

patsnap



Getting Started with PatSnap

Welcome to PatSnap...

...a global patent search and analytics tool designed to enable teams to use IP intelligence more strategically. Getting started is easy. Here, we take a look at the following core areas that will get you started:

Search | build the foundations of your research

Results | refine the data behind your analysis

Patents | gain a detailed view of any innovation

Analysis | put patents into a statistical context

Landscape | a strategic perspective on the IP space

Workspaces | save searches, communicate and collaborate

For a more in-depth understanding of the tool please see the user manual.

Search

Select the **jurisdictions** you want to search in

Fill in the **search fields** you want to refine by

Locate patents based on **any features of patent documents**

Include **exclusion criteria** to further refine the search

The screenshot shows the patsnap search interface. At the top, there are tabs: Field, Command, Bulk, Semantic, Classification, Legal, Image, and Chemical. The 'Field' tab is active. Below the tabs, there's a 'Preview Search Query:' section showing 'graphene'. A 'Search' button is present. To the left, there's a list of jurisdictions and document types, each with a checkbox. The 'United States' jurisdiction is selected. Below the list, there's a 'Search including English machine translations' checkbox. To the right of the search query, there's a 'Search Helper' button. Below the search query, there's a 'Keyword Helper' button. Below the search query, there's a 'UPC Helper', 'IPC Helper', 'CPC Helper', and 'LOC Helper' buttons. Below the search query, there's a 'Corporate Tree' button. Below the search query, there's an 'Add Exclusion Criteria' button. Below the search query, there's a 'Search' button and a 'Clear' button.

Annotations:

- Blue arrow pointing to the 'United States' checkbox: Select the **jurisdictions** you want to search in
- Blue arrow pointing to the 'graphene' search field: Fill in the **search fields** you want to refine by
- Blue arrow pointing to the 'Add Exclusion Criteria' button: Include **exclusion criteria** to further refine the search
- Blue arrow pointing to the 'Search Helper' button: Use the **search helper** to familiarise with Boolean logic
- Blue arrow pointing to the 'Keyword Helper' button: Use our **keyword helper** to find and include synonyms
- Blue arrow pointing to the 'IPC Helper' button: Use the **IPC and CPC helper** to identify and refine by technology classification

Results

Some unexpected results?
Improve your search with further keywords

Select the best view of results, depending on your project

Refine by **assignee**, **application year**, **IPC**, **legal status**, and many more

Transform the search results into an **Analysis dashboard**

virtual reality headset

Refine within 2,443 groups

Copy Refined Query | Clear

Refine

Refine Recent

All Filters

Grouped Assignee Name

- SONY
- MICROSOFT TECHNOLOGY LI...
- GOOGLE(1)
- GOOGLE
- SAMSUNG LIFE PUBLIC WEL...

More

Patent Type

- Applications
- Patents
- Design
- Utilities

Assignee Name

- LG ELECTRONICS INC.
- APPLE INC.
- SILVERBROOK RESEARCH P...
- SONY COMPUTER ENTERTA...
- GOOGLE INC.

