

## **Overview**

The BTCI Patent Toolbar Version 2.6.3 is a plug-in for both Windows Explorer and Windows Internet Explorer (version 4.0 and above) that automates the retrieval of patent documents. Simply input one or more patent numbers and/or published patent application numbers and grab patent documents from the US Patent and Trademark Office (USPTO) and the European Patent Office (EPO) databases in PDF format. The BTCI Patent Toolbar provides so comprehensive database coverage that it can retrieve over 80 countries' patent documents.

Inventors, researchers and the intellectual property community can use the BTCI Patent Toolbar to download unlimited patent documents to their My Documents<sup>1</sup> folder in seconds. No usernames and passwords to forget. No browsing several web pages for each patent. No monthly subscription fees. No TIFF image plug-in to install. No waiting for patent documents by e-mail, snail mail or fax. With the BTCI Patent Toolbar you will receive each patent (text and drawings together) in a separate PDF file in a few seconds<sup>2</sup>. Just enter a series of patent numbers and/or published patent application numbers and then press enter a single time, and the BCTI Patent toolbar will download the patent documents, convert them to PDF files and save them to your computer. The BTCI Patent Toolbar is the ultimate patent download tool.

## **BTCI Patent Toolbar User Interface**

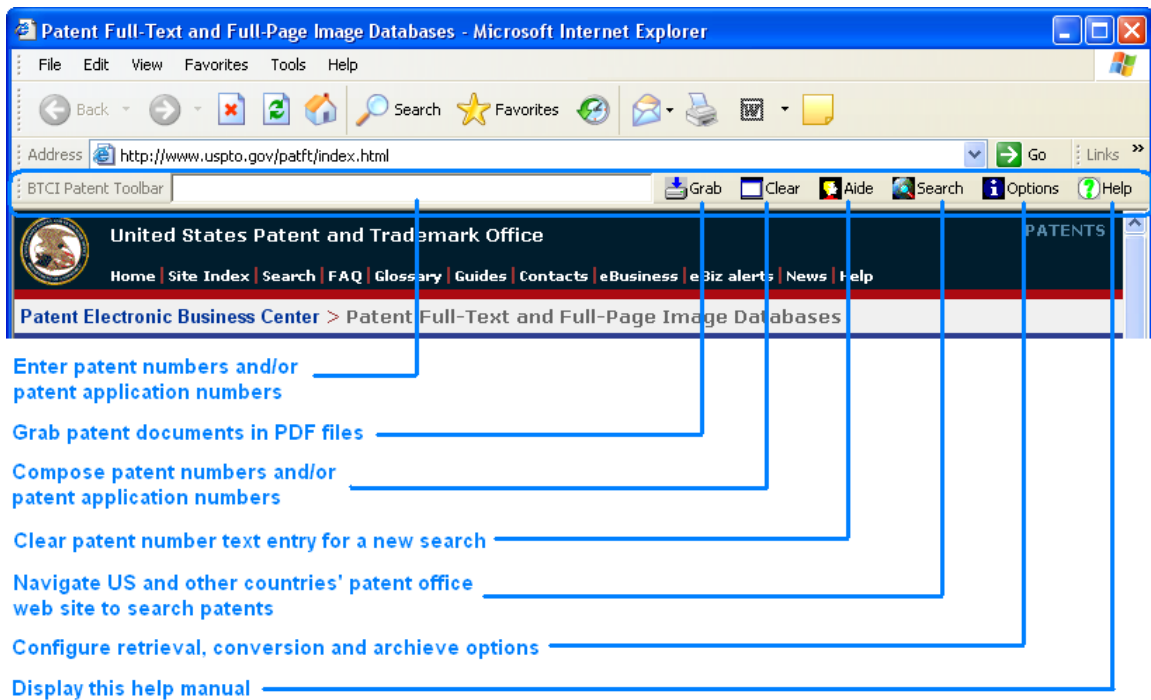
The BTCI Patent Toolbar consists of one text entry field and six buttons.

The following figure illustrates the BTCI Patent Toolbar as a Windows Internet Explorer plug-in.

