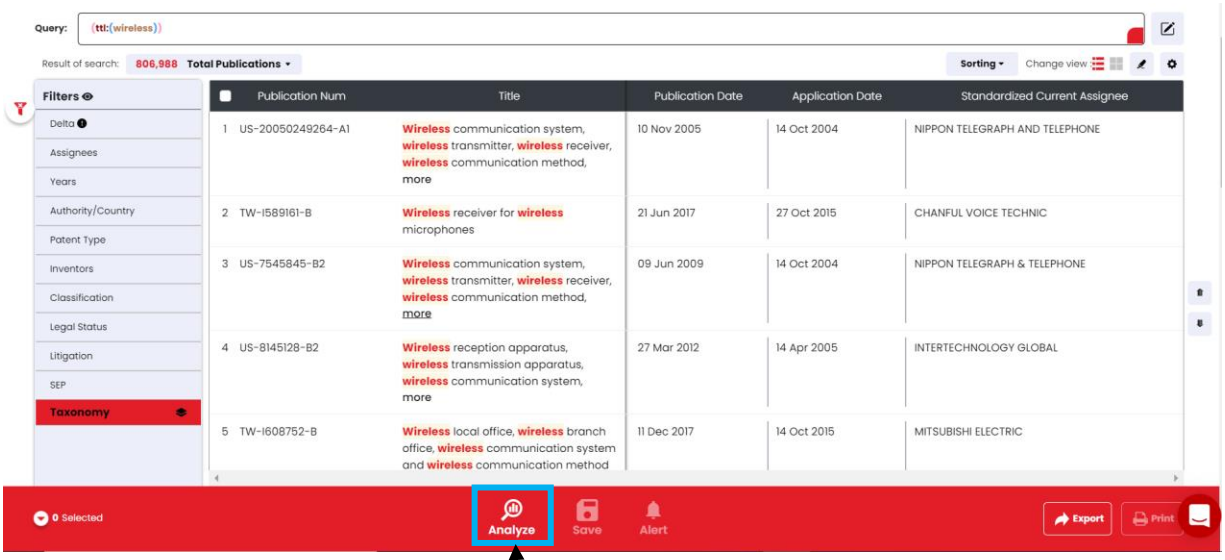
Toggle between 'Single Column' or 'Double Column' to display companies in two columns or a single column.

Use radio button to select Top 10 or Top 20 forward citing assignees.

Click on the 'bar' to see the list of patents involved in forward citation with respect to the years.

Graph Wizard

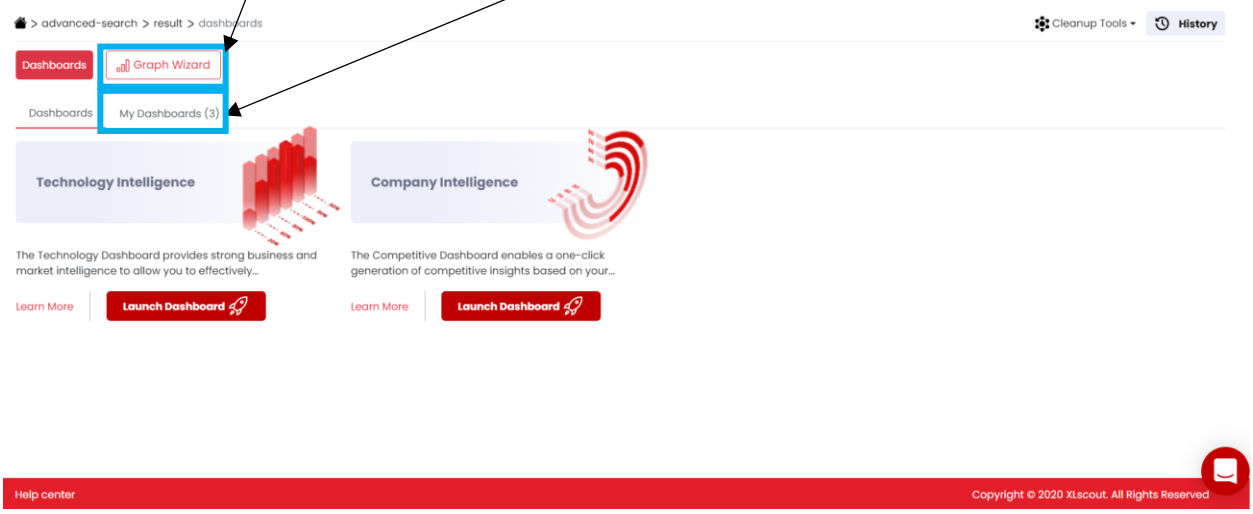




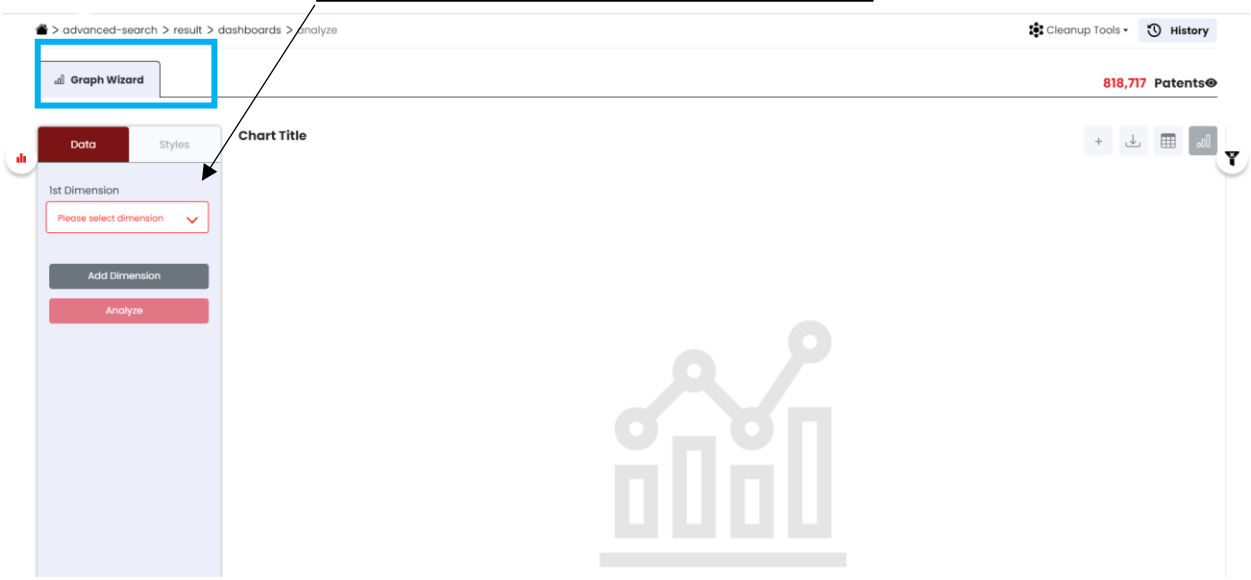
Click on analyze button. This will redirect to dashboard page.