More

Standardized Assignee

- LG ELECTRONICS
- APPLE
- SONY COMP ENTERTAINME...
- WORLDWIDE SPECIALTY PR...
- GOOGLE

More

Application Year

- 2016
- 2015
- 2014
- 2013
- 2012

1-10 of 2,443 INPADOC family representatives, 7,197 records in total

#	Publication Number	Title	Assignee Name	Application Date	Count	Standardized Inventor
1	US20160196894A1	SYSTEM AND METHOD FOR CONTROLLING IMMERSIVENESS OF HEAD-WORN DISPLAYS	WORCESTER POLYTECHNIC INSTITUTE	05 Jan 2016	-	ROGERSMAN ROBERT W
2	US20200178096A1	Virtual reality generator for use with financial information	MARSHALL PAUL STEVEN	02 Jan 2002	115	MARSHALL PAUL STEVEN
3	EP2957991A1	METHOD AND SYSTEM FOR REDUCING MOTION SICKNESS IN VIRTUAL REALITY RIDE SYSTEMS	DREAMWORKS ANIMATION LLC	06 May 2015	-	HERMAN BRAD KENNETH LAFOLLETTE BRUN AKMAL SHIRAZ
4	US9392212	System and method for presenting virtual reality content to a user	VISIONARY VR INC.	17 Sep 2014	-	ROSS JONATHAN MICHAEL
5	DE102014011550A1	Verfahren zum Betreiben eines Virtual Reality-Systems und Virtual Reality-System	AUDI AG	01 Aug 2014	-	KUHNIE MARCUS
6	US20160153187A1	CUSTOMIZED VIRTUAL REALITY USER ENVIRONMENT CONTROL	VERIZON PATENT & LICENSING INC.	24 Dec 2014	-	MAHAJAN AMIT KALEEM FAROOK PAULRAJAN SYRIMANAND K
7	US20150103309A1	VIRTUAL OR AUGMENTED REALITY HEADSET HAVING ADJUSTABLE INTERPUPILLARY DISTANCE	MAGIC LEAP INC.	16 Oct 2014	-	SLIPPY MICHAEL JOHN KAIL MASAMUNE NATSUME SINGERU
8	US20160086109A1	CONTINUOUS DYNAMIC BOUNDARIES	ABLOW DANIEL H.	24 Jul 2015	-	ABLOW DANIEL H
9	US20150269760A1	INTERACTIVE MULTI-RIDER VIRTUAL REALITY RIDE SYSTEM	DREAMWORKS ANIMATION LLC	17 Mar 2015	-	HERMAN BRAD KENNETH KURZAWA PAUL AKMAL SHIRAZ
10	US8321797	Immersive visualization center for creating and designing a total design simulation and for improved relationship management and market research	KIMBERLY-CLARK WORLDWIDE INC.	30 Dec 2006	9	PERKINS CHESTER A
11	US8046406	Virtual reality systems and methods	ALCATEL LUCENT	20 Aug 2001	11	TORABI MOHAMMAD
12	US20160196692A1	VIRTUAL LASERS FOR INTERACTING WITH AUGMENTED REALITY ENVIRONMENTS	EON REALITY INC.	02 Jan 2015	-	KJALLSTROM HUANG YAZHE LI ERBO
13	US8520672	Apparatus and method for sound processing in a virtual reality system	SAMSUNG ELECTRONICS CO., LTD.	14 Aug 2009	1	LEE KEUN-SUK KANG SANG-KI JANG SEOCK-WOO
14	US20160065305A1	AUDIO COMPUTER SYSTEM FOR INTERACTING WITHIN A VIRTUAL REALITY ENVIRONMENT	SPIO MARY A.	18 Sep 2015	-	SPIO MARY A

Walk Me Through

Adjust the results **settings** to change what information is displayed and in what format

Create IP **Landscapes** based on your search

Click on a **patent** to see more specific details

Manage workflow with features such as **add to lists**, **save**, **export**, **set up email alerts**

Patents

Choose the most efficient reading experience by toggling between different **patent views**

Use **Citation Analysis** to assess where a technology came from - and its evolution

Get more background with **Legal information** details, such as patent status, litigation or licensing

The screenshot displays the patsnap patent viewer interface for patent US20160196694A1, titled "SYSTEM AND METHOD FOR CONTROLLING IMMERSIVENESS OF HEAD-WORN DISPLAYS". The interface includes a top navigation bar with tabs for Overview, Dual View, Citation Analysis, Patent Family, and Legal Information. The main content area is divided into sections: Abstract, Claims, and a technical drawing of a headset (labeled 600). The Abstract and Claims sections contain text with highlighted terms like "virtual-reality headset" and "virtual world". The technical drawing shows a headset with various components labeled with reference numerals (606, 604B, 602B, 608). On the right side, there is a Highlighter tool with a list of terms: virtual, reality, headset, and a Clear All button. The interface also includes a search bar at the top right and a list of related patents on the left.