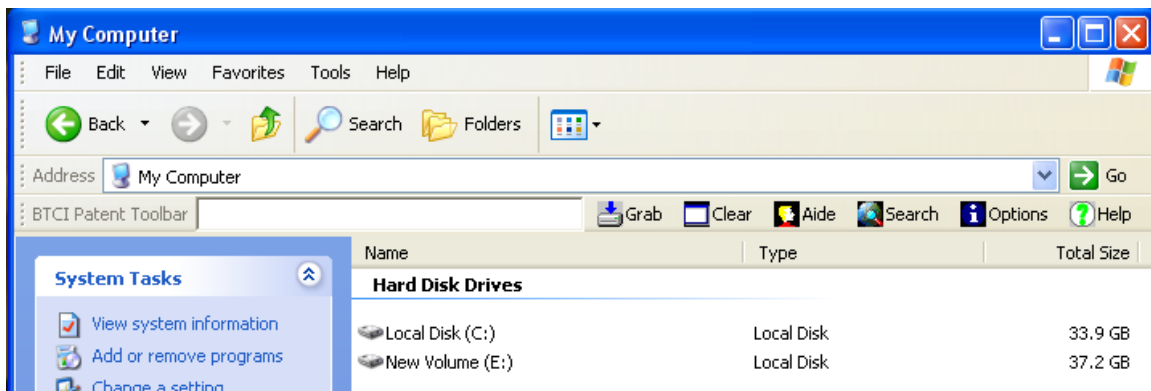
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<sup>1</sup> By default, PDF files are saved to the My Documents\BTCI Patent Toolbar folder. The "Save PDF Patents to:" folder can be changed to a preferred location by clicking the Options button and browsing to the new location.

<sup>2</sup> With a broadband connection. Dial-up connections will take more time. Download speeds may vary due to the number of pages of the patent and the number of patents grabbed at one time.



The following figure illustrates the BTCI Patent Toolbar as a Windows Explorer plug-in.



The functions of each field are explained in the next few sections.

## **Patent Number**

Patent numbers follow the convention below:

CCXXXXXX

The first two letters CC represent the country code, and XXXXXX represents the patent number or published patent application number. The exact digits of the patent number and published patent application number vary from country to country and patent to

patent. The available country codes and some patent examples are listed in the table below:

1 Albania (AL)	32 Gulf Cooperation Council (GC)	63 Norway (NO)
2 ARIPO (AP)	33 Georgia (GE)	54 New Zealand (NZ)
3 Argentina (AR)	34 Greece (GR)	65 OAPI (OA)
4 Austria (AT)	35 Hong Kong S.A.R (HK)	66 Panama (PA)
5 Australia (AU)	36 Croatia (HR)	67 Peru (PE)
6 Bosnia and Herzegovina (BA)	37 Hungary (HU)	68 The Philippines (PH)
7 Belgium (BE)	38 Indonesia (ID)	69 Poland (PL)
8 Bulgaria (BG)	39 Ireland (IE)	70 Portugal (PT)
9 Brazil (BR)	40 Israel (IL)	71 Romania (RO)
10 Canada (CA)	41 India (IN)	72 Republic of Serbia (RS)
11 Switzerland (CH)	42 Iceland (IS)	73 Russia (RU)
12 Chile (CL)	43 Italy (IT)	74 Sweden (SE)
13 China (CN)	44 Japan (JP)	75 Singapore (SG)
14 Costa Rica (CR)	45 Kenya (KE)	76 Slovenia (SI)
15 Czechoslovakia (CS)	46 Korea (South) (KR)	77 Slovakia (SK)
16 Cuba (CU)	47 Liechtenstein (LI)	78 San Marino (SM)
17 Cyprus (CY)	48 Lithuania (LT)	79 Soviet Union (SU)
18 Czech republic (CZ)	49 Luxembourg (LU)	80 El Salvador (SV)
19 German Democratic republic (DD)	50 Latvia (LV)	81 Tajikistan (TJ)
20 Germany (DE)	51 Morocco (MA)	82 Turkey (TR)
21 Denmark (DK)	52 Monaco (MC)	83 Taiwan (TW)
22 Algeria (DZ)	53 Moldova (MD)	84 Ukraine (UA)
23 Eurasia (EA)	54 Republic of Montenegro (ME)	85 United States of America (US)
24 Ecuador (EC)	55 Former Yugoslav Republic of Macedonia (MK)	86 Uruguay (UY)
25 Estonia (EE)	56 Mongolia (MN)	87 Viet Nam (VN)
26 Egypt (EG)	57 Malta (MT)	88 World Intellectual Property Organization (WO)
27 European Patent Office (EP)	58 Malawi (MW)	89 Former Serbia and Montenegro (YU)
28 Spain (ES)	59 Mexico (MX)	90 South Africa (ZA)
29 Finland (FI)	60 Malaysia (MY)	91 Zambia (ZM)
30 France (FR)	61 Nicaragua (NI)	92 Zimbabwe (ZW)
31 Great Britain (GB)	62 Netherlands (NL)	

Of all the country codes, US is the default country code and can be omitted. For example, both US005531742 and 005531742 refer to the same US patent.

Patent numbers and published patent application numbers can be entered with or without commas. For example, 5,146,634 and 5146634 are both valid formats. Multiple patent numbers and published patent application numbers must be separated by spaces or semi-colons or both.

