

Nanotechnology Patent Index Database Help System

Opening screen

The opening screen displays the [Control Panel](#), allowing you to choose from the most commonly used functions. The choices in the Control Panel are also available on the [Toolbar](#) displayed at the top of the page. [Pull down menus](#) across the top allow these selections plus other options.

Toolbar

The Toolbar is the row of icons across the top of the screen (shown below). Each icon allows access to some database function.



Export - [export selected records](#) from display to a text file with a name and location of your choice, limited to the first 1000 records.



Print - print selected records to your printer, limited to the first 1000 records.



Control panel - displays the [Control Panel](#) from which commonly used functions can be selected.



View all - displays all records in the database.



Statistic Monitor - displays statistics of the entire database by year and by database type.



Analyze References - analyzes and displays the results of a search, or of the complete database if no search has been performed. *Elaborate here or elsewhere.*



Copy - copies [selected records](#) to the computer clipboard, limited to the first 1000 records.



Quick search - performs a [quick search](#) with limited search options.



Refine query - refines previous [search](#) query to narrow the field of search.



Advanced Search - performs [advanced search](#), allowing additional search options.



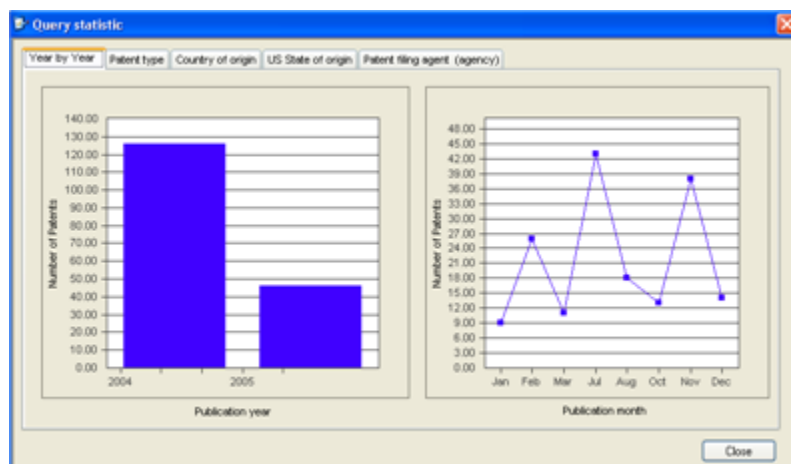
Help - accesses the help system.



Exits the patents database application.

Analyze References

This function analyzes the results of a search query, or the entire database if there are no current search results. It is particularly useful in analyzing a narrow field of interest such as the patent activity of a particular inventor or the number of patents issued by a specific country. The result is a display of the query statistics in chart form for publication year, patent type, country of origin, US state of origin and patent filing agency, such as the example shown below.




Control Panel

The Control Panel is a pane displaying the most common database functions, **View all records**, **Advanced search**, **Database statistic**, **Database analysis** and **Help system**. All these functions may be selected directly from the [toolbar](#) or from the drop down menus.

Export

The Export selection allows selected records to be sent to a text file. If more than 1000 records have been selected, only the first 1000 will be exported.


Full Text

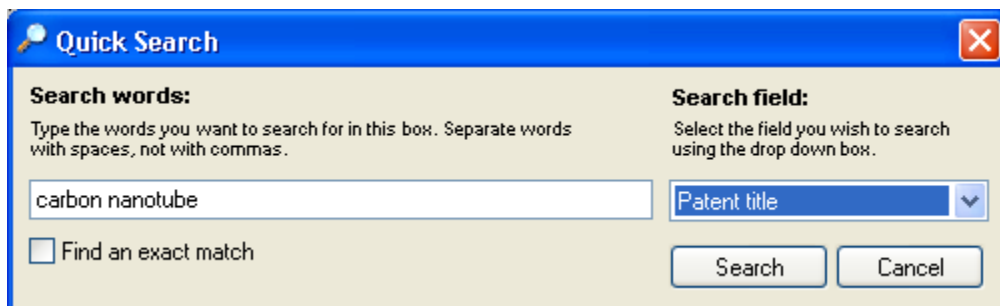
The Full Text button  at the right of each patent description allows display of the full text of the patent. Note that the full patent text is not contained in the database. Instead, the database automatically searches the web to find the source of the patent. In some cases the patent may not be available, for reasons outside control of the database. After opening the full text for one patent and resizing the screen, the same process can be duplicated for another patent so they can viewed side by side.

