

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6014918

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL A. BAUERSCHMIDT	12/20/2006
ARI L. STUDNITZER	12/20/2006
WILLIAM J. ALBERT (DECEASED) BY HIS LEGAL REPRESENTATIVE, LORI FLEMM	12/28/2006
PAUL J. CALLAWAY	12/21/2006
JAMES W. FARRELL	12/21/2006
A. SHANTHI THIRUTHUVADOSS	12/20/2006
RECEIVING PARTY DATA	
Name:	CHICAGO MERCANTILE EXCHANGE
Street Address:	20 SOUTH WACKER DRIVE
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16818648
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, michelle.marsh@cmegroup.com
Correspondent Name:	LEMPIA SUMMERFIELD KATZ LLC/CME
Address Line 1:	20 SOUTH CLARK STREET
Address Line 2:	SUITE 600
Address Line 4:	CHICAGO, ILLINOIS 60603
ATTORNEY DOCKET NUMBER:	004672-05572C-US
NAME OF SUBMITTER:	JAMES L. KATZ
SIGNATURE:	/James L. Katz/
DATE SIGNED:	03/16/2020

Total Attachments: 8

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Case No. 4672/572ASSIGNMENT

WHEREAS, Paul A. Bauerschmidt, Ari L. Studnitzer, William J. Albert (deceased), Paul J. Callaway, James W. Farrell and A. Shanthi Thiruthuvadoss, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled DETECTION OF INTRA-FIRM MATCHING AND RESPONSE THERETO, for a full description of which reference is here made to an application for Letters Patent of the United States filed on November 17, 2006, and assigned Application Serial No. 11/601,489;

WHEREAS, Chicago Mercantile Exchange, a corporation organized and existing under the laws of the State of Delaware, 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 therefor 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 Assignors 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: 12/20/2006


Paul A. Bauerschmidt

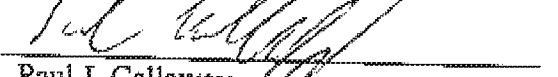
DATED: 12/20/06


Ari L. Studnitzer

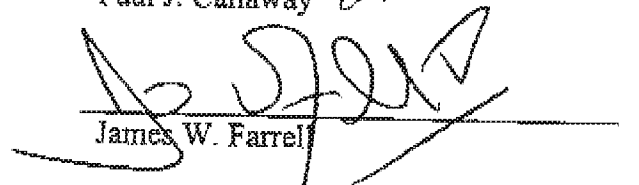
DATED: _____

William J. Albert (deceased) by his
legal representative, Lofi Flemm

DATED: 12/21/06


Paul J. Callaway

DATED: 12/21/06


James W. Farrell

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 Assignors 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 A. Bauerschmidt

DATED: _____ Ari L. Studnitzer

DATED: 12-28-06 _____
Lori Flemm legal representative for William J. Albert (deceased) by his *Albert estate*
legal representative, Lori Flemm

DATED: _____ Paul J. Callaway

DATED: _____ James W. Farrell

DATED:

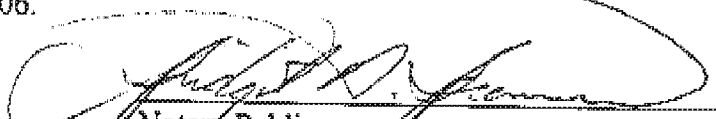
12/20/2006

Shanthi
Shanthi A. Thiruthuvadoss

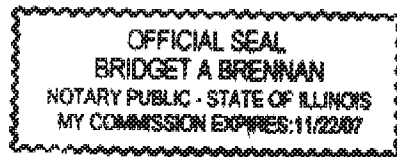
STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

I, BRIDGET A. BRENNAN, a Notary Public in and for the County and State aforesaid, do hereby certify that Paul Andrew Bauerschmidt, 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 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 20 day of Dec, 2006.


Notary Public

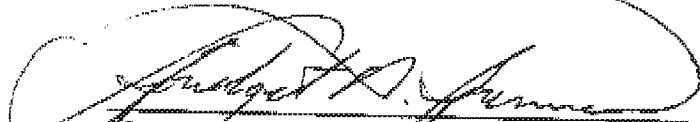
My Commission Expires: 11/22/07



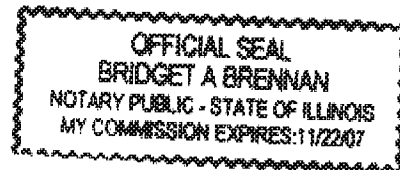
STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

I, BRIDGET A. BRENNAN, a Notary Public in and for the County and State aforesaid, do hereby certify that Ari L. Studnitzer, 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 20 day of Dec, 2006.


Notary Public

My Commission Expires: 11/22/07



STATE OF)
)
COUNTY OF) ss.

I, Ada E. Gillisse, a Notary Public in and for the County and State aforesaid, do hereby certify that Lori Flemm, legal representative of William J. Albert (deceased), 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 28th day of December, 2006.

Ada E. Gillisse
Notary Public

My Commission Expires: 2-19-09



STATE OF)
)
COUNTY OF) ss.
)

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that Lori Flemm, legal representative of William J. Albert (deceased), 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 _____, 2006.


Notary Public

My Commission Expires: _____

STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

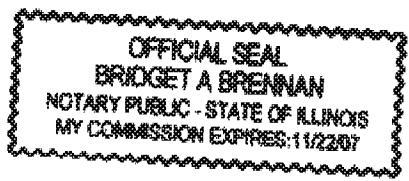
I, BRIDGET A. BRENNAN, a Notary Public in and for the County and State aforesaid, do hereby certify that Paul J. Callaway, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and 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 21 day of Dec, 2006.



Notary Public

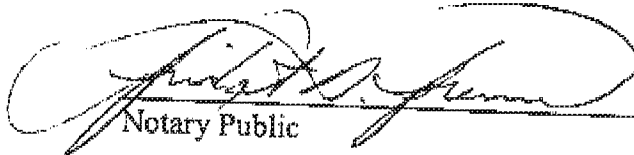
My Commission Expires: 11/22/07



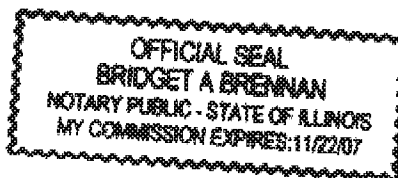
STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

I, BRIDGET A. BRENNAN, a Notary Public in and for the County and State aforesaid, do hereby certify that James W. Farrell, 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 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 21 day of Dec, 2006.


Notary Public

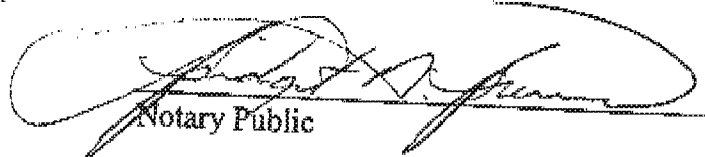
My Commission Expires: 11/22/07



STATE OF ILLINOIS)
) ss.
COUNTY OF COOK)

I, BRIDGET A. BRENNAN, a Notary Public in and for the County and State aforesaid, do hereby certify that A. Shanthi Thiruthuvadoss, 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 20 day of Dec, 2006.


Notary Public

My Commission Expires: 11/22/07