US patent numbers and published patent application numbers can be entered with or without "Kind Code". For example, both US20020111663A1 and US20020111663 are valid formats.

European patent numbers and published patent application numbers can be entered with "Kind Code" to determine the type of document to be downloaded. For example, EP1033138, EP1033138A1 and EP1033138B2 are all valid formats. The BTCI Patent Toolbar will download EP1033138A1, i.e. the published patent application when either EP1033138 or EP1033138A1 is entered; the BTCI Patent Toolbar will download EP1033138B1, i.e. the issued patent document when EP1033138B1 is entered.

Priority numbers of WO and European patents, e.g. WO1995US15925, can also be used along with patent numbers and published patent application numbers.

Patent numbers and published patent application numbers can be entered with or without "/" or "\". For example, US20020111663, US2002/0111663 and US2002\0111663 are valid formats.

## **BTCI Patent Toolbar functions**

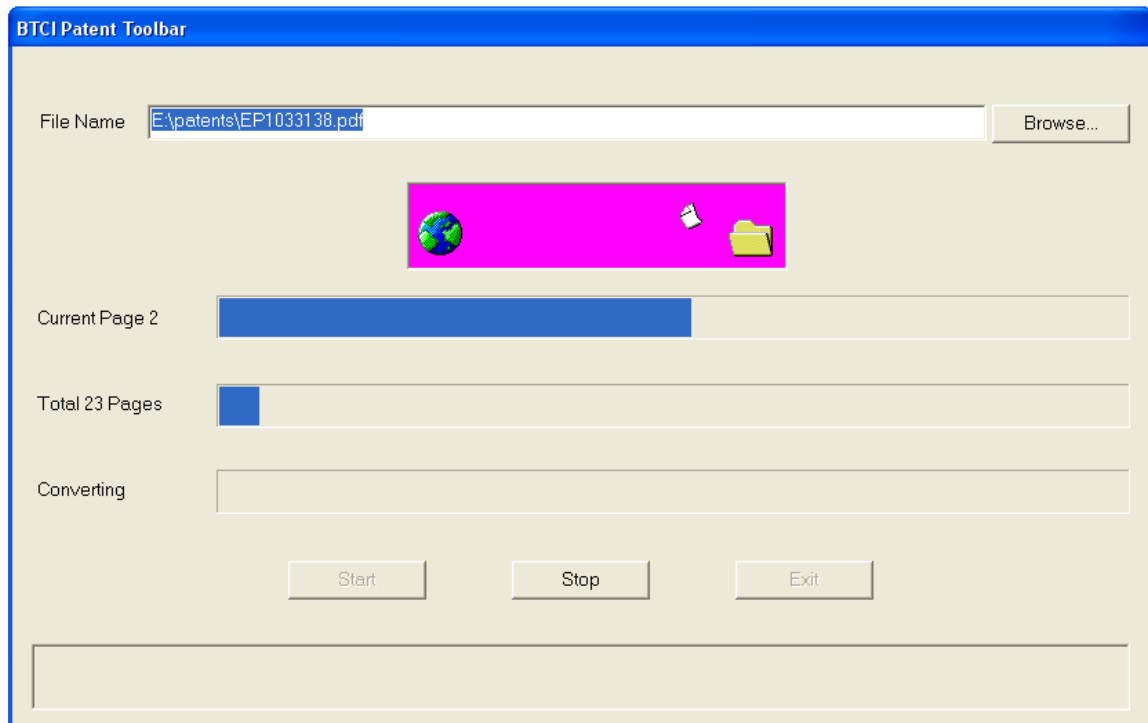


After entering one or more patent numbers or published patent application numbers, click the Grab button or press Enter to retrieve and convert numerous patent documents into separate PDF files in sequential order. Separate multiple patent numbers, published patent application numbers and priority numbers with spaces or a semi-colon or both.

You may also click the Grab button when viewing a patent's full text or TIFF image page from the USPTO website, and the BTCI Patent Toolbar will Grab the current patent document from the USPTO database and quickly convert it into a single PDF file.

If you click the Grab button without entering a patent number or published patent application number or priority number and you're not viewing a patent on the USPTO website, the BTCI Patent Toolbar will display a message and navigate you to the USPTO patent search homepage (<http://www.uspto.gov/patft/index.html>) when you click OK.

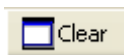
The following status window is displayed while the BTCI Patent Toolbar retrieves and converts your patent documents. Three status bars are displayed to provide download progress for the current page, total pages and the conversion process, respectively.



By default, the BTCI Patent Toolbar uses the patent number and the .PDF extension as the file name saved in the user's My Documents\BTCI Patent Toolbar folder. Before the conversion starts, the user can change the folder and file name by clicking on the Browse button. All subsequent PDF patents will be saved in the same folder. The patent document folder can also be changed by clicking on the Options button on the BTCI Patent Toolbar.

