

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thomas Kunz</td> <td>05/05/2011</td> </tr> <tr> <td>Erik Rettger</td> <td>05/05/2011</td> </tr> <tr> <td>David Farkas</td> <td>05/12/2011</td> </tr> <tr> <td>Christina Payne Earle</td> <td>05/24/2011</td> </tr> <tr> <td>Dennis Y. Wang</td> <td>05/20/2011</td> </tr> <tr> <td>Rodney H. Monson</td> <td>05/09/2011</td> </tr> <tr> <td>Luke P. Woods</td> <td>05/06/2011</td> </tr> <tr> <td>Simon King</td> <td>05/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	Thomas Kunz	05/05/2011	Erik Rettger	05/05/2011	David Farkas	05/12/2011	Christina Payne Earle	05/24/2011	Dennis Y. Wang	05/20/2011	Rodney H. Monson	05/09/2011	Luke P. Woods	05/06/2011	Simon King	05/16/2011
Name	Execution Date																		
Thomas Kunz	05/05/2011																		
Erik Rettger	05/05/2011																		
David Farkas	05/12/2011																		
Christina Payne Earle	05/24/2011																		
Dennis Y. Wang	05/20/2011																		
Rodney H. Monson	05/09/2011																		
Luke P. Woods	05/06/2011																		
Simon King	05/16/2011																		
RECEIVING PARTY DATA																			
<table border="1"> <tr> <td>Name:</td> <td>The PNC Financial Services Group, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>249 Fifth Avenue</td> </tr> <tr> <td>City:</td> <td>Pittsburgh</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>15222</td> </tr> </table>		Name:	The PNC Financial Services Group, Inc.	Street Address:	249 Fifth Avenue	City:	Pittsburgh	State/Country:	PENNSYLVANIA	Postal Code:	15222								
Name:	The PNC Financial Services Group, Inc.																		
Street Address:	249 Fifth Avenue																		
City:	Pittsburgh																		
State/Country:	PENNSYLVANIA																		
Postal Code:	15222																		
PROPERTY NUMBERS Total: 1																			
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13684926</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13684926														
Property Type	Number																		
Application Number:	13684926																		
CORRESPONDENCE DATA																			
<p>Fax Number: 4125621041 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 412 562 1893</p> <p>Email: susan.hilburg@bipc.com</p> <p>Correspondent Name: Bryan H. Opalko</p> <p>Address Line 1: 301 Grant Street, 20th Floor</p> <p>Address Line 4: Pittsburgh, PENNSYLVANIA 15219</p>																			
ATTORNEY DOCKET NUMBER:	0011046-600102																		

OP \$40.00 13684926

NAME OF SUBMITTER:	Bryan H. Opalko
Signature:	/Bryan H. Opalko/
Date:	05/28/2013
<p>Total Attachments: 11</p> <p>source=PNC600102Assignment#page1.tif</p> <p>source=PNC600102Assignment#page2.tif</p> <p>source=PNC600102Assignment#page3.tif</p> <p>source=PNC600102Assignment#page4.tif</p> <p>source=PNC600102Assignment#page5.tif</p> <p>source=PNC600102Assignment#page6.tif</p> <p>source=PNC600102Assignment#page7.tif</p> <p>source=PNC600102Assignment#page8.tif</p> <p>source=PNC600102Assignment#page9.tif</p> <p>source=PNC600102Assignment#page10.tif</p> <p>source=PNC600102Assignment#page11.tif</p>	

Attorney's Docket No. 100805

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or
☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: Multiple Inventors

Serial No. 13/037,063

Filing Date: February 28, 2011

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Thomas Kunz
(type or print name of inventors)

1550 Tiffany Drive
Pittsburgh, PA 15241 USA
Address Nationality

Erik Rettger

34 Heritage Court
Delmont, PA 15626 USA

David Farkas

1830 Lombard Street, Apt. 402
Philadelphia, PA 19146 USA

Christina Payne

139 S. Dallas Avenue
Pittsburgh, PA 15208 USA

Dennis Y. Wang

2574 Corteland Drive
Pittsburgh, PA 15241 USA

Rodney H. Monson

3253 Country Lane
Waukegan, IL 60087 USA

Luke P. Woods

824 W. Wrightwood Avenue, Apt. 2
Chicago, IL 60614 USA

Simon King

1003 N. Winchester Avenue, Apt. 1
Chicago, IL 60622 USA

hereby sells, assigns and transfers to

ASSIGNEE:

The PNC Financial Services Group, Inc.
(type or print name of ASSIGNEE)