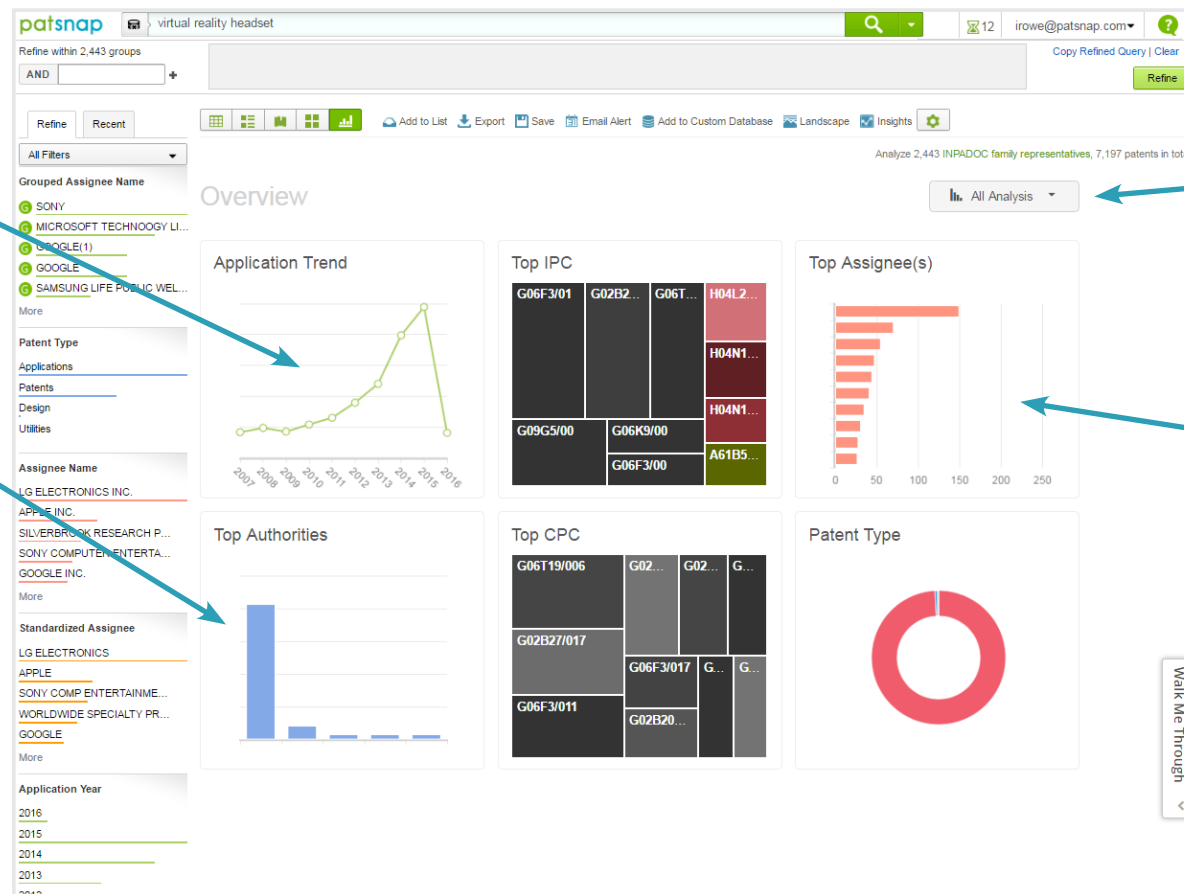
Do more with your findings. Add patents to a **list**, **download**, **email**, or **share**

Our text **Highlighter** tool, with its colour-coding, will enable you to identify relevant sections of patent

Analysis

Click into any chart to analyse data relating to the chart topic in **much more detail**

Further **refine** your search directly from the graphs



Select from over **48 analysis** charts that enable further cuts of data, including by IPC, CPC, dates, time periods and other factors