The download and conversion process starts automatically; if you need to stop the process, click the Stop button. To continue, click the Start button. To close the application, click the Exit button.

The message area at the bottom of the window displays information to confirm completion and aborted downloads. When your documents are ready, the message area will display "Download and conversion completed successfully!" and the PDF file of the patent requested will open automatically if the "Option to view the PDF file when conversion process is complete" is checked. If you click the Stop button, the message area will display "User aborted the download."



The Clear button clears the text entry field on the BTCI Patent Toolbar.



The Aide button pops up the following window. From this window, user can compose patent number/patent application number/patent priority number by selecting a country, entering patent number, patent application number and/or patent priority number, then selecting a document type, then clicking Add>> button to add the patent document number to the list; user can also remove a patent document number from the

**BTCI Patent Toolbar - Country Code & Document Type Aide**

Country:

Patent Number  
Patent Application Number  
Patent Priority Number:

Document Type:

Patents To Be Searched:

Buttons: Add >>, Remove <<, OK, Cancel

list by highlight it first then click Remove<< button. All the patent document numbers composed in the list will be added to the end of the BTCI Patent Toolbar text entry when user clicks OK button.



The Search button pops up the following window. From this window, user

**BTCI Patent Toolbar - Search Patent**

Australia Canada P.R.China Japan Thai  
**US** esp@cenet United Kingdom WIPO German


US Patent Search Home Page

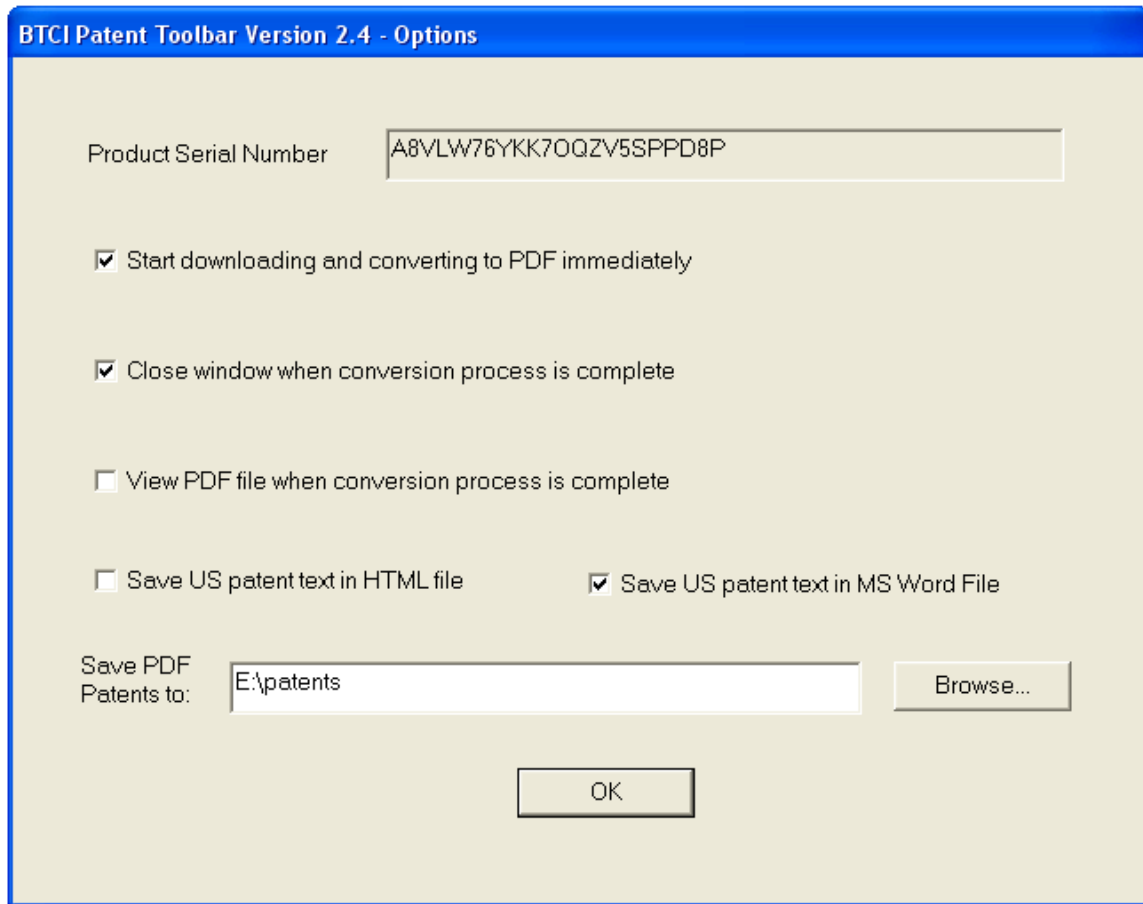
**Issued Patents** **Patent Applications**

Quick Search  Quick Search  
 Advanced Search  Advanced Search  
 Patent Number Search  Patent Number Search

Buttons: Go!, Cancel

can navigate to US, esp@cenet , United Kingdom, WIPO, German, Australia, Canada, P.R.China, Japan and Thai patent office website to search patents.