249 Fifth Avenue
Address

(a Pennsylvania corporation)

Pittsburgh, PA 15222

and the successors, assigns and legal representatives of the ASSIGNEE

☒ the entire right, title and interest

☐ an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority both in the United States and in all foreign countries, in and to any and all improvements which are disclosed in the invention entitled:

INCOME ANALYSIS TOOLS FOR WEALTH MANAGEMENT

and which is found in:

(a) ☐ U.S. patent application executed on even date herewith;

(b) ☒ U.S. application no.: 13/037,063 filed on February 28, 2011

and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this _____

Thomas Kunz
(type name of Inventor)

Erik Rettger
(type name of Inventor)

David Farkas
(type name of Inventor)

Christina Payne
(type name of Inventor)

Dennis Y. Wang
(type name of Inventor)

Rodney H. Monson
(type name of Inventor)

Luke P. Woods
(type name of Inventor)

Simon King
(type name of Inventor)

X Thomas V. Kunz X 6/5/11
Signature of INVENTOR Date

X [Signature] X 5/5/11
Signature of INVENTOR Date

X X
Signature of INVENTOR Date

X X
Signature of INVENTOR Date

X [Signature] X 5/20/11
Signature of INVENTOR Date

X X
Signature of INVENTOR Date

X X
Signature of INVENTOR Date

X X
Signature of INVENTOR Date

(Assignment of Invention-Multiple Inventors [16-3.2]-page 2)

Attorney's Docket No. 100805

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or
☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: Multiple Inventors

Serial No. 13/037,063

Filing Date: February 28, 2011

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Thomas Kunz
(type or print name of Inventors)

1550 Tiffany Drive
Pittsburgh, PA 15241 USA
Address Nationality

Erik Reitger

34 Heritage Court
Delmont, PA 15626 USA

David Farkas

1830 Lombard Street, Apt. 402
Philadelphia, PA 19146 USA

Christina Payne

139 S. Dallas Avenue
Pittsburgh, PA 15208 USA

Dennis Y. Wang

2574 Cortland Drive
Pittsburgh, PA 15241 USA

Rodney H. Monson

3253 Country Lane
Waukegan, IL 60087 USA

Luke P. Woods

824 W. Wrightwood Avenue, Apt. 2
Chicago, IL 60614 USA

Simon King

1003 N. Winchester Avenue, Apt. 1
Chicago, IL 60622 USA

hereby sells, assigns and transfers to

ASSIGNEE:

The PNC Financial Services Group, Inc.
(type or print name of ASSIGNEE)

249 Fifth Avenue
Address

(a Pennsylvania corporation)

Pittsburgh, PA 15222

and the successors, assigns and legal representatives of the ASSIGNEE

☒ the entire right, title and interest

☐ an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority both in the United States and in all foreign countries, in and to any and all improvements which are disclosed in the invention entitled:

INCOME ANALYSIS TOOLS FOR WEALTH MANAGEMENT

and which is found in:

(a) ☐ U.S. patent application executed on even date herewith;

(b) ☒ U.S. application no.: 13/037,063 filed on February 28, 2011

and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this _____

Thomas Kunz
(type name of inventor)

X X
Signature of INVENTOR Date

Erik Rettoer
(type name of inventor)

X X
Signature of INVENTOR Date

David Farkas
(type name of inventor)

X X 5/12/11
Signature of INVENTOR Date

Christina Payne
(type name of inventor)

X X
Signature of INVENTOR Date

Dennis Y. Wang
(type name of inventor)

X X
Signature of INVENTOR Date

Rodney H. Monson
(type name of inventor)

X X
Signature of INVENTOR Date

Luke P. Woods
(type name of inventor)

X X
Signature of INVENTOR Date

Simon King
(type name of inventor)

X X
Signature of INVENTOR Date

(Assignment of Invention-Multiple Inventors [16-3.2] -page 2)

PATENT

REEL: 030494 FRAME: 0410

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or
☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: Multiple Inventors

Serial No. 13/037,063Filing Date: February 28, 2011**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