Click on Graph Wizard button to enter the module.

Click on My Dashboards to view custom Dashboards.



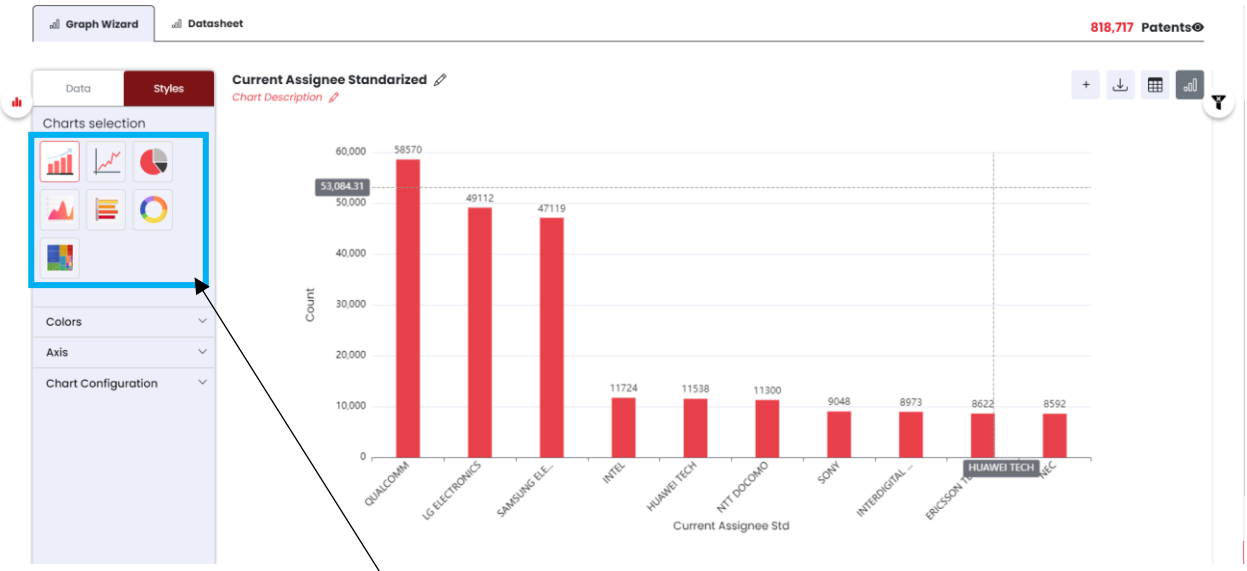
Select on 1st dimension from dropdown.



Select on 1st dimension from dropdown. For example, current assignee Std

Click on add dimension to add 2nd dimension from dropdown.

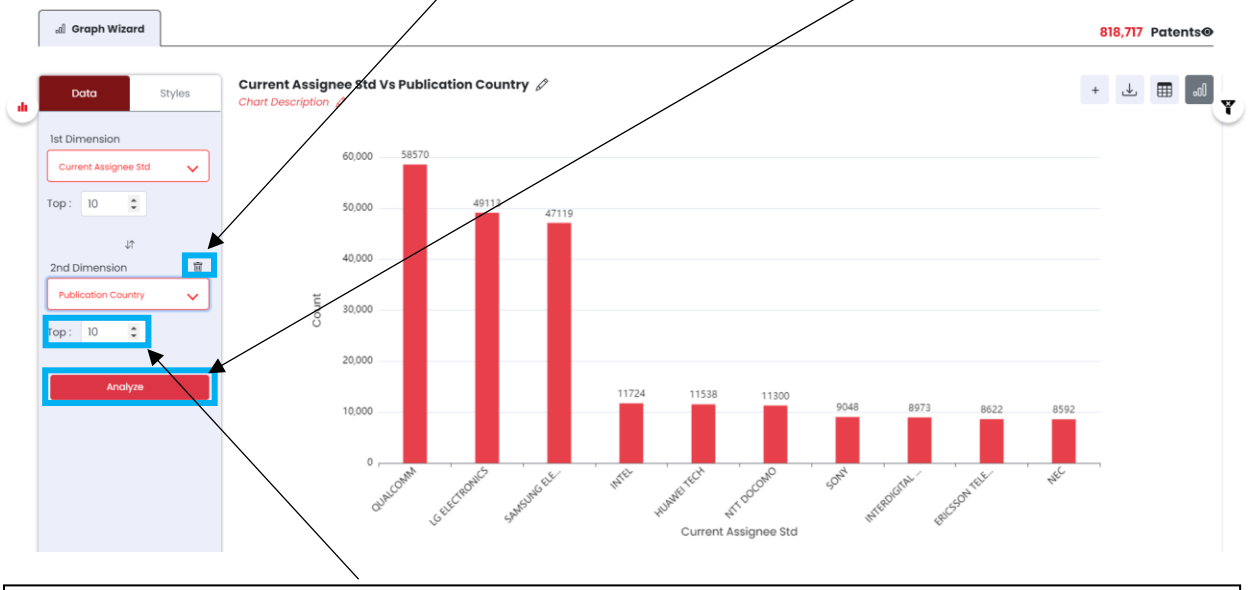
Click on analyze button to generate one dimension graph.



Select different chart to analyze the data in different configuration such as pie chart, bar chart.

Click on the button to remove 2nd dimension.

Click on analyze button to generate two-dimension graph.



User gets a graph of top 10 values for each parameter. However, use can modify this value to anything between 1 to 20 for each dimension as per their use case.