 Options The Options button on the BTCI Patent Toolbar displays the following Options window to view the product serial number and edit user preferences, including automation features and the “Save PDF Patents to:” folder.



BTCI Patent Toolbar Version 2.4 - Options

Product Serial Number A8VLW76YKK70QZV5SPPD8P

Start downloading and converting to PDF immediately

Close window when conversion process is complete

View PDF file when conversion process is complete

Save US patent text in HTML file  Save US patent text in MS Word File

Save PDF Patents to: E:\patents Browse...

OK

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#### NOTE

*If you are using the BTCI Patent Toolbar during the trial period, the Product Serial Number field will be blank. When you register your product by entering a valid key code, the Product Serial Number will be displayed in the Options window.*

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When the option “Start downloading and converting to PDF immediately” is checked, the BTCI Patent Toolbar automatically downloads and converts your patent documents after clicking the Grab button. If the option is unchecked, you will have the opportunity to change the default filename and the “Save PDF Patents to:” folder before the download and conversion process begins. When you are ready to begin downloading, click the Start button on the Status window.

When the option “Close window when conversion process is complete” is checked, the BTC I Patent Toolbar automatically closes the download window after the process is complete. If this box is unchecked, the download window will remain open after the process is complete and you must click the Exit button to quit the application or abort the download.

When the option “View PDF file when conversion process is complete” is checked, the BTC I Patent Toolbar opens the PDF file in Adobe Acrobat Reader (if installed) automatically when the conversion is complete. If the option is not checked, the PDF files are saved to the specified folder. To manually open the PDF files, browse to the “Save PDF Patents to:” folder in Windows Explorer or by clicking the Open button in Adobe Acrobat Reader. In Windows 7 systems, this option is set to checked and users can not uncheck this option. When the downloaded patent pdf file is open in Adobe Acrobat Reader, users have to manually save the file before they close Adobe Acrobat Reader. Otherwise, the pdf file will not be saved. This is due to enhanced security in Windows 7. By default, the converted PDF files are saved to the “C:\Documents and Settings\*Username*\My Documents\BTC I Patent Toolbar” folder where *Username* is the name of the current user profile. Click the Browse button to create a new folder or select a different folder. Due to enhanced security in Windows 7, it is highly recommended that users do not change the default folder or BTC I Patent Toolbar software might not work properly.

When the option “Save US patent text in HTML file” is checked, the BTC I Patent Toolbar saves the US patent document in a HTML file along with the PDF file.