Hover over a chart to get **quick information**

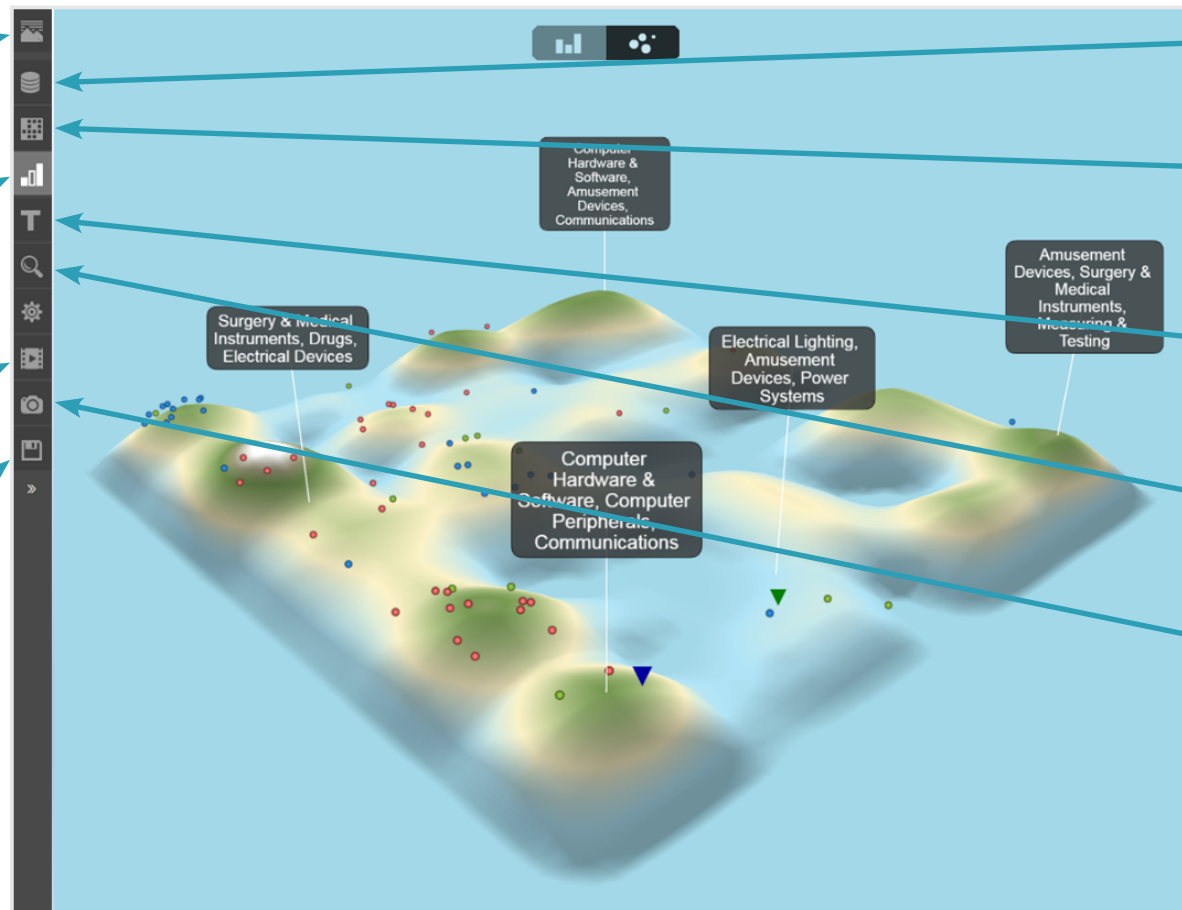
Landscape

Go to your **Workspace** which features all your saved work

Plot patents by assignee, IPC, publication year

View a **time-lapse** of technology development

Save landscape to your workspace



Edit search query

Select **grids** of interest and change **labels**

Use example text to Plot **project ideas** onto the landscape

Search within the landscape

Take a **screenshot** and export

Workspaces

Advanced search to find patents of interest

View **analysis dashboard** for workspace patents

Sort by relevance, publication date, cite count and many more

New folder

Import patent lists with custom fields and comments

The screenshot shows the PatSnap Portfolio interface. On the left is a sidebar with a search bar and a list of folders: 'Whole portfolio (11306)', '2016 (15)', '2015 (105)', '2014 (206)', '2013 (318)', 'Licensed technologies (48)', 'Litigation cases (10)', 'Patent acquisitions (2824)', and 'Investitures (100)'. The main area displays a table of patents with columns: '#', 'Publication Number', 'Title', 'Assignee Name', 'Application Date', 'Comments', and 'Project'. The table contains four rows of patent data. Above the table is a toolbar with buttons for 'Select page', 'Latest Added', 'Analysis', 'Export', 'Import', 'Email Alert', 'Automatic Update', and 'Custom Field'. Arrows from the text blocks point to these features: 'Advanced search' points to the search bar; 'View analysis dashboard' points to the 'Analysis' button; 'Sort by' points to the 'Latest Added' dropdown; 'New folder' points to the '+ New folder' button in the sidebar; 'Import' points to the 'Import' button; 'Add your own comments' points to the 'Comments' column; 'Automatically update' points to the 'Automatic Update' button; and 'Set up email alerts' points to the 'Email Alert' button.

#	Publication Number	Title	Assignee Name	Application Date	Comments	Project
1	US20160282416A1	SYSTEM AND METHOD FOR ITERATIVE CONDITION MONITORING AND FAULT DIAGNOSIS OF ELECTRIC MACHINES	THE UNIVERSITY OF ARIZONA	02 Oct 2015	Howe@patsnap.com: Custom - see fig 4	Project 1
2	US20160280358A1	Hybrid Flow Control Method for Simple Hinge Flap High-Lift System	U. S. A. AS REPRESENTED BY THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	01 Dec 2015		Project 1 Project 2
3	US2016028058A1	Synthesis of Copolyimides Containing Fluorine and Silicon Surface Modifying Agents	U. S. A. AS REPRESENTED BY THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	24 Mar 2016		Project 3
4	US9452926	Dopant selective reactive ion etching of silicon carbide	THE UNITED STATES OF AMERICA AS REPRESENTED BY THE	30 Jul 2012		Project 2

Create your own ways of categorising data by adding **custom fields**, for example for specific internal projects

Add your own **comments**

Automatically update workspace with any new patents in the technology space

Set up **email alerts** to automatically stay up-to-date with changes among certain patents



Where will you find your next opportunity?

About PatSnap

PatSnap is the leading provider of Intellectual Property Analytics, for analysing tech trends, driving innovation, market planning, competitor intelligence and maximising return on IP assets. Founded in 2007, PatSnap is used by R&D, business and IP professionals in thousands of commercial and not-for-profit organisations globally, including NASA, the Department of Defense, China Mobile, Goodyear and Vodafone. With a database of over 121 million patents, augmented by economic, legal and company data, we use proprietary machine learning technology to make IP work for all, including those with no IP experience. We have offices in London, Los Angeles, Singapore and China.

Find out more: **patsnap.com**