

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6728073

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| WELLS FARGO & COMPANY | 02/18/2009 |
| RECEIVING PARTY DATA | |
| Name: | WELLS FARGO BANK, N.A. |
| Street Address: | 420 MONTGOMERY STREET |
| City: | SAN FRANCISCO |
| State/Country: | CALIFORNIA |
| Postal Code: | 94104 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 17329645 |
| CORRESPONDENCE DATA | |
| Fax Number: | (202)672-5399 |
| <i>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.</i> | |
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| Correspondent Name: | FOLEY & LARDNER |
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| Address Line 2: | SUITE 600 |
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| ATTORNEY DOCKET NUMBER: | 052873-1547 |
| NAME OF SUBMITTER: | KATIE M. RILEY |
| SIGNATURE: | /Katie M. Riley/ |
| DATE SIGNED: | 05/25/2021 |
| Total Attachments: 6 | |
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ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS

This Assignment of Patents and Patent Applications (this "Assignment") is made as of this the 18th day of February 2009, by WELLS FARGO & COMPANY, a corporation organized and existing under the laws of the State of Delaware, with a principal office and place of business at, 420 Montgomery Street, San Francisco, California 94163 (the "Assignor"), to WELLS FARGO BANK, N.A., a national banking association organized and existing under the laws of the United States of America with a with a principal office and place of business at 420 Montgomery Street, San Francisco, California 94104 (the "Assignee").

Assignor desires to transfer and assign to the Assignee, and the Assignee desires to accept the transfer and assignment of, all of the Assignor's worldwide rights, title and interests in, to and under the Assignor's patents and patent applications, and the inventions disclosed therein, listed on Schedule A annexed hereto and incorporated herein by reference (collectively, the "Patents").

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged:

Assignor does hereby transfer and assign to the Assignee all of the Assignor's worldwide rights, title and interests in, to and under the Patents, including any and all improvements thereto, reissues, divisions, continuations, continuations-in-part, reexaminations, renewals and extensions and the like of any of the foregoing, in the United States or worldwide, the same to be held and enjoyed by the Assignee, its successors and assigns from and after the date hereof as fully and entirely as the same would have been held and enjoyed by the Assignor had this Assignment not been made.

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PATENT
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Assignor does further hereby transfer, assign, endorse, sell, set over and convey unto Assignee, any and all of Assignor's litigation rights and any claims in, to and under the Patents, whether arising prior to or subsequent to the date of this Assignment, including the right to sue for damages for past infringement, the same to be held and enjoyed by the Assignee, its successors and assigns from and after the date hereof as fully and entirely as the same would have been held and enjoyed by the Assignor had this Assignment not been made.

Assignor: WELL FARGO & COMPANY

By: Carrie A. Hefte (SEAL)
Typed/Printed Name: Carrie A. Hefte
Title: Managing Counsel and Assistant Vice President

State of Minnesota
County of Hennepin

Before me personally appeared Carrie A. Hefte, the above-identified individual who acknowledged that he executed the foregoing assignment in the capacity indicated on behalf of said corporation on the 18th day of February, 2009.



Peggy M. Stojevich
Notary Public in and for
State of Minnesota
My Commission Expires: 01/31/2011

[NOTARY SEAL]

Notary Public
Typed/Printed Name: Peggy M. Stojevich
My commission expires: 01/31/2011

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PATENT
REEL: 056343 FRAME: 0926

Assignee: WELLS FARGO BANK, N.A.

By: [Signature] (SEAL)
Typed/Printed Name: ROBERT J. GLANCE
Title: Sr. Counsel + Officer

State of Minnesota

County of Hennepin

Before me personally appeared Robert Glance, the above-identified individual who acknowledged that he executed the foregoing assignment in the capacity indicated on behalf of said corporation on the 18th day of February, 2009.