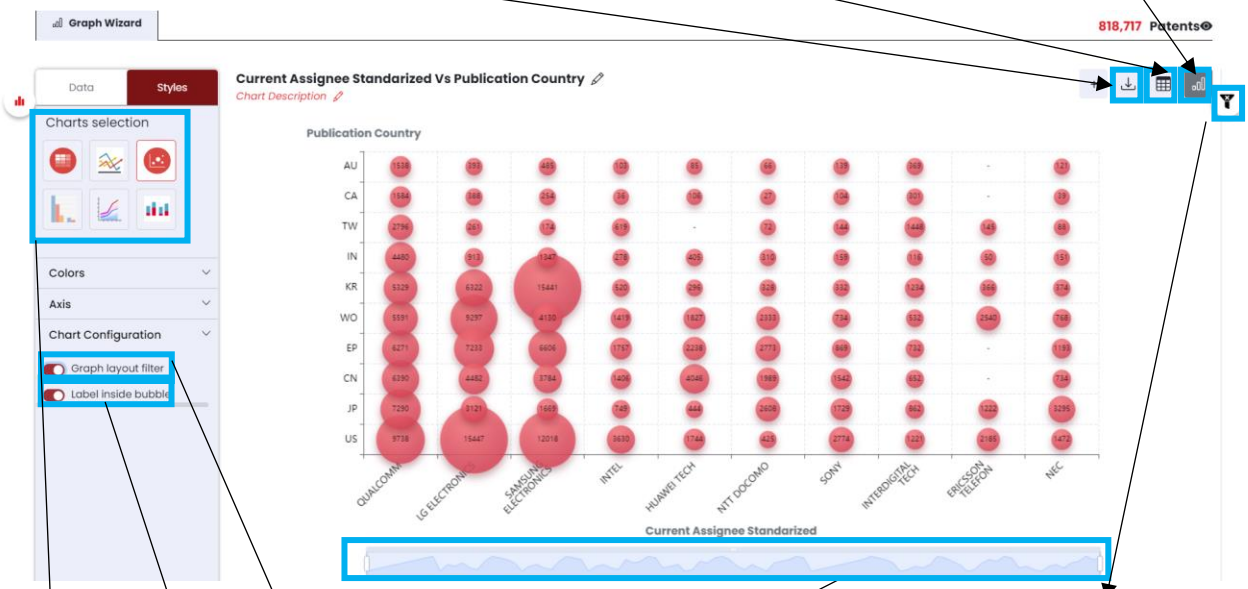
Click on button to change axis of two-dimension graph.

Click on ✎ icon to edit chart name and chart description

Click on button to download the graph.

Click on button to view the data in tabular form.

Click on button to view the data in graphical form.

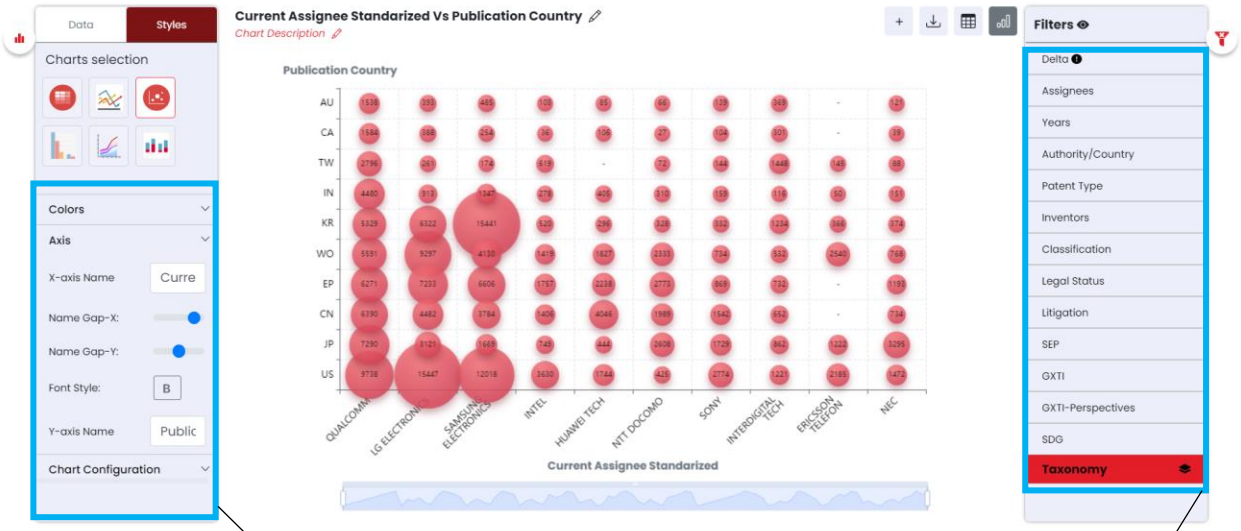


Slide the button to activate graph layout filter.

Click on the button to view to filters.

Slide the button to show data labels inside the bubble chart.

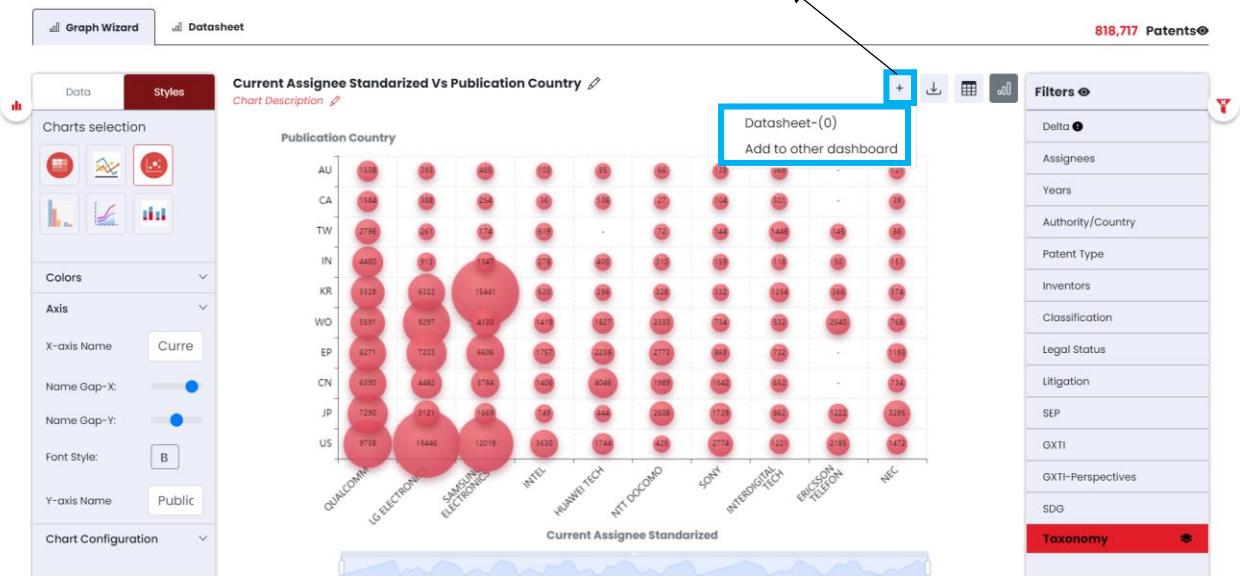
Select different chart to analyze the data in different configuration such as bubble chart, stacked bar chart, grouped column chart.

