

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3380029

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME
CONVEYING PARTY DATA	
Name	Execution Date
PAUL CALLAWAY	03/19/2015
SEAN CASTETTE	03/20/2015
KIREETI REDDY	03/19/2015
AKIRA YAMAGUCHI	03/24/2015
JOSÉ ANTONIO ACUÑA-ROHTER	03/19/2015
PEARCE PECK-WALDEN	03/19/2015
ZACHARY BONIG	03/19/2015
RECEIVING PARTY DATA	
Name:	CHICAGO MERCANTILE EXCHANGE INC.
Street Address:	20 SOUTH WACKER DRIVE
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14644525
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	312-291-0860
Email:	docket-us@lsk-iplaw.com
Correspondent Name:	LEMPIA SUMMERFIELD KATZ LLC
Address Line 1:	ONE NORTH LASALLE STREET
Address Line 2:	SUITE 2900
Address Line 4:	CHICAGO, ILLINOIS 60602
ATTORNEY DOCKET NUMBER:	4672-14003CUS
NAME OF SUBMITTER:	JAMES L. KATZ
SIGNATURE:	/James L. Katz/
DATE SIGNED:	06/03/2015

PATENT

Total Attachments: 12

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ASSIGNMENT

WHEREAS, Paul Callaway, Sean Castette, Kireeti Reddy, Akira Yamaguchi, José Antonio Acuña-Rohter, Pearce Peck-Walden, and Zachary Bonig, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled IMPROVED MARKET OPERATION THROUGH REGULATION OF INCOMING ORDER MATCH ALLOCATION AND/OR DYNAMIC RESTING ORDER MATCH ALLOCATION PRIORITIES, filed on March 11, 2015 and assigned U.S. Patent Application Serial No. 14/644,525, executed by Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, CHICAGO MERCANTILE EXCHANGE INC., a corporation organized and existing under the laws of the State of Illinois, having a place of business at 20 South Wacker Drive, Chicago, IL 60606, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to

have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:	_____	_____
		Paul Callaway
DATED:	<u>3/20/15</u>	_____
		Sean Castette
DATED:	_____	_____
		Kireeti Reddy
DATED:	<u>3/29/15</u>	_____
		Akira Yamaguchi
DATED:	_____	_____
		José Antonio Acuña-Rohter
DATED:	_____	_____
		Pearce Peck-Walden
DATED:	_____	_____
		Zachary Bonig

STATE OF _____)
) ss.
COUNTY OF _____)

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Paul Callaway, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: _____

STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

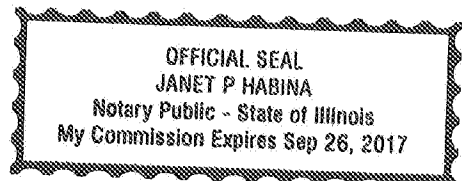
I, JANET P. HABINA, a Notary Public in and for the County and State aforesaid, do hereby certify that Sean Castette, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

20th IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this March day of _____, 2015.

Janet P. Habina

Notary Public

My Commission Expires: 9/26/17



STATE OF)
) ss.
COUNTY OF)

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Kireeti Reddy, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: _____

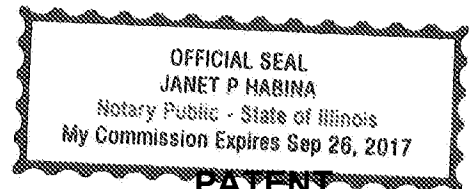
STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

I, JANET P. HABINA, a Notary Public in and for the County and State aforesaid, do hereby certify that Akira Yamaguchi, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 24th day of March, 2015.