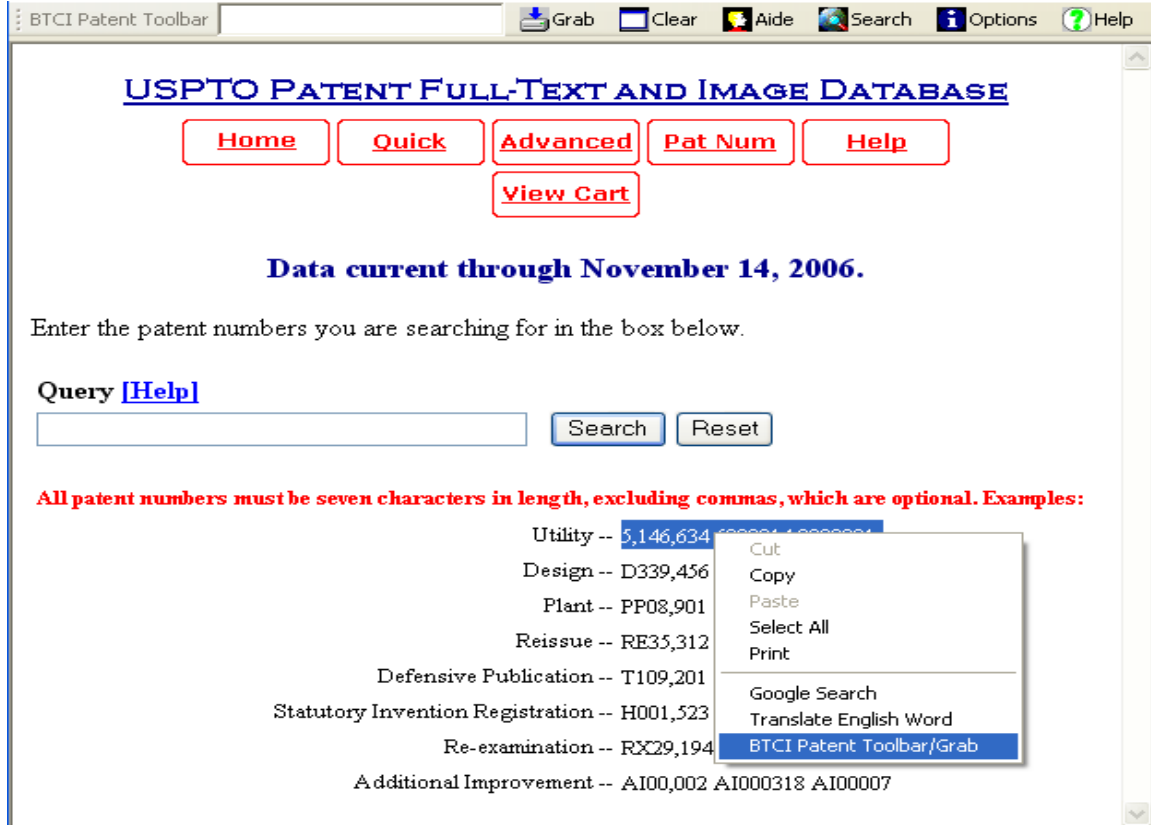
When the option “Save US patent text in MS Word file” is checked, the BTC I Patent Toolbar saves the US patent document in a Microsoft Word document along with the PDF file. Note: this feature is functional only if the system has Microsoft Word installed.



The Help button on the BTC I Patent Toolbar opens this user manual.

When the Internet Explorer toolbars are unlocked, you can drag and drop the BTC I Patent Toolbar to different locations. To unlock your Internet Explorer toolbars, right-click in the toolbar area and click to the Lock Toolbar option to remove the check mark that locks the toolbars.

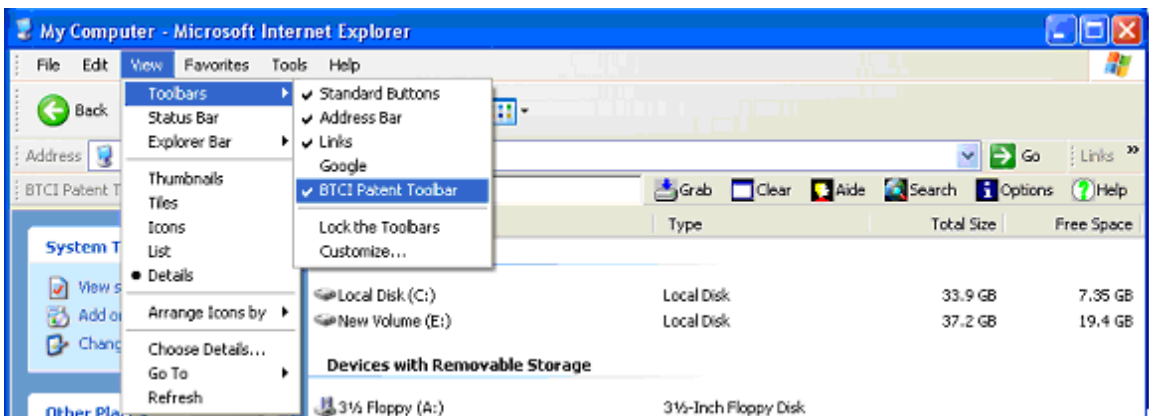
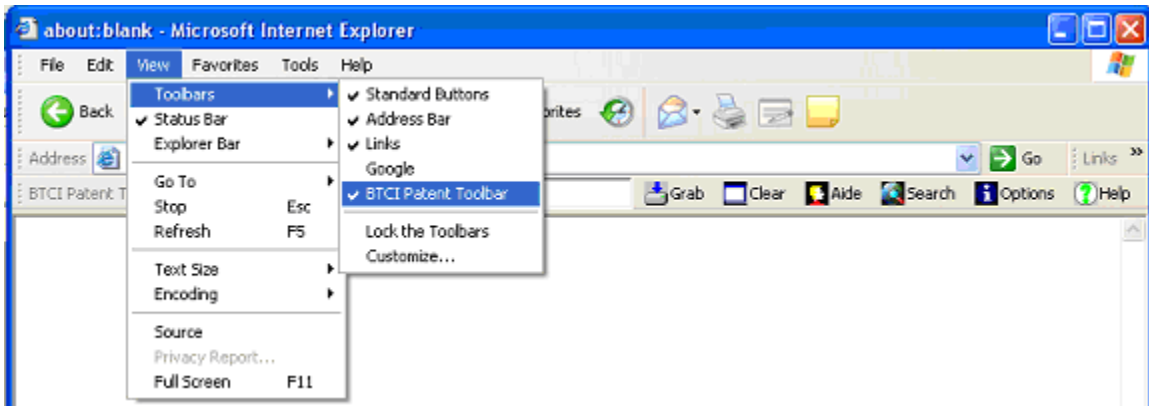
**Context Menu** In addition to the buttons on the toolbar, the BTCI Patent Toolbar also



