

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Emerson D. Miller</td> <td>03/17/2010</td> </tr> <tr> <td>Michael J. Mayer</td> <td>03/17/2010</td> </tr> <tr> <td>Phillip L. Richards</td> <td>03/17/2010</td> </tr> </tbody> </table>		Name	Execution Date	Emerson D. Miller	03/17/2010	Michael J. Mayer	03/17/2010	Phillip L. Richards	03/17/2010		
Name	Execution Date										
Emerson D. Miller	03/17/2010										
Michael J. Mayer	03/17/2010										
Phillip L. Richards	03/17/2010										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>BANK OF AMERICA CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>101 South Tryon Street</td> </tr> <tr> <td>City:</td> <td>Charlotte</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>28255</td> </tr> </table>		Name:	BANK OF AMERICA CORPORATION	Street Address:	101 South Tryon Street	City:	Charlotte	State/Country:	NORTH CAROLINA	Postal Code:	28255
Name:	BANK OF AMERICA CORPORATION										
Street Address:	101 South Tryon Street										
City:	Charlotte										
State/Country:	NORTH CAROLINA										
Postal Code:	28255										
PROPERTY NUMBERS Total: 2											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>61164276</td> </tr> <tr> <td>Application Number:</td> <td>12730807</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	61164276	Application Number:	12730807				
Property Type	Number										
Application Number:	61164276										
Application Number:	12730807										
CORRESPONDENCE DATA											
Fax Number: (704)339-5800 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 7043311000 Email: sarahcarranceja@mvalaw.com Correspondent Name: MOORE & VAN ALLEN PLLC FOR BOFA Address Line 1: 430 Davis Drive, Suite 500 Address Line 2: Post Office Box 13706 Address Line 4: Research Triangle Pa, NORTH CAROLINA 27709											
ATTORNEY DOCKET NUMBER:	2959US2.014033.838										
NAME OF SUBMITTER:	/James C. Edwards										

OP \$80.00 61164276

501131958

PATENT
REEL: 024147 FRAME: 0494

Total Attachments: 3

source=838-CombinedAssignment-Miller#page1.tif

source=838-CombinedAssignment-Mayer#page1.tif

source=838-CombinedAssignment-Richards#page1.tif

ASSIGNMENT

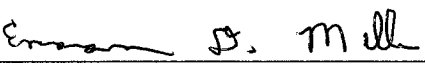
WHEREAS, I, EMERSON D. MILLER ("Assignor"), a citizen of the United States of America, residing in Charlotte, North Carolina, have invented certain new and useful inventions listed below. If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation.

<u>Title</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Atty Docket No.</u>
ELECTRONIC DISCOVERY SYSTEM	61/164,276	March 27, 2009	2958USP1.014033.563
SEARCH TERM HIT COUNTS IN AN ELECTRONIC DISCOVERY SYSTEM	<u>12/730,807</u>	<u>March 24, 2010</u>	2959US2.014033.838

WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisions, reissues, continuations and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue and continuation applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 17th day of March, 2010.



EMERSON D. MILLER, Assignor

ASSIGNMENT

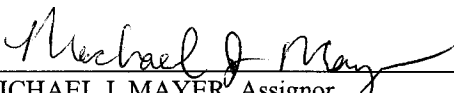
WHEREAS, I, MICHAEL J. MAYER ("Assignor"), a citizen of the United States of America, residing in Charlotte, North Carolina, have invented certain new and useful inventions listed below. If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation.

Title	Application No.	Filing Date	Atty Docket No.
ELECTRONIC DISCOVERY SYSTEM	61/164,276	March 27, 2009	2958USP1.014033.563
SEARCH TERM HIT COUNTS IN AN ELECTRONIC DISCOVERY SYSTEM	<u>12/730,807</u>	<u>March 24, 2010</u>	2959US2.014033.838

WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisions, reissues, continuations and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue and continuation applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 17 day of March, 2010


MICHAEL J. MAYER, Assignor

ASSIGNMENT

WHEREAS, I, PHILLIP L. RICHARDS ("Assignor"), a citizen of the United States of America, residing in Charlotte, North Carolina, have invented certain new and useful inventions listed below. If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize the attorneys for Bank of America to insert the filing date and application number below after they become known and prior to filing the recordation.

Title	Application No.	Filing Date	Atty Docket No.
ELECTRONIC DISCOVERY SYSTEM	61/164,276	March 27, 2009	2958USP1.014033.563
SEARCH TERM HIT COUNTS IN AN ELECTRONIC DISCOVERY SYSTEM	<u>12/730,807</u>	<u>March 24, 2010</u>	2959US2.014033.838

WHEREAS, BANK OF AMERICA CORPORATION ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all non-provisionals, divisions, reissues, continuations and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue and continuation applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 17 day of March, 2010.



PHILLIP L. RICHARDS, Assignor