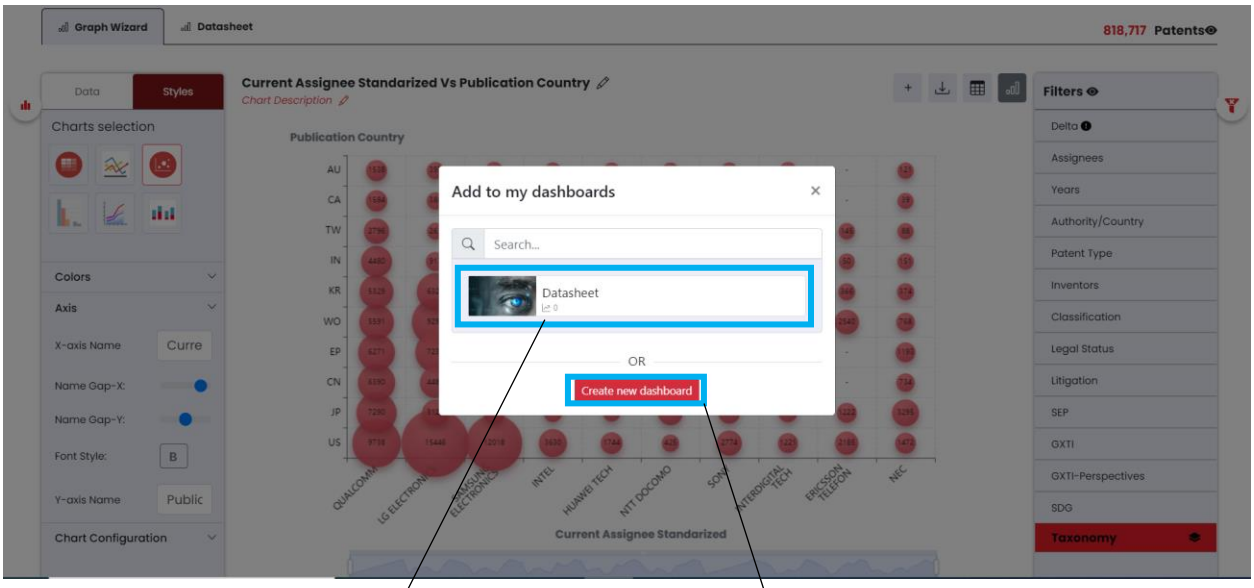


Customise the charts using different customisation options

Filter the data using different filter options.

Click on button to add the chart to dashboard.

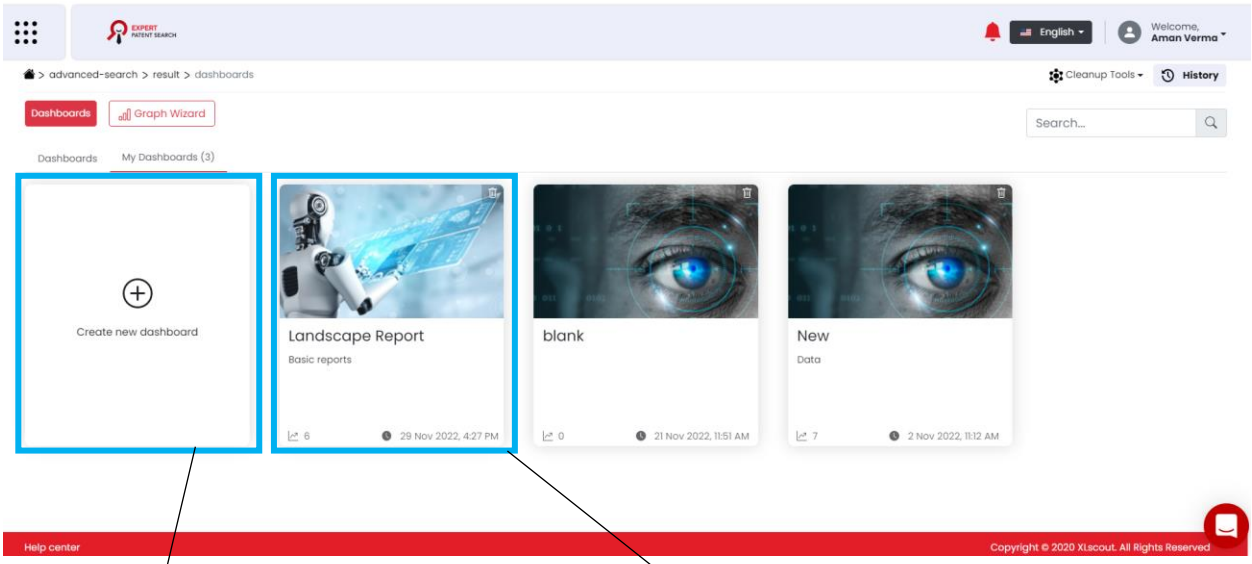




Select the Dashboard to add the graph to Dashboard

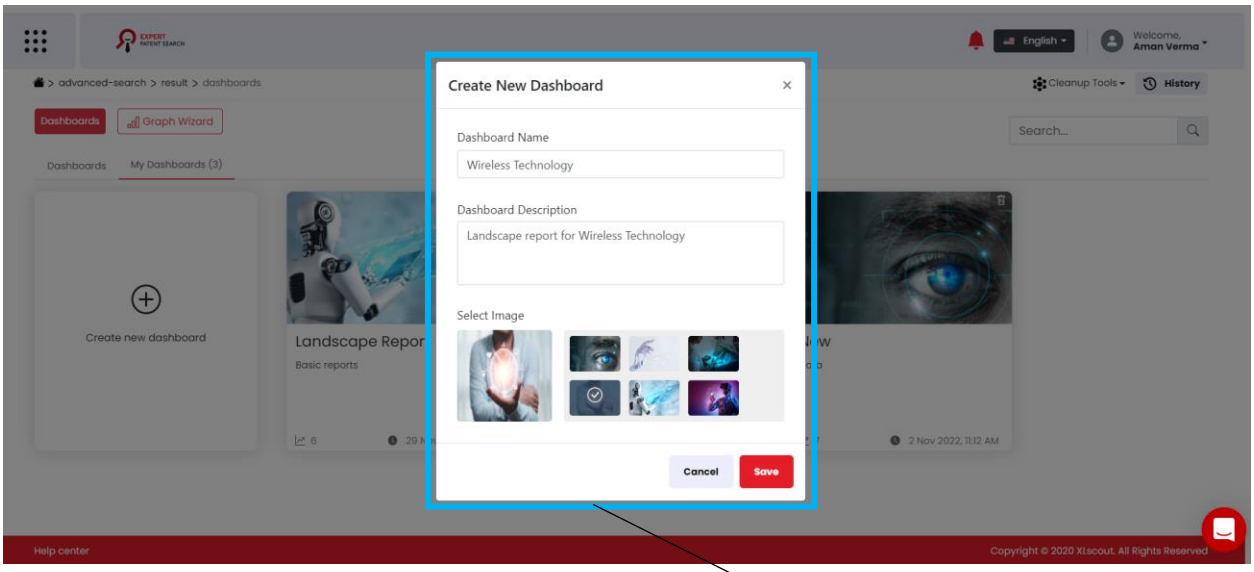
Click on button to create new Dashboard.

