# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Dan Waldron	07/08/2008
David McGarel	07/08/2008
Robert Hensley	07/08/2008
Chris Peterson	07/09/2008

#### RECEIVING PARTY DATA

Name:	First Trust Portfolios L.P.
Street Address:	1001 Warrenville Road
Internal Address:	Suite 300
City:	Lisle
State/Country:	ILLINOIS
Postal Code:	60532

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12106672

## **CORRESPONDENCE DATA**

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Correspondent Name: MCANDREWS HELD & MALLOY, LTD

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Address Line 2: **SUITE 3400** 

Address Line 4: CHICAGO, ILLINOIS 60661

ATTORNEY DOCKET NUMBER: 18528US02

NAME OF SUBMITTER: Yufeng Ma

**PATENT** 

**REEL: 021222 FRAME: 0120** 

**Total Attachments: 5** 

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PATENT

**REEL: 021222 FRAME: 0121** 

# **ASSIGNMENT**

Case No.

18528US02

Serial No.:

12/106,672

Inventors:

Dan Waldron

Filing Date:

April 21, 2008

David McGarel Robert Hensley

**Christopher Peterson** 

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to **First Trust Portfolios L.P.**, a(n) Illinois corporation, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled **Methods and Computer Software Applications for Selecting Securities for an Investment Portfolio**; and identified as **Case No. 18528US02** in the offices of McANDREWS, HELD & MALLOY, LTD., and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any continuation, continuation-in-part, divisional, reexamination, reissue or extension of such applications or patents, and further assign to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all continuation, continuation-in-part, divisional, extension, and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue, re-examination or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to

cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment has not been made.

State of <u>Ilinois</u>
County of Du Page
The foregoing instrument was acknowledged before me this get day of
July, 2008 by Dan Waldron.
Official Seal Sandra Kim Streit Notary Public State of Illinois My Commission Expires 05/24/2011  Notary Public
WITNESS my hand and seal this

**Dan Waldron** 

State of <u>Illinoi's</u>	
County of <u>Pulage</u>	
The foregoing instrument was acknowled	lged before me this M day of
July, 2008 by David Mc	Gavel.
() <b>~~~~~~</b>	
Official Seal Sandra Kim Streit Notary Public State of Illinois My Commission Expires 05/24/2011	Modalim Street Motary Public
WITNESS my hand and seal thisday of	July, 2008.
$\overline{\mathbf{D}}$	avid McGarel

State of Alinois
County of Purage
The foregoing instrument was acknowledged before me this day of
July, 2008 by Robert Hensley.
Official Seal Sandra Kim Streit Notary Public State of Illinois My Commission Expires 05/24/2011  Motary Public  Notary Public
WITNESS my hand and seal this
RhebHenly
Robert Hensley

State of <u>Alinois</u>
County of Du Page
The foregoing instrument was acknowledged before me this 44 day of
July, 2008 by Chris Peterson.
Official Seal Sandra Kim Streit Notary Public State of Illinois My Commission Expires 05/24/2011  Notary Public
WITNESS my hand and seal this day of
P AR
Christopher Peterson

**RECORDED: 07/10/2008**