provides an Internet Explorer context menu to download patent documents. To use the context menu, first highlight the patent numbers or patent application numbers, then click mouse right button, then click BTCI Patent Toolbar/Grab when context menu of Internet Explorer pops up. The BTCI Patent Toolbar downloads all the selected patent documents the same way as patent numbers being entered in the text entry on the toolbar.

## **Show or Hide the BTCI Patent Toolbar**

By clicking the BTCI Patent Toolbar as illustrated below, you can show or hide the BTCI Patent Toolbar interface. It works the same way with both Windows Internet Explorer and Windows Explorer.

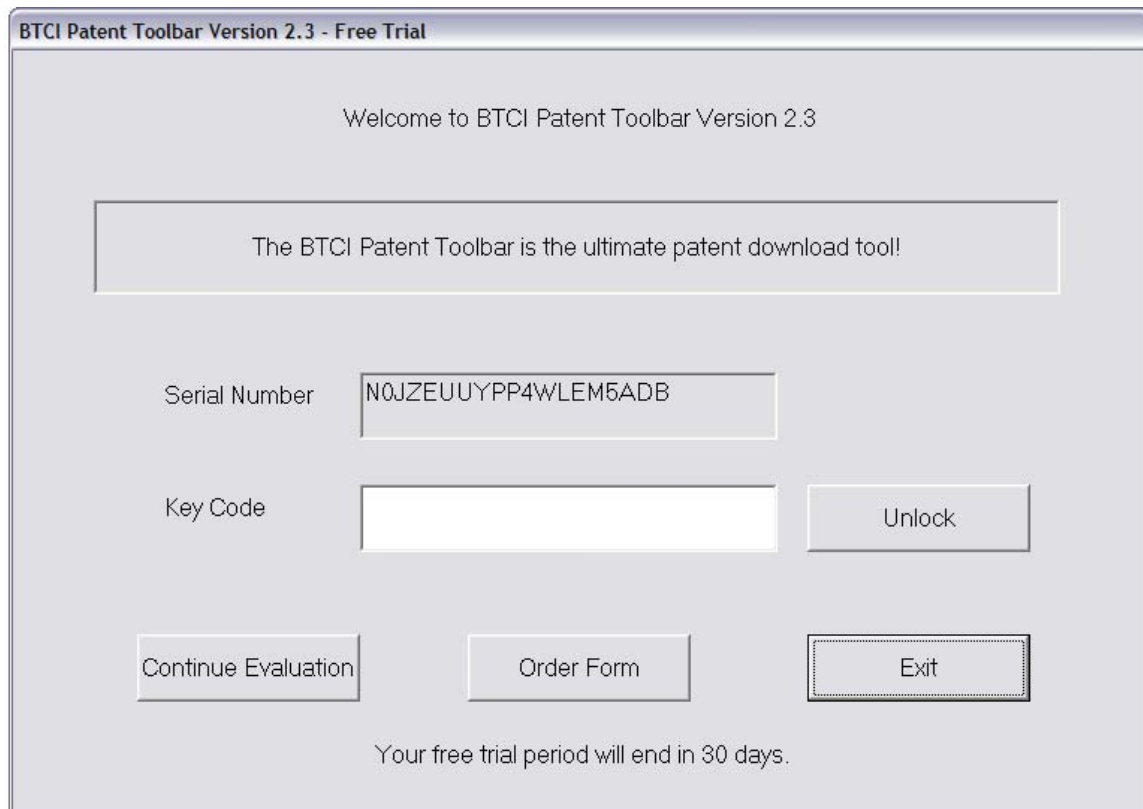


Note: If there is more than one third party Windows Internet Explorer toolbar installed in the system, clicking on the BTCI Patent Toolbar may show or hide a toolbar other than the BTCI Patent Toolbar in the Windows Explorer. This is a known problem in the Windows Internet Explorer. You would then have to click on other toolbar to determine which toolbar to hide or show.

## **Purchasing the BTCI Patent Toolbar**

To purchase the BTCI Patent Toolbar, please visit us at <http://www.baotechnology.com>.