<u>Thomas Kunz</u> (type or print name of inventors)	<u>1550 Tiffany Drive</u> <u>Pittsburgh, PA 15241</u> Address	<u>USA</u> Nationality
<u>Erik Rettger</u>	<u>34 Heritage Court</u> <u>Delmont, PA 15626</u>	<u>USA</u>
<u>David Farkas</u>	<u>1830 Lombard Street, Apt. 402</u> <u>Philadelphia, PA 19146</u>	<u>USA</u>
<u>Christina Payne Earl</u>	<u>139 S. Dallas Avenue</u> <u>Pittsburgh, PA 15208</u>	<u>USA</u>
<u>Dennis Y. Wang</u>	<u>2574 Corteland Drive</u> <u>Pittsburgh, PA 15241</u>	<u>USA</u>
<u>Rodney H. Monson</u>	<u>3253 Country Lane</u> <u>Waukegan, IL 60087</u>	<u>USA</u>
<u>Luke P. Woods</u>	<u>824 W. Wrightwood Avenue, Apt. 2</u> <u>Chicago, IL 60614</u>	<u>USA</u>
<u>Simon King</u>	<u>1003 N. Winchester Avenue, Apt. 1</u> <u>Chicago, IL 60622</u>	<u>USA</u>

hereby sells, assigns and transfers to

ASSIGNEE:

<u>The PNC Financial Services Group, Inc.</u> (type or print name of ASSIGNEE)	<u>249 Fifth Avenue</u> Address
<u>(a Pennsylvania corporation)</u>	<u>Pittsburgh, PA 15222</u>

and the successors, assigns and legal representatives of the ASSIGNEE

☒ the entire right, title and interest

☐ an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority both in the United States and in all foreign countries, in and to any and all improvements which are disclosed in the invention entitled:

INCOME ANALYSIS TOOLS FOR WEALTH MANAGEMENT

and which is found in:

(a) ☐ U.S. patent application executed on even date herewith;

(b) ☒ U.S. application no.: 13/037,063 filed on February 28, 2011

and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this _____ Date of signing

Thomas Kunz
(type name of Inventor)

X X
Signature of INVENTOR Date

Erik Rettger
(type name of Inventor)

X X
Signature of INVENTOR Date

David Farkas
(type name of Inventor)

X X
Signature of INVENTOR Date

Christina Payne Earle
(type name of Inventor)

X Christina Earle X 5/24/11
Signature of INVENTOR Date

Dennis Y. Wang
(type name of Inventor)

X X
Signature of INVENTOR Date

Rodney H. Monson
(type name of Inventor)

X X
Signature of INVENTOR Date

Luke P. Woods
(type name of Inventor)

X X
Signature of INVENTOR Date

Simon King
(type name of Inventor)

X X
Signature of INVENTOR Date

(Assignment of Invention--Multiple Inventors [16-3.2]--page 2)

and the successors, assigns and legal representatives of the ASSIGNEE

☒ the entire right, title and interest

☐ an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority both in the United States and in all foreign countries, in and to any and all improvements which are disclosed in the invention entitled:

INCOME ANALYSIS TOOLS FOR WEALTH MANAGEMENT

and which is found in:

(a) ☐ U.S. patent application executed on even date herewith;

(b) ☒ U.S. application no.: 13/037,063 filed on February 28, 2011

and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this _____

Date of signing

Thomas Kunz
(type name of Inventor)

X X
Signature of INVENTOR Date

Erik Rettger
(type name of Inventor)

X X
Signature of INVENTOR Date

David Farkas
(type name of Inventor)

X X
Signature of INVENTOR Date

Christina Payne
(type name of Inventor)

X X
Signature of INVENTOR Date

Dennis Y. Wang
(type name of Inventor)

X X
Signature of INVENTOR Date

Rodney H. Monson
(type name of Inventor)

X X March 9, 2011
Signature of INVENTOR Date

Luke P. Woods
(type name of Inventor)

X X
Signature of INVENTOR Date

Simon King
(type name of Inventor)

X X
Signature of INVENTOR Date

(Assignment of Invention--Multiple Inventors [16-3.2]--page 2)

Attorney's Docket No. 100805

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or
☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: Multiple Inventors

Serial No. 13/037,063

Filing Date: February 28, 2011

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

<u>Thomas Kunz</u> (type or print name of inventors)	<u>1550 Tiffany Drive</u> <u>Pittsburgh, PA 15241</u> Address	<u>USA</u> Nationality
<u>Erik Rettger</u>	<u>34 Heritage Court</u> <u>Delmont, PA 15626</u>	<u>USA</u>
<u>David Farkas</u>	<u>1830 Lombard Street, Apt. 402</u> <u>Philadelphia, PA 19146</u>	<u>USA</u>
<u>Christina Payne</u>	<u>139 S. Dallas Avenue</u> <u>Pittsburgh, PA 15208</u>	<u>USA</u>
<u>Dennis Y. Wang</u>	<u>2574 Corteland Drive</u> <u>Pittsburgh, PA 15241</u>	<u>USA</u>
<u>Rodney H. Monson</u>	<u>3253 Country Lane</u> <u>Waukegan, IL 60087</u>	<u>USA</u>
<u>Luke P. Woods</u>	<u>824 W. Wrightwood Avenue, Apt. 2</u> <u>Chicago, IL 60614</u>	<u>USA</u>
<u>Simon King</u>	<u>1003 N. Winchester Avenue, Apt. 1</u> <u>Chicago, IL 60622</u>	<u>USA</u>

hereby sells, assigns and transfers to

ASSIGNEE:

<u>The PNC Financial Services Group, Inc.</u> (type or print name of ASSIGNEE)	<u>249 Fifth Avenue</u> Address
<u>(a Pennsylvania corporation)</u>	<u>Pittsburgh, PA 15222</u>

and the successors, assigns and legal representatives of the ASSIGNEE

☒ the entire right, title and interest

☐ an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority both in the United States and in all foreign countries, in and to any and all improvements which are disclosed in the invention entitled:

INCOME ANALYSIS TOOLS FOR WEALTH MANAGEMENT

and which is found in:

(a) ☐ U.S. patent application executed on even date herewith;

(b) ☒ U.S. application no.: 13/037,063 filed on February 28, 2011

and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this _____

Thomas Kunz
(type name of Inventor)

Erik Rettger
(type name of Inventor)

David Farkas
(type name of Inventor)

Christina Payne
(type name of Inventor)

Dennis Y. Wang
(type name of Inventor)

Rodney H. Monson
(type name of Inventor)

Luke P. Woods
(type name of Inventor)

Simon King
(type name of Inventor)

X X
Signature of INVENTOR Date

X X
Signature of INVENTOR Date

X X
Signature of INVENTOR Date

X X
Signature of INVENTOR Date

X X
Signature of INVENTOR Date

X X
Signature of INVENTOR Date

X X 5/6/2011
Signature of INVENTOR Date

X X
Signature of INVENTOR Date

(Assignment of Invention--Multiple Inventors [16-3.2]--page 2)

Attorney's Docket No. 100805

PATENT

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or
☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: Multiple Inventors

Serial No. 13/037,063

Filing Date: February 28, 2011

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Thomas Kunz
(type or print name of inventors)

1550 Tiffany Drive
Pittsburgh, PA 15241 USA
Address Nationality

Erik Rettger

34 Heritage Court
Delmont, PA 15626 USA

David Farkas

1830 Lombard Street, Apt. 402
Philadelphia, PA 19146 USA

Christina Payne

139 S. Dallas Avenue
Pittsburgh, PA 15208 USA

Dennis Y. Wang

2574 Corteland Drive
Pittsburgh, PA 15241 USA

Rodney H. Monson

3253 Country Lane
Waukegan, IL 60087 USA

Luke P. Woods

824 W. Wrightwood Avenue, Apt. 2
Chicago, IL 60614 USA

Simon King

1003 N. Winchester Avenue, Apt. 1
Chicago, IL 60622 USA

hereby sells, assigns and transfers to

ASSIGNEE:

The PNC Financial Services Group, Inc.
(type or print name of ASSIGNEE)

249 Fifth Avenue
Address

(a Pennsylvania corporation)

Pittsburgh, PA 15222

and the successors, assigns and legal representatives of the ASSIGNEE

☒ the entire right, title and interest

☐ an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority both in the United States and in all foreign countries, in and to any and all improvements which are disclosed in the invention entitled:

INCOME ANALYSIS TOOLS FOR WEALTH MANAGEMENT

and which is found in:

(a) ☐ U.S. patent application executed on even date herewith;

(b) ☒ U.S. application no.: 13/037,063 filed on February 28, 2011

and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this 5/16/2011

Date of signing

Thomas Kunz
(type name of Inventor)

X X
Signature of INVENTOR Date

Erik Rettger
(type name of Inventor)

X X
Signature of INVENTOR Date

David Farkas
(type name of Inventor)

X X
Signature of INVENTOR Date

Christina Payne
(type name of Inventor)

X X
Signature of INVENTOR Date

Dennis Y. Wang
(type name of Inventor)

X X
Signature of INVENTOR Date

Rodney H. Monson
(type name of Inventor)

X X
Signature of INVENTOR Date

Luke P. Woods
(type name of Inventor)

X X
Signature of INVENTOR Date

Simon King
(type name of Inventor)

X X 5/16/2011
Signature of INVENTOR Date

(Assignment of Invention—Multiple Inventors [16-3.2]—page 2)

PATENT

RECORDED: 05/28/2013

REEL: 030494 FRAME: 0417