PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3793088

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BNY MELLON DISTRIBUTORS HOLDINGS INC.	02/26/2016

RECEIVING PARTY DATA

Name:	THE BANK OF NEW YORK MELLON
Street Address:	225 LIBERTY STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10286

PROPERTY NUMBERS Total: 1

Property Type	Number					
Patent Number:	8583532					

CORRESPONDENCE DATA

Fax Number: (412)355-6501

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 412-355-8675

Email: piuspatents@klgates.com

Correspondent Name: K&L GATES LLP - JOHN D. SCARITO

Address Line 1: 210 SIXTH AVENUE Address Line 2: **K&L GATES CENTER**

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222-2613

ATTORNEY DOCKET NUMBER:	040664CON5
NAME OF SUBMITTER:	JOHN D. SCARITO
SIGNATURE:	/John D. Scarito/
DATE SIGNED:	03/21/2016

Total Attachments: 3

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PATENT REEL: 038053 FRAME: 0017 503746443

ASSIGNMENT AGREEMENT

WHEREAS, BNY Mellon Distributors Holdings, Inc. (hereinafter "Assignor"), a Delaware company having a mailing address at 301 Bellevue Parkway, Wilmington, DE 19809 is the owner of United States and foreign patents and patent applications listed on the attached Schedule (hereinafter "the Patent Assets"); and

WHEREAS, The Bank of New York Mellon (hereinafter "Assignee"), a New York company having a mailing address at 225 Liberty Street, New York, NY 10286 is desirous of acquiring all right, title, and interest in and to the Patent Assets;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which by Assignor is hereby acknowledged, and intending to be legally bound hereby, Assignor does hereby sell, assign, transfer, and set over its entire right, title, and interest, throughout the World, in and to each patent and patent application included in the Patent Assets, including, but not limited to, the right to sue for past infringement, the same to be held and enjoyed by the Assignee, its successors and assigns, as fully as the same would have been held and enjoyed by the Assignor had this assignment not been made.

And for the consideration aforesaid, Assignor agrees that it will, upon request, execute and deliver to Assignee any and all additional papers and generally do all other and further lawful acts reasonable and necessary to record this Assignment Agreement and to otherwise carry out the terms of this Assignment Agreement.

EXECUTED this 26th day of February , 2016

BNY MELLON DISTRIBUTORS HOLDINGS INC	THE BANK OF NEW YORK MELLON
Ву:	Ву:
Name: Calvin Holmquist	Name: Thomas P. Gibbons
Title: CEO & President	Title: Chairman & President

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WHEREAS, BNY Mellon Distributors Holdings, Inc. (hereinafter "Assignor"), a Delaware company having a mailing address at 301 Bellevue Parkway, Wilmington, DE 19809 is the owner of United States and foreign patents and patent applications listed on the attached Schedule (hereinafter "the Patent Assets"); and

WHEREAS, The Bank of New York Mellon (hereinaster "Assignee"), a New York company having a mailing address at 225 Liberty Street, New York, NY 10286 is desirous of acquiring all right, title, and interest in and to the Patent Assets;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which by Assignor is hereby acknowledged, and intending to be legally bound hereby, Assignor does hereby sell, assign, transfer, and set over its entire right, title, and interest, throughout the World, in and to each patent and patent application included in the Patent Assets, including, but not limited to, the right to sue for past infringement, the same to be held and enjoyed by the Assignee, its successors and assigns, as fully as the same would have been held and enjoyed by the Assignor had this assignment not been made.

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EXECUTED this 26th day of February, 2016

BNY MELLON DISTRIBUTORS	THE BANK OF NEW YORK MELLON					
HOLDINGS INC	By: Mones P. L					
Ву:	By: / for they / · / L					
Name: Calvin Holmquist	Name: Thomas P. Gibbons					
Title: CEO & President	Title: Chairman & President					

PATENT REEL: 038053 FRAME: 0019

PATENT ASSETS SCHEDULE

Assignor: BNY MELLON DISTRIBUTORS HOLDINGS INC. Assignee: THE BANK OF NEW YORK MELLON

RECORDED: 03/21/2016

nite seeman	MUTUAL FUND WORKFLOW SYSTEM	MUTUAL FUND CUSTOMER IDENTIFICATION USING A COMPLIANCE DATABASE	7/1/2014 MUTUAL FUND CUSTOMER IDENTIFICATION	MUTUAL FUND CUSTOMER IDENTIFICATION	8,583,532 11/12/2013 SYSTEMS AND METHODS FOR DETERMINING AN EARNINGS PORTION OF A DISTRIBUTION FROM A 529 PLAN	SYSTEMS AND METHODS FOR DETERMINING AN EARNINGS PORTION OF A DISTRIBUTION FROM A 529 PLAN	DATA AGGREGATION FOR PROCESSING AND ANALYZING 529 PLAN DATA	SYSTEMS AND METHODS FOR DETERMINING AN EARNINGS PORTION OF A DISTRIBUTION FROM A 529 PLAN	7/13/2010 SYSTEMS AND METHODS FOR DETERMINING AN EARNINGS PORTION OF A DISTRIBUTION FROM A 529 PLAN	7,877,310 1/25/2011 SYSTEMS AND METHODS FOR DETERMINING AN EARNINGS PORTION OF A DISTRIBUTION FROM A 529 PLAN	CONSOLIDATION AND PROCESSING OF INVESTMENT DATA FOR MULTIPLE ASSET ACCOUNTS	4/19/2011 PROMOTING COMPLIANCE BY FINANCIAL INSTITUTIONS WITH DUE DILIGENCE REQUIREMENTS	1/14/2014 CASH SWEEP ACCOUNT PLATFORM SYSTEM AND METHOD	CASH SWEEP ACCOUNT PLATFORM SYSTEM AND METHOD
Patent# Issue Date Title			7/1/2014		11/12/2013				7/13/2010	1/25/2011		4/19/2011	1/14/2014	200
Patent #			8,768,839		8,583,532				7,756,771	7,877,310		7,930,228	8,630,943	
Filing Date	1/30/2004	9/1/2011	10/21/2011	6/30/2014	1/11/2012	11/11/2013	3/13/2015	9/22/2014	2/26/2007	6/9/2010	1/17/2014	1/25/2008	5/16/2007	1/13/2014
Country ID Filing Date	ns	SO	SD	Sn	US	SO	ns	SI	S	SI	ns	<u>US</u>	ns	US
Serial #	10/769,672	13/223,752	13/278,549 US	14/319,826 US	13/348,116 US	14/076,394 US	14/657,809	14/492,855 US	11/710,685	12/797,358 US	14/158,373	12/019,964 US	11/803,950	14/153,812 US

PATENT REEL: 038053 FRAME: 0020