Alternatively, you can click the Order Form button on the Free Trial window (see below), and print and complete the form.



For a single license, please enclose a check or money order for \$39. Make your check payable to Bao Technology & Consulting Inc. and send your check and order form to:

Bao Technology & Consulting Inc.  
1 Ardennes Drive  
Ladera Ranch, CA 92694  
USA

When we receive your order, we will e-mail you a private key code within two business days, generally within 24 hours.

Volume license arrangements can be purchased at a discounted price; contact [sales@baotechnology.com](mailto:sales@baotechnology.com) to discuss your needs and pricing.

## **Technical Support**

Licensed users receive free technical support and software upgrades for one year from the purchase date. When contacting Customer Support, please provide your name, the BTCi Patent Toolbar serial number and your questions or comments. Click the Option button on the BTCi Patent Toolbar to view the serial number after the product is registered with the proper key code. Please send e-mails to [support@baotechnology.com](mailto:support@baotechnology.com) for customer support.

## Revision History

- Version 1.0 November 1, 2004  
Initial Release
- Version 1.01 November 7, 2004  
Fixed bug: page number overlap issue on the download window.
- Version 2.0 January 9, 2005  
Supported download WO/PCT, EP patents, Japanese patent abstracts, and patents from the following European countries: United Kingdom, France, Sweden, Spain, Portugal, Belgium, Bulgaria, Estonia, Greek, Luxembourg, Monaco, Slovenia by patent numbers.
- Version 2.1 February 24, 2005  
Supported download US patent documents by published patent application numbers and download WO/PCT, EP, and other European patents by published patent application numbers and priority numbers.
- Version 2.2 April 22, 2005
- a. Supported download Canada, Germany, Austria, Denmark, Finland patents;
  - b. Supported additional patent number and published patent application number format:
    - i. US patent numbers and published patent application numbers can be entered with or without "Kind Code";
    - ii. In addition to comma, delimiter "/" and "\" can also be used in the patent numbers and patent application numbers;
  - c. Fixed bug: failed to download some US published patent application documents.
- Version 2.3 August 23, 2006
- a. Improved performance to significantly speed up download and convert Europe and WIPO patents;

- b. Provided automatically re-try up to five times when network traffic to USPTO website exceeding its maximum capacity;
- c. Added Search button to help user navigate to US, [esp@cenet](mailto:esp@cenet), United Kingdom, WIPO, German, Canada, Australia, P.R.China, Japan and Thai patent office websites to search patents.

Version 2.4 November 16, 2006

- a. Provided Internet Explorer context menu to download multiple patent documents;
- b. Added options to download US patents in HTML file and Microsoft Word file;
- c. Supported download Australia patents;
- d. Implemented a new Aide button that provides an easy way to compose patent numbers and patent application numbers with country code and document type - all the country code and document types supported can be found from drop down lists;
- e. Provided advanced support for download European patent document – granted patent documents can be downloaded with patent application numbers suffixed with document type code “B1”;
- f. Bug fix: sometimes incorrect US patent documents were downloaded due to multiple hits when querying USPTO database with patent numbers or patent application numbers. This is fixed with new query algorithm.

Version 2.5 November 11, 2008

- a. Updated the software so it is compatible with recent changes in the WIPO web site;
- b. Updated the software so it is compatible with recent changes in the Canada patent office web site;

Version 2.6 April 14, 2010

- a. Updated the software so it is compatible with recent changes in the WIPO web site;
- b. Updated the software so it covers patent databases of more than 90 countries;

Version 2.6.1 June 17, 2010

- a. Updated the software so it is compatible with recent changes in the WIPO web site for patent application documents;

- b. To provide support for Windows 7.

Version 2.6.2 November 16, 2010

- a. Resolved some compatibility issue with Windows 7.

Version 2.6.3 June 9, 2011

- a. Updated the software so it is compatible with recent changes in the WIPO web site.

## **Software Upgrade**

To install BTCI Patent Toolbar software upgrade, you will have to un-install any previous BTCI Patent Toolbar on your system. The following steps outline the procedure of un-installation and installation process:

- a. Close all Internet Explorer and Windows Explorer programs
- b. Click on Start/Control Panel
- c. Double click on Add or Remove Programs
- d. Highlight BTCI Patent Toolbar
- e. Click Remove button
- f. Click on Yes to confirm remove BTCI Patent Toolbar
- g. Wait for the un-installation process to complete
- h. Reboot system
- i. Double click BtcIPatentToolbar.msi
- j. Follow the instructions on the screen to finish installation

## **Minimum Requirements**

Microsoft Internet Explorer 4.0 (and above)  
Adobe Acrobat Reader

### **BTCI Patent Toolbar Manual**

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<http://www.baotechnology.com>