Dashboard

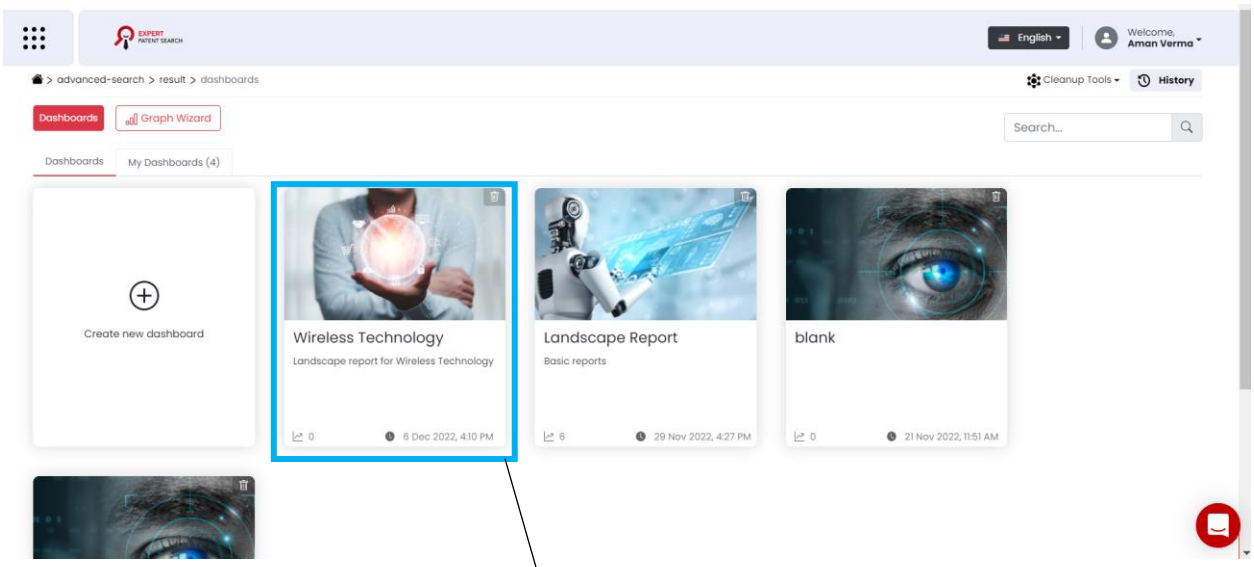


Click on the button to create a new dashboard.

Click on the button to access/view/edit the dashboard.

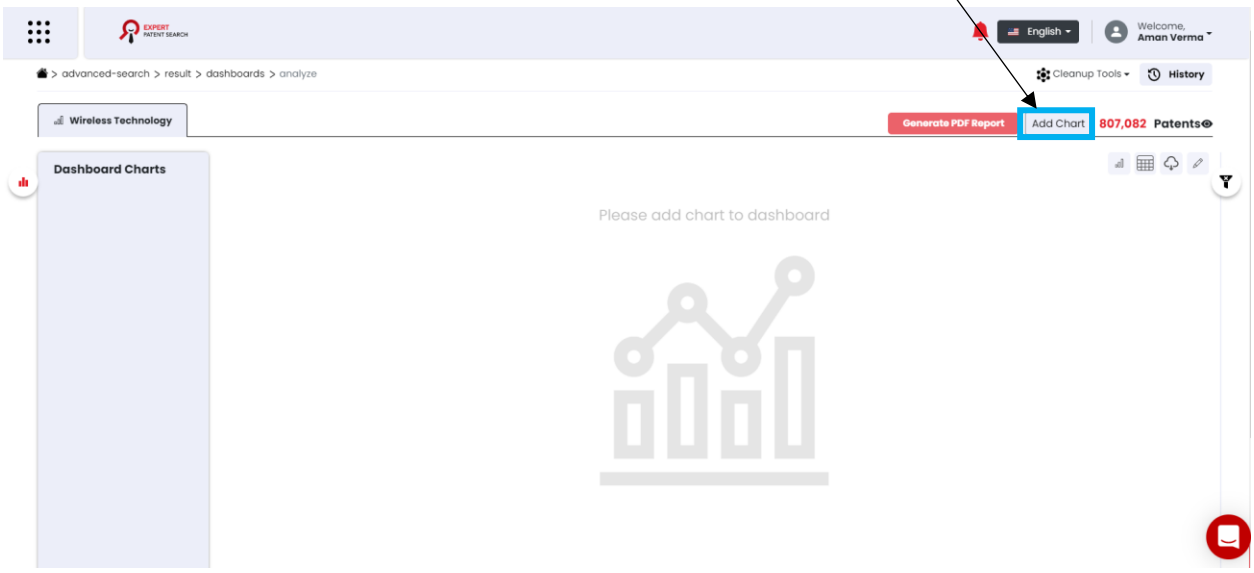


Create new Dashboard by filling Dashboard name, Dashboard description and image.



Click on the button to access/view/edit the dashboard.

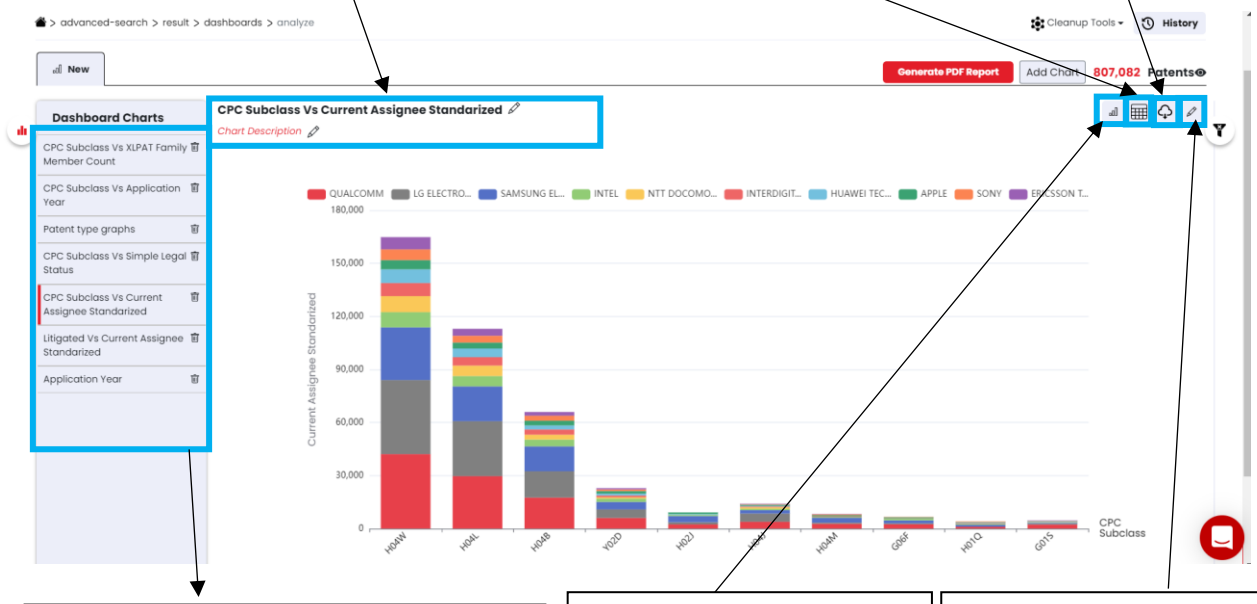
Click on the button to add new chart to the Dashboard. This will redirect to Graph wizard module. And user can create charts using graph wizard module.