Note: To display full patent text, connection to the Internet is required.

Search

There are two ways to search the database.

Quick Search – click the **Quick Search** icon  to do quick searches without spending time choosing search options. The Quick Search box opens.



Quick Search

Search words:
Type the words you want to search for in this box. Separate words with spaces, not with commas.

carbon nanotube

Find an exact match

Search field:
Select the field you wish to search using the drop down box.

Patent title

Search Cancel

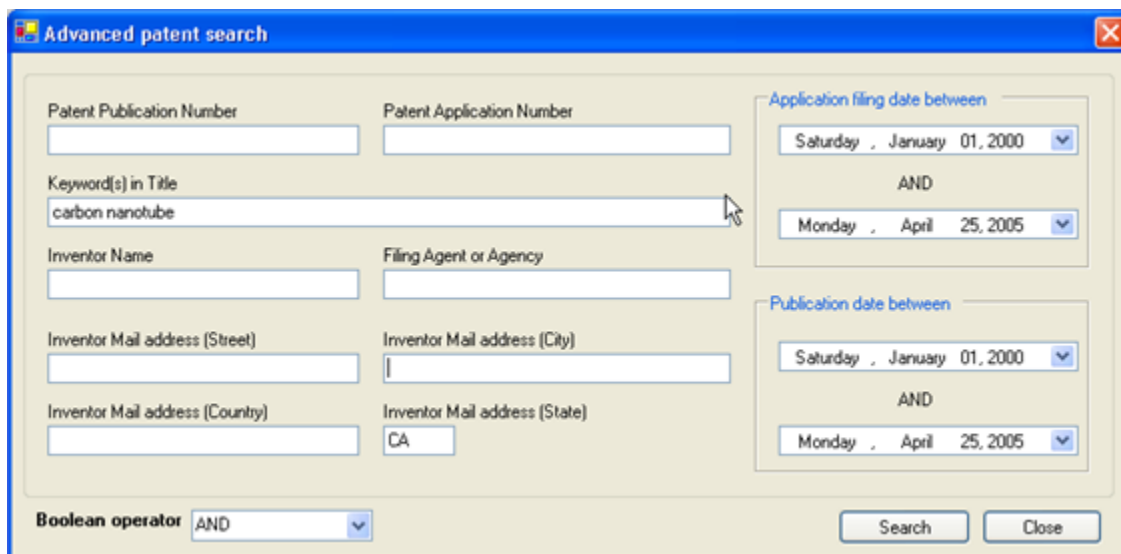
Enter the word or words you want to search for in the **Search words** area. Under **Search field**, click the arrow and select the field where you want the search to take place. Searchable fields are:

- Application number
- Attorney, Agent or Firm
- International Patent Code
- Inventor(s)
- Inventor(s) city
- Inventor(s) country
- Inventor(s) mail address
- Inventor(s) state
- Patent Assignee(s)
- Patent Language
- Patent title
- Publication number
- USA Patent Code

In the example shown, the search will look at all patent titles for the words *carbon and nanotube*, regardless of where the words occur in the title. To limit the search to occurrences of

the exact phrase “carbon nanotube” click **Find an exact match**. Capitalization of the words is not considered in the search. Click **Search** to initiate the search.

Advanced Search – click the **Advanced Search** icon  to conduct a more refined search. The Advanced patent search box opens.



This box allows the search to be conducted in a limited range which you can define. For example, the search shown will be limited to patents whose inventor lives in California **and** has a patent with the words carbon nanotube in the title **and** whose patent was filed between January 1, 2000 and April 25, 2005 **and** was published between those same dates. Additional choices such as Patent Publication Number, Application Number etc. could be entered, further limiting the search range. To change the search method from “AND” to “OR,” click the arrow beside **Boolean operator** and select “OR.” Click **Search** to initiate the search.

After performing either a quick or advanced search, you can refine the search without starting over by clicking the **Refine Query** icon. Previously defined search parameters will be copied into the advanced search window, to which you may add more qualifications. Click **Search** to initiate the new query.

Pull Down Menus

Five menus at the top of the main screen allow access to all the common functions plus some less-frequently used selections.

