501843507 03/06/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| Elizabeth Barnes Faires | 02/16/2012 |
| Jennifer Moore Lucas | 02/10/2012 |
| Yvette Marie Bohanan | 02/24/2012 |
| Sherin Bahig Elwy | 02/16/2012 |
| Jason Philip Typrin | 03/06/2012 |

RECEIVING PARTY DATA

| Name: | BANK OF AMERICA CORPORATION |
|-------------------|-----------------------------|
| Street Address: | 214 North Tryon Street |
| Internal Address: | Mailcode: NC1-027-20-05 |
| City: | Charlotte |
| State/Country: | NORTH CAROLINA |
| Postal Code: | 28255 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13413207 |

CORRESPONDENCE DATA

 Fax Number:
 (919)286-8199

 Phone:
 1-919-286-8000

Email: donnadonovan@mvalaw.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Moore & Van Allen, PLLC

Address Line 1: P.O. Box 13706

Address Line 4: Research Triangle Pk, NORTH CAROLINA 27709

| ATTORNEY DOCKET NUMBER: | 4766US1.014033.1528 |
|-------------------------|---------------------|
| | |

REEL: 027814 FRAME: 0643

PATENT

501843507

| NAME OF SUBMITTER: | Andrew D. Gerschutz | | |
|--|---------------------|--|--|
| Total Attachments: 5 source=4766US1_1528_Executed_Assignment#page1.tif source=4766US1_1528_Executed_Assignment#page2.tif source=4766US1_1528_Executed_Assignment#page3.tif source=4766US1_1528_Executed_Assignment#page4.tif source=4766US1_1528_Executed_Assignment#page5.tif | | | |

PATENT REEL: 027814 FRAME: 0644

ASSIGNMENT

| WHEREAS, I, ELIZABETH BARNES FAIRES, ("Assignor"), a citizen of the United States of America, residing in Gastonia, North Carolina, have invented certain new and useful inventions entitled "PORBIGN CURRENCY SOLUTION". 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.S. Application No | WHEDEAC I DITTADETH DADNEC FAIDEC (%4 | an a side and Call At the Nove of the Australia |
|--|--|---|
| 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.S. Application No. 13/413,207 filed March 6, 2012 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 Comm | | - |
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| IN WITNESS WHEREOF, I have hereunto set my hand and seal this 16 day of February , 2012. | including salary or payment for the making of inventions, or employed acknowledged, I said Assignor, by these presents do sell, assign and tra representatives, the full and exclusive right, title and interest for the terest foreign thereto, and throughout the world and in space, (including the rown name and to claim any priority rights for such foreign applications conventions, treaties, or otherwise), in and to said inventions and in and all non-provisionals, divisions, reissues, continuations and extensions the associated goodwill, trade secrets, confidential information, and cominventions. I hereby authorize and request the Commissioner of Patents, all Letters Patent on said inventions or resulting therefrom to said Assigningly, title and interest. I represent and warrant that I have full right to apply will without further consideration, but at the expense of Assignee, comnominees, any and all facts known to me regarding said inventions when divisional, reissue and continuation applications, testify in any legal propared generally do everything reasonable for said Assignee, its successor patent protection for said inventions in all countries. IN WITNESS WHEREOF, I have hereunto set my hand and sear | benefits, the receipt and sufficiency of which is hereby insfer unto said Assignee, its successors, assigns and legal rritory of the United States of America and all countries right to apply for Letters Patent in foreign countries in its to which such applications are entitled under international to all applications and Letters Patent granted therefor, and hereof, and in and to all copyrights, trademarks with their pilations, necessary or useful to make, use, or sell the and any official whose duty it is to issue patents, to issue nee, or its successors and assigns, as assignee of the entire gree to, execute, and deliver this assignment. I agree that I immunicate to said Assignee, or its successors, assigns, or ever requested, and that I will execute all non-provisional, beceedings, sign all lawful papers, make all rightful oaths, ars, assigns, and nominees, to obtain and enforce proper |

TRI1\786575v1

ELIZABETH BARNES FAIRES, Assignor

ASSIGNMENT

WHEREAS, I, JENNIFER MOORE LUCAS ("Assignor"), a citizen of the United States of America, residing in Charlotte, North Carolina, have invented certain new and useful inventions entitled "FOREIGN CURRENCY SOLUTION". 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. March 6, 2012 13/413,207

| WHEREAS, BANK OF | AMERICA CORPORATION (| ("Assignee"), a Corporation duly | organized under the laws of the |
|------------------|-----------------------|----------------------------------|---------------------------------|

__ filed _____

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:

U.S. Application No.

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 of day of February, 2012.