Click on icon to edit chart name and chart description

Click on button to view the data in tabular form.

Click on button to download the graph.

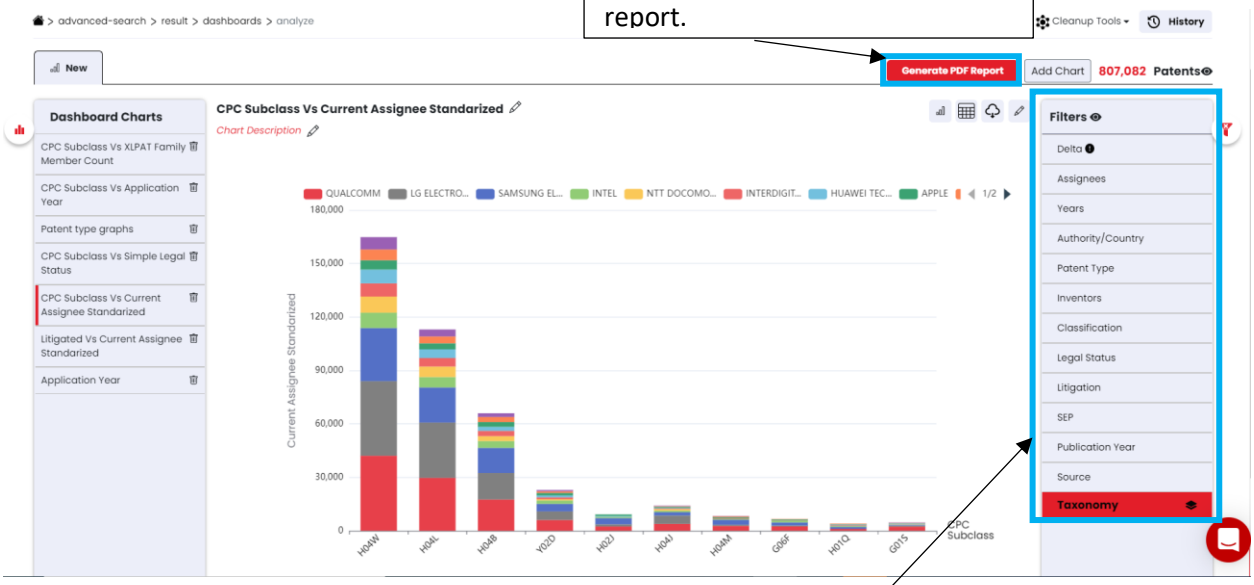


User can add multiple graphs in a dashboard. Also, user can change the order of graph by dragging the charts up and down.

Click on button to view the data in graphical form.

Click on button to the edit the graph in graph wizard.

Click on the button to generate the report.

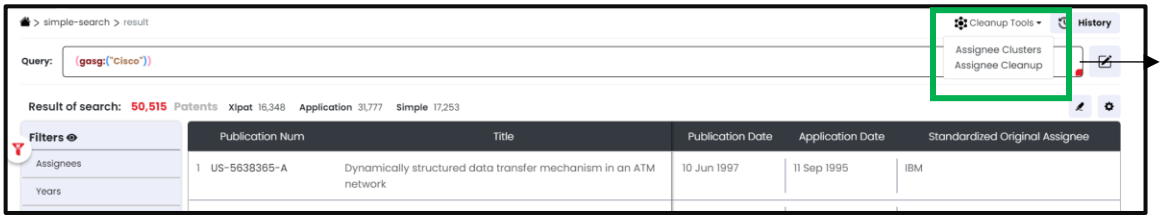


Filter the data using different filter options.

Global Options

Cleanup Tools

On Search page, assignee cluster option is given under cleanup tools

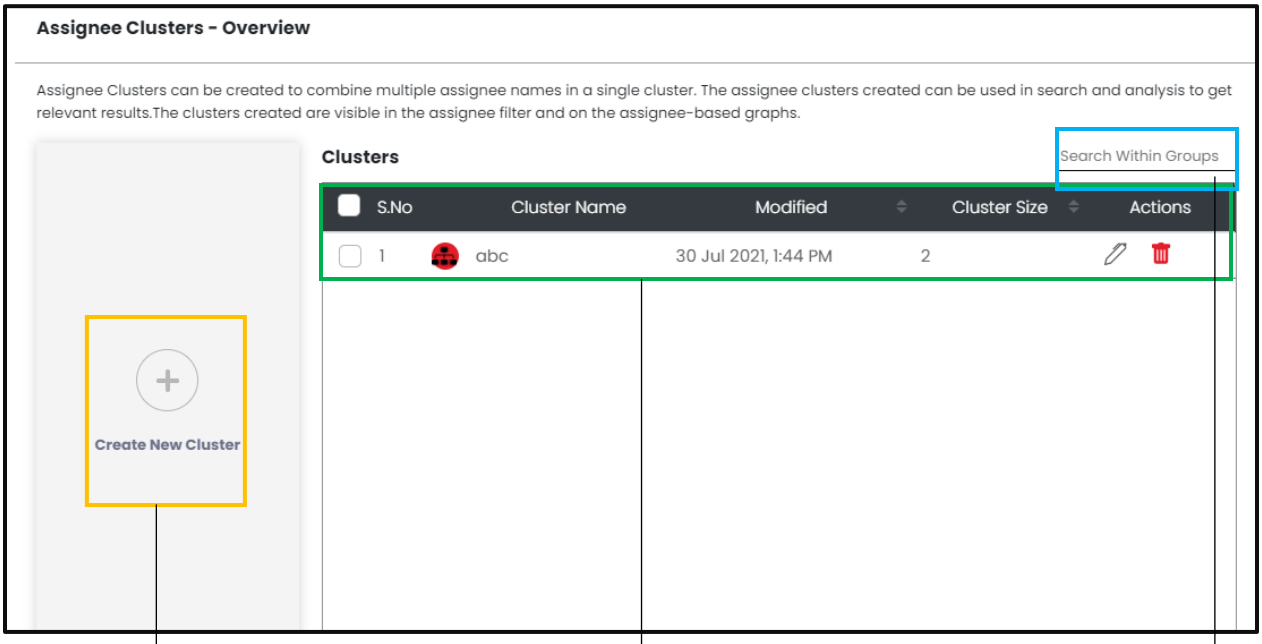


On Results page and dashboard page, 2 options:

i) Assignee cluster

ii) Assignee Cleanup

i) Assignee Cluster

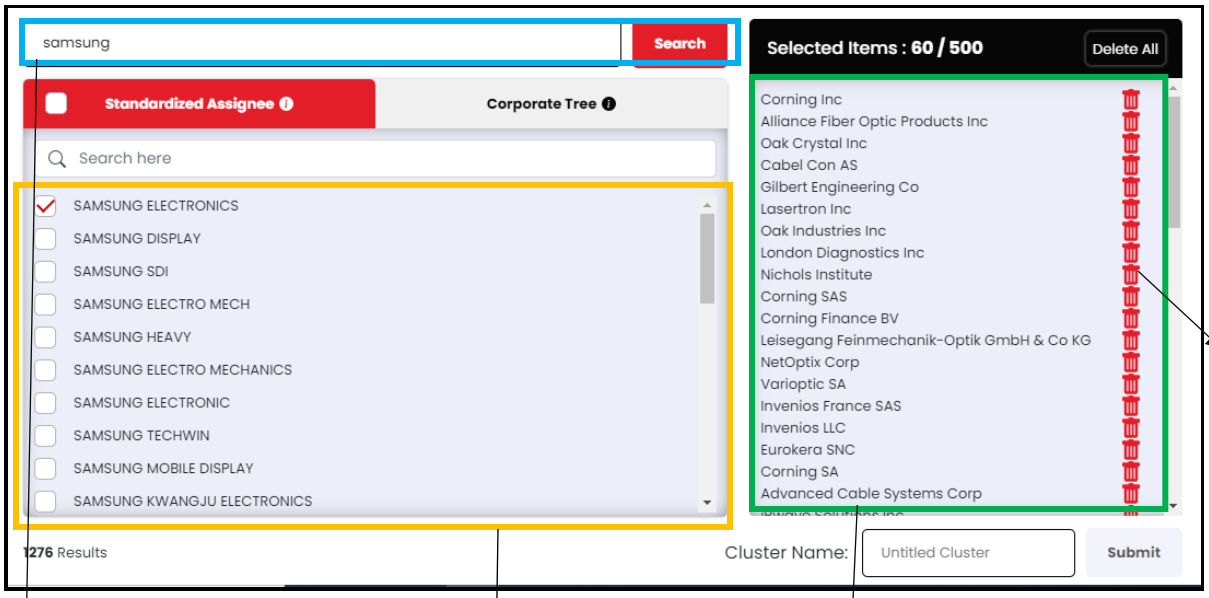


Create a new assignee

Previous clusters can be modified or deleted

Search within the list by giving cluster name in the search box

Creating a cluster

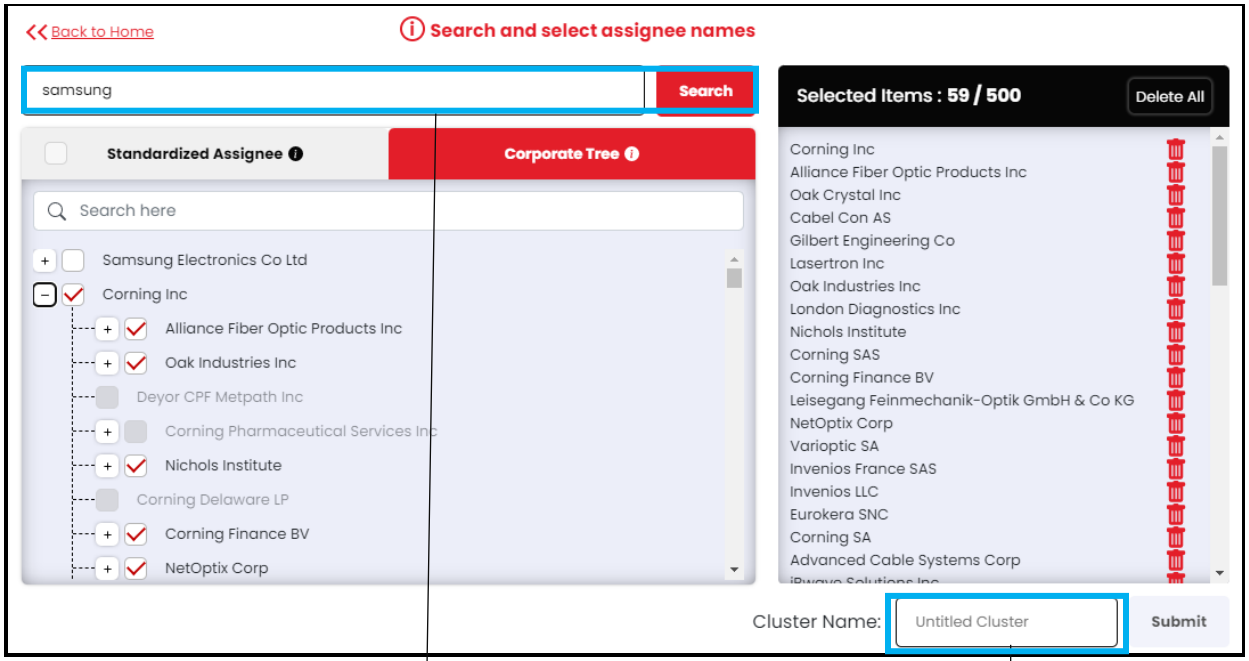


Click to remove a name from the cluster

Enter Assignee name

List of all the Assignee names containing the input name and available as assignee in the patents data