Janet P. Habina
Notary Public

My Commission Expires: 9/26/17



STATE OF)
) ss.
COUNTY OF)

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that José Antonio Acuña-Rohter, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: _____

STATE OF)
) ss.
COUNTY OF)

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Pearce Peck-Walden, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: _____

STATE OF)
) ss.
COUNTY OF)

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Zachary Bonig, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: _____

ASSIGNMENT

WHEREAS, Paul Callaway, Sean Castette, Kireeti Reddy, Akira Yamaguchi, José Antonio Acuña-Rohter, Pearce Peck-Walden, and Zachary Bonig, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled IMPROVED MARKET OPERATION THROUGH REGULATION OF INCOMING ORDER MATCH ALLOCATION AND/OR DYNAMIC RESTING ORDER MATCH ALLOCATION PRIORITIES, filed on March 11, 2015 and assigned U.S. Patent Application Serial No. 14/644,525, executed by Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, CHICAGO MERCANTILE EXCHANGE INC., a corporation organized and existing under the laws of the State of Illinois, having a place of business at 20 South Wacker Drive, Chicago, IL 60606, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to

have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.


The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

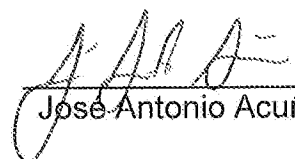
IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: 3/19/2015 
Paul Callaway


DATED: _____
Sean Castette

DATED: 03/19/2015 
Kireeti Reddy

DATED: _____
Akira Yamaguchi

DATED: 03/19/2015 
José Antonio Acuña-Rohter

DATED: 3/19/15 
Pearce Peck-Walden

DATED: 03/19/2015 
Zachary Bonig



STATE OF IL)
COUNTY OF COOK) ss.

I, Elizabeth Roder, a Notary Public in and for the County and State aforesaid, do hereby certify that Paul Callaway, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 19 day of March, 2015.

Elizabeth Roder
Notary Public

My Commission Expires: Dec 7 2015

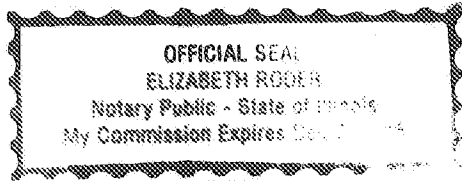
STATE OF)
COUNTY OF) ss.

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Sean Castette, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: _____



STATE OF IL)
COUNTY OF COOK) ss.

I, Elizabeth Roder, a Notary Public in and for the County and State aforesaid, do hereby certify that Kireeti Reddy, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

19 IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of March, 2015.

Elizabeth Roder
Notary Public

My Commission Expires: Dec 7 2015

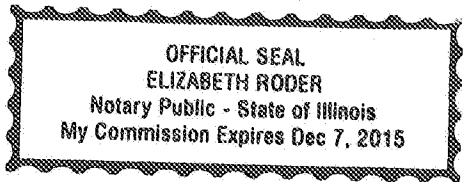
STATE OF _____)
COUNTY OF _____) ss.

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Akira Yamaguchi, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this _____ day of _____, 2015.

Notary Public

My Commission Expires: _____



STATE OF IL)
COUNTY OF COOK) ss.

I, Elizabeth Roder, a Notary Public in and for the County and State aforesaid, do hereby certify that José Antonio Acuña-Rohter, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 19 day of March, 2015.

Elizabeth Roder
Notary Public

My Commission Expires: Dec. 7 2015



STATE OF IL)
COUNTY OF COOK) ss.

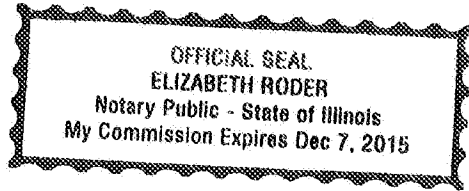
I, Elizabeth Roder, a Notary Public in and for the County and State aforesaid, do hereby certify that Pearce Peck-Walden, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 19 day of March, 2015.

Elizabeth Roder
Notary Public

My Commission Expires: Dec 7 2015

STATE OF IL)
COUNTY OF COOK) ss.



I, Elizabeth Roder, a Notary Public in and for the County and State aforesaid, do hereby certify that Zachary Bonig, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 19 day of March, 2015.

Elizabeth Roder
Notary Public

My Commission Expires: Dec 7 2015