From:santanaleasing 02/24/2012 12:33 #291 P.001/002

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ASSIGNMENT

| | | | en of the United States of America, re | - |
|---------------------------------|------------------------------|---------------------------|--|----------------|
| | | | "FOREIGN CURRENCY SOLUTI | |
| • | | | with, otherwise, to comply with 37 C.F | _ |
| | - | - | eys for Bank of America to insert the fi | ling date and |
| application number below as | | - | Moroh 6 2012 | |
| U.S. Application No. | 13/413,20/ | filed | 174110110, 2012 | . |
| WHEREAS, BAN | COF AMERICA CORPO | PRATION ("Assignee") | a Corporation duly organized under th | e laws of th |
| State of Delaware, and hav | ng its offices and place of | of business at Charlotte | , North Carolina, is desirous of acquiri | ing the entir |
| right, title and interest in an | d to the aforesaid inventi- | ons and in and to all ap | plications and Letters Patent therefor g | granted in th |
| United States of America, ar | d in any and all countries | foreign thereto: | | |
| NOW, THEREFO | RE, TO WHOM IT MA | Y CONCERN, be it | known that, for good and valuable c | onsideration |
| including salary or payment | for the making of inven | tions, or employee bene | efits, the receipt and sufficiency of wh | ich is hereb |
| acknowledged, I said Assign | or, by these presents do s | sell, assign and transfer | unto said Assignee, its successors, assignee | gns and lega |
| representatives, the full and | exclusive right, title and | interest for the territor | y of the United States of America and | all countrie |
| foreign thereto, and through | out the world and in space | e, (including the right t | o apply for Letters Patent in foreign co | ountries in it |
| own name and to claim any | priority rights for such for | reign applications to wh | ich such applications are entitled under | internationa |
| • | | • | applications and Letters Patent granted | |
| | • | | , and in and to all copyrights, trademar | |
| | | • | ons, necessary or useful to make, use | |
| - | | | my official whose duty it is to issue pat | |
| • | . | | r its successors and assigns, as assignee | |
| | | | o, execute, and deliver this assignment. | |
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| | - | | cate to said Assignee, or its successors | • |
| • | | | equested, and that I will execute all non | |
| | | | ngs, sign all lawful papers, make all ri | |
| | | gnee, its successors, as | signs, and nominees, to obtain and en | Horce prope |
| patent protection for said inv | entions in all countries. | | · . | |
| IN WITNESS WHE | CREOF, I have hereunto se | et my hand and seal this | 24 day of February | , 2012. |
| | | Uniter | Bohanan | |
| | | YVETTE MAI | ME BOHANAN, Assignor | |
| | | 1 | <u>,</u> | |

TR11\786577v1

4766US1.014033.1528

ASSIGNMENT

| WHEREAS, I, SHERIN BAHIG ELWY ("Assignor"), a citizen of the Germany, residing in Wellesly, Massachusetts, have invented certain new and useful inventions entitled "FOREIGN CURRENCY SOLUTION". 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.S. Application No |
|--|
| WHEREAS, BANK OF AMERICA CORPORATION ("Assignce"), 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 alf 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 are entitled under international 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 thereform to said Assignee, or its successors and assigns, as assignee of the entir right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that 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 an |

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ASSIGNMENT

| WHEREAS, I, JASON PHILIP TYPRIN ("Assignor"), a citize | en of the United States of America, residing in |
|---|--|
| Charlotte, North Carolina, have invented certain new and useful inventions | entitled "FOREIGN CURRENCY SOLUTION". |
| If the following lines are blank, the above application was filed on even date h | herewith, otherwise, to comply with 37 C.F.R. §3.21 |
| for recordal of this assignment, I, an assignor below, hereby authorize the atte | orneys for Bank of America to insert the filing date |
| and application number below after they become known and prior to filing the | recordation. |
| U.S. Application No13/413,207 filed | March 6, 2012 |
| | |
| 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 app | plications 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 l | known that, for good and valuable consideration, |
| including salary or payment for the making of inventions, or employee bene | efits, the receipt and sufficiency of which is hereby |
| acknowledged, I said Assignor, by these presents do sell, assign and transfer to | unto said Assignee, its successors, assigns and legal |
| representatives, the full and exclusive right, title and interest for the territory | y of the United States of America and all countries |
| foreign thereto, and throughout the world and in space, (including the right to | o apply for Letters Patent in foreign countries in its |
| own name and to claim any priority rights for such foreign applications to whi | ich 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

IN WITNESS WHEREOF, I have hereunto set my hand and seal this ______ day of _____ ARCH___, 2012.

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patent protection for said inventions in all countries.

RECORDED: 03/06/2012

PATENT REEL: 027814 FRAME: 0649