File Menu

Export Data to Text file	
Page Setup ...	
Print ...	Ctrl+P
Control panel ...	
Exit Database	Ctrl+Q

Export Data to Text file – see [Export](#).

Page Setup... – set up printed page format parameters prior to printing.

Print... – send selected records to the printer.

Control panel... – open the [Control Panel](#).

Edit Menu

Cut	
Copy	Ctrl+C
Paste	
Select All	Ctrl+A
Unselect All	

Cut – removes selected text and places it on the computer clipboard.

Copy – places a copy of the selected text on the computer clipboard.

Paste – places the contents of the clipboard at the cursor location.

Select All – selects all the current display contents. In case the current display includes more than 1000 records, only the first 1000 will be selected, and a dialog box will appear to indicate this fact.

Unselect All – unselect all the current display contents. In case the current display includes more than 1000 selected records, only the first 1000 will be unselected, and a dialog box will appear to indicate this fact.

View Menu

Compact	
● Standard	
Order by Title	
Order by Authors	
Order by Year, Title	
Order by Year, Authors	
● Order by Publication Date	
Reverse order (DESC)	

Compact – displays only a summary of the patent description.

Standard – displays the standard (complete) patent description.

Order by Title – displays the listing alphabetically by the beginning words in the description.

Order by Authors – displays the listing alphabetically by the last name(s) of the author(s).

Order by Year, Title – displays the listing chronologically by year, then alphabetically by title within each year.

Order by Year, Authors- displays the listing chronologically by year, they alphabetically within each year by author's last name(s).

Order by Publication Date – displays the listing chronologically by publication date.

Reverse order (DESC) – displays the order selected above, in reverse.

Tools Menu

Statistic Monitor
Analyze References
Quick search
Advanced search...
Refine query
View All records

Statistic Monitor – see [Statistic Monitor](#)

Analyze References – see [Analyze References](#)

Advanced search... - see [Search](#)

Refine query – see [Search](#)

View All records – displays all records in the database.

Help Menu

Contents and Index
NanoVantage web site
About Nanotechnology Patents Database

Contents and Index – displays the contents and index of the help system.

Nanovantage web site – opens a browser and displays the Nanovantage site home page.

About Nanotechnology Patents Database – displays database and license information.

Select records

Select a record or records by clicking the box to the left of the patent description. Selected records can then be exported to a text file or printed as a group.

Statistic Monitor

The Statistic Monitor displays statistics for the entire database in the form of yearly distribution of patents and the database type, as shown in the example below.



Support

If any problems are encountered using the Nanotechnology Patents Database, please contact Nanovantage at:

Nanovantage, Inc.

Green Rd. P.O. Box 131302
Ann Arbor, MI 48113
Phone: 734-945-8054
Fax: 734-448-1614
Email: Support@Nanovantage.com

System Requirements

To properly run the Nanotechnology Patent Index Database, your system must meet these specifications:

Processor: Minimum 133-MHz Intel Pentium-class processor, or an AMD Opteron, AMD Athlon64 or AMD Athlon XP processor

Operating System:

Microsoft Windows® Server 2003 family
Windows 2000, with the latest Windows service pack
Windows XP
Windows Millennium Edition (Windows Me)
Windows 98

Memory: 128 MB of RAM, 256 MB recommended

Display: 800 x 600 or higher-resolution display with 256 colors

Hard disk: 110 MB of hard disk space required, 40 MB additional hard disk space required for database.

Software: .NET Framework 1.1 Redistributable (included in installation package, will be installed if necessary during program setup)

Viewing the Database

A number of options are available to display the database and search results in the most convenient and useful manner. They are:

View all records – click the **View All** icon or select **Tools>View all records**.

Search – click [Quick search](#) or [Advanced search](#) icons to display patents corresponding to your selected criteria.

Description details – click **Compact** or **Standard** under the [View](#) pull down menu to suppress or display extra patent description information.

Order – select from several choices of display order from the [View](#) pull down menu. The order applies to all displayed records, whether the entire database or results of a search query.

Records Found – The number of records found for the current search (or the total number of records in the database, if *View all records* is selected) is displayed in the status bar at the bottom of the screen.

Contents

Opening screen

Toolbar

Analyze References

Control Panel

Export

Full Text

Search

Pull Down Menus

Select records

Statistic Monitor

Support

System Requirements

Viewing the Database