[Signature]
Notary Public in and for
State of Minnesota
My Commission Expires: 01/31/2011

SCHEDULE A

U.S. Patents

| Patent No. | Issue Date | Title |
|------------|------------|--|
| 5,517,406 | 05/14/1996 | Method and Apparatus for Data Verification and Position Reporting in an Automated Trade Transactions Processing System |
| 5,778,606 | 07/14/1998 | Modular Bank Station |
| 6,105,011 | 08/15/2000 | Security System and Method for Business Transactions With Customers |
| 7,266,684 | 09/04/2007 | Internet Third-Party Authentication Using Electronic Tickets |
| D408,084 | 04/13/1999 | Modular Bank Station |

U.S. Patent Applications

| Patent Application Serial No. | Filing Date | Title |
|-------------------------------|-------------|--|
| 11/010,581 | 12/13/2004 | Secure Identification Verification System |
| 11/018,806 | 12/21/2004 | Platform Independent Randomness Accumulator for Network Applications |
| 11/022,491 | 12/22/2004 | Public Key Encryption for Groups |
| 11/019,069 | 12/21/2004 | Cryptographic Key Backup and Escrow System |
| 11/487,272 | 07/14/2006 | Method of Securing A Digital Signature |
| 11/022,534 | 12/22/2004 | Authentication System for Networked Computer Applications |
| 11/400,683 | 04/07/2006 | Authentication System for Networked Computer Applications |
| 11/473,665 | 06/23/2006 | Automated Key Management System |

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| 11/276,006 | 02/09/2006 | System and Method for Evaluating the Performance of A Retirement Plan |
| 11/729,443 | 03/29/2007 | System and Method for Rewards Points Transfer |
| 11/895,888 | 08/28/2007 | System and Method for Detection and Prevention of Computer Fraud |
| 12/157,734 | 06/12/2008 | Adaptive Daily Spending Limits |
| 11/821,442 | 06/22/2007 | Internet Third-Party Authentication Using Electronic Tickets |
| 11/974,695 | 10/16/2007 | System and Method for Electronic Funds Payment |
| 12/012,659 | 02/05/2008 | System and Method for Rewards Integration in A Computer System |
| 12/012,757 | 02/05/2008 | System and Method for Rewards Optimization in A Computer System |
| 12/218,755 | 07/17/2008 | Payment Broker System and Method |
| 12/316,967 | 12/18/2008 | Personalized Lifetime Financial Planning Tool |
| 61/197,871 | 10/31/2008 | Predictive Advisor |
| 12/316,930 | 12/18/2008 | Computer Payment Banking System and Method |
| 10/126,013 | 04/19/2002 | Credit Application Status Monitor |
| 61/197,872 | 10/31/2008 | Card On Card Off |
| 12/316,996 | 12/18/2008 | Payment Vehicle With On and Off Function |
| 12/291,435 | 11/10/2008 | Predictive Advisor System and Method for Communicating With A User Regarding A Payment Account in A Computer Network |
| 61/203,840 | 12/29/2008 | Credit Card With Employee Incentive |

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|------------|------------|---|
| 11/900,108 | 09/10/2007 | Investment Vehicles for Separating A Basket of Securities Into A Debt Instrument and an Equity Component |
| 11/706,441 | 02/14/2007 | Cross Trading Securities During Time Windows at the Volume Weighted Average Price |
| 11/900,163 | 09/10/2007 | Cross Trading Securities at A Settlement Price Selected From A Prioritized List of Settlement Pricing Methods |
| 11/936,517 | 11/07/2007 | System and Method for Electronic Implementation of Automated Control Over A Deposit Account Pledged as Security |
| 12/340,035 | 12/19/2008 | Investment Policy Tool |
| 12/353,671 | 01/14/2009 | Cross Trading Securities During Time Windows at the Volume Weighted Average Price |
| 12/353,675 | 01/14/2009 | Cross Trading Securities During Time Windows at the Volume Weighted Average Price |

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