Selected names are displayed here

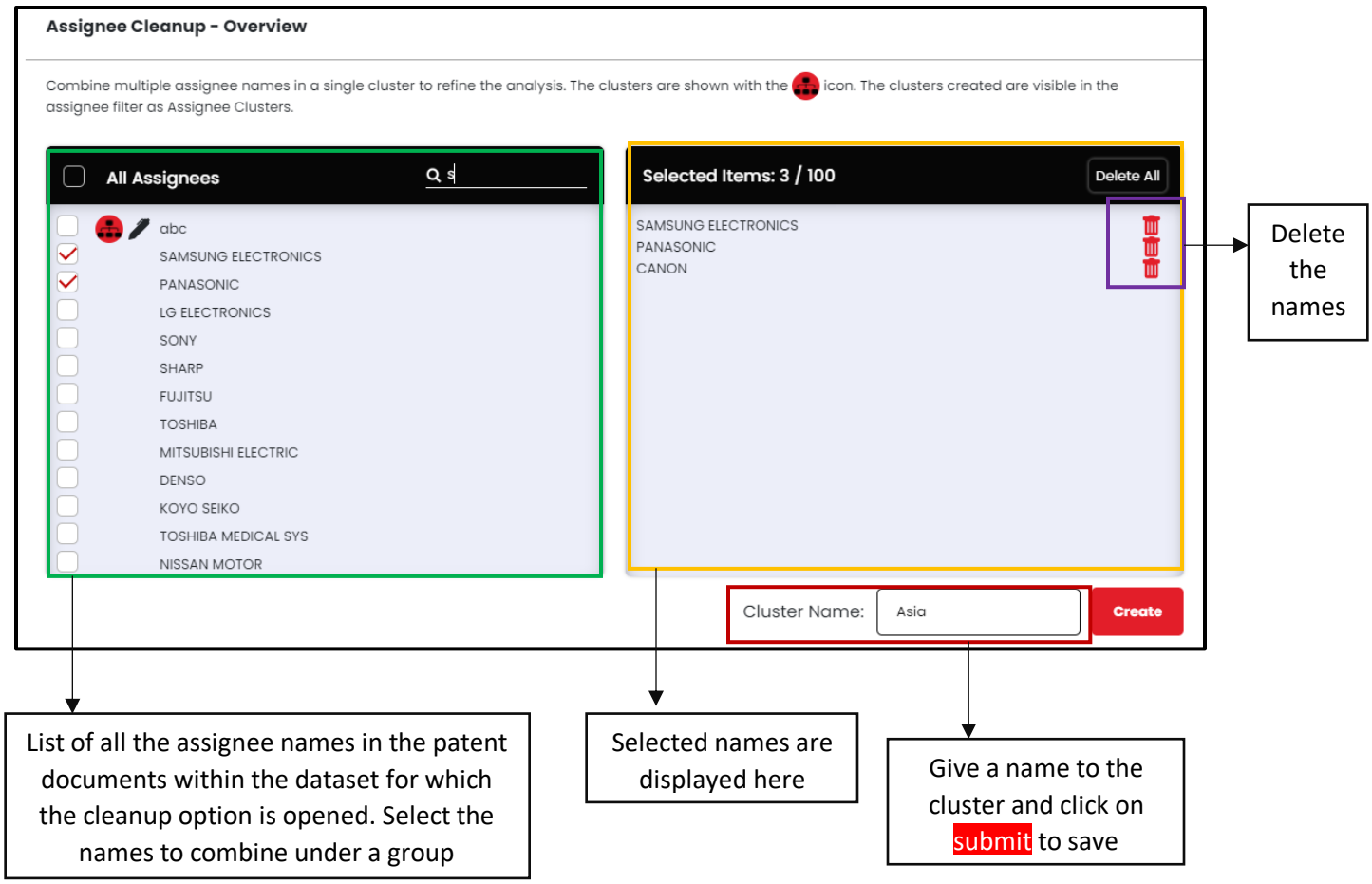


Corporate data of the companies having the input name data. User can select name(s) to add in the cluster

Give a name to the cluster and then submit to save the cluster

Note: *User can select up to 500 names in a single cluster*

ii) Assignee Clean-Up



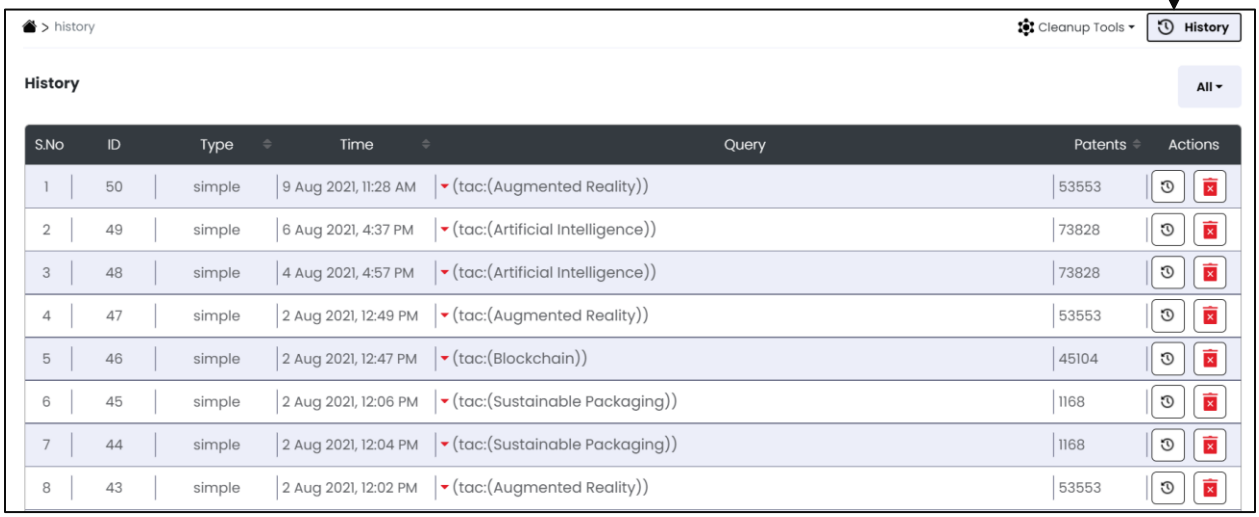
Note: *User can add up to 100 names in a single cleanup group.*

The clusters created are visible in the assignee filter as Assignee Clusters.

History

History of the all the search cases

Note: History list is separate for each module



S.No	ID	Type	Time	Query	Patents	Actions
1	50	simple	9 Aug 2021, 11:28 AM	(tac:(Augmented Reality))	53553	
2	49	simple	6 Aug 2021, 4:37 PM	(tac:(Artificial Intelligence))	73828	
3	48	simple	4 Aug 2021, 4:57 PM	(tac:(Artificial Intelligence))	73828	
4	47	simple	2 Aug 2021, 12:49 PM	(tac:(Augmented Reality))	53553	
5	46	simple	2 Aug 2021, 12:47 PM	(tac:(Blockchain))	45104	
6	45	simple	2 Aug 2021, 12:06 PM	(tac:(Sustainable Packaging))	1168	
7	44	simple	2 Aug 2021, 12:04 PM	(tac:(Sustainable Packaging))	1168	
8	43	simple	2 Aug 2021, 12:02 PM	(tac:(Augmented Reality))	53553	