503111942 12/22/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT3158550

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
BARIS MESTANOGULLARI	12/19/2014
JAMES BRADLEY	12/19/2014
DAN JUDSON	12/19/2014
RICK YANG	12/19/2014

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:	14579078

CORRESPONDENCE DATA

Fax Number:

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: 312-291-0860

Email: docket-us@lsk-iplaw.com

Correspondent Name: LEMPIA SUMMERFIELD KATZ LLC/CME

Address Line 1: ONE NORTH LASALLE STREET

Address Line 2: SUITE 2900

Address Line 4: CHICAGO, ILLINOIS 60602

ATTORNEY DOCKET NUMBER:	4672-14015AUS
NAME OF SUBMITTER:	BRIAN GAUSE
SIGNATURE:	/Brian Gause/
DATE SIGNED:	12/22/2014

Total Attachments: 16

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PATENT 503111942 REEL: 034568 FRAME: 0235

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WHEREAS, Baris Mestanogullari, James Bradley, Dan Judson, and Rick Yang, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled ELECTRONIC MESSAGING MANAGEMENT, 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 Assigner 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.

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DATED:	12/19/14	Baris Mestanoguljari	
DATED:		James Bradley	··········
DATED:		Dan Judson	······
DATED:	-	Rick Yang	•••••

STATE OF KUNDS)
STATE OF ILMUS ; COUNTY OF Gok ; I,
, a Notary Public in and for the County and State aforesaid, do hereby certify that Baris Mestanoguliari, 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. N WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of
My Commission Expires: 9-26-21/1 OFFICIAL SEAL JANET P HABINA Notary Public - State of Illinois My Commission Expires Sep 26, 2017
STATE OF)
OUNTY OF) ss.
I,
Notary Public
My Commission Expires:

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to be the same person whose before me this day in person a the said instrument as his/her set forth.	nar and fre	ereby ne is s ackno e and I have	, a Notary Public in and for the certify that Dan Judson, personally known to me subscribed to the foregoing instrument, appeared wledged that (s)he signed, sealed and delivered voluntary act for the uses and purposes therein e hereunto set my hand and Notarial Seal, this, 2014.
			Notary Public
My Commission Expires:			
STATE OF COUNTY OF)	SS.	
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to be the same person whose before me this day in person a	nar and	ne is s ackno	, a Notary Public in and for the certify that Rick Yang, personally known to me subscribed to the foregoing instrument, appeared wledged that (s)he signed, sealed and delivered voluntary act for the uses and purposes therein
			e hereunto set my hand and Notarial Seal, this _, 2014.
			Notary Public
My Commission Expires:			

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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 petent 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 Palents and Trademarks is hereby authorized and requested to issue palents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:		Baris Mestariogullari	
DATED:	12/12/14	James Bredey	
DATED:		Dan Judson	
DATED:		Rick Yeng	

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		Notary Public		
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		Notary Public		
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to be the same person whose before me this day in person a the said instrument as his/her set forth.	nan Ind fred DF,	ereby one is suacknown acknown	, a Notary Public in and for the sertify that Dan Judson, personally known to me abscribed to the foregoing instrument, appeared vledged that (s)he signed, sealed and delivered voluntary act for the uses and purposes therein hereunto set my hand and Notarial Seal, this _, 2014.
			Notary Public
My Commission Expires:			
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to be the same person whose before me this day in person a	nan Ind	ne is sı acknov	, a Notary Public in and for the certify that Rick Yang, personally known to me ubscribed to the foregoing instrument, appeared vledged that (s)he signed, sealed and delivered voluntary act for the uses and purposes therein
IN WITNESS WHERE(hereunto set my hand and Notarial Seal, this _, 2014.
			Notary Public
My Commission Expires:			

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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 Assigner 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.

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IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:		Baris Mestanogullari	······
DATED:		James Bradley,	
DATED:	12/19/14	Ja L	
DATED:		Dan Judson Rick Yang	

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COUNTY OF)	SS.	
known to me to be the sam instrument, appeared before m sealed and delivered the said and purposes therein set forth.	e pe tl ins DF,	hereby person v his day i trument	, a Notary Public in and for the certify that Baris Mestanogullari, personally whose name is subscribed to the foregoing n person and acknowledged that (s)he signed, as his/her free and voluntary act for the uses hereunto set my hand and Notarial Seal, this 2014.
			Notary Public
My Commission Expires:			
STATE OF COUNTY OF)	SS.	
me to be the same person vappeared before me this day in delivered the said instrument purposes therein set forth.	vho n pe t a DF,	ereby ce ose nam erson an is his/he	, a Notary Public in and for the ertify that James Bradley, personally known to e is subscribed to the foregoing instrument, id acknowledged that (s)he signed, sealed and er free and voluntary act for the uses and thereunto set my hand and Notarial Seal, this 2014.
			Notary Public
My Commission Expires:			

STATE OF MUSECA (Three 15)
COUNTY OF SOME STATE
a Notary Public in and for the County and State aforesaid, do hereby certify that Dan Judson, 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
My Commission Expires: 12/26/2010 Notary Public JAMES P CULHANE Notary Public Notary Public A PONWEALTH OF MASSACHUSETTS My Commission Expires
STATE OF)
COUNTY OF) ss.
County and State aforesaid, do hereby certify that Rick Yang, 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, 2014.
Notary Public
My Commission Expires:

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IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:		
		Baris Mestanogullari
DATED:		
		James Bradley
DATED:		
		Dan Judson
DATED:	12/19/2014	
		Rick Yano

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COUNTY OF)	SS.	
known to me to be the san instrument, appeared before r sealed and delivered the said and purposes therein set forth	ne t ne t I ins I. OF,	hereb person his day strumer	, a Notary Public in and for the by certify that Baris Mestanogullari, personally whose name is subscribed to the foregoing in person and acknowledged that (s)he signed, at as his/her free and voluntary act for the uses hereunto set my hand and Notarial Seal, this _, 2014.
			Notary Public
My Commission Expires:			
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me to be the same person appeared before me this day indelivered the said instrumer purposes therein set forth.	who in po nt a OF,	ose na erson a as his/l	, a Notary Public in and for the certify that James Bradley, personally known to me is subscribed to the foregoing instrument, and acknowledged that (s)he signed, sealed and her free and voluntary act for the uses and e hereunto set my hand and Notarial Seal, this _, 2014.
			Notary Public
My Commission Expires:			

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to be the same person wh before me this day in pers the said instrument as his set forth. IN WITNESS WHE)) ss.) a Notary aid, do hereby certify that Rick Yang, person and acknowledged that (s)he signed sher free and voluntary act for the uses EREOF, I have hereunto set my hand a, 2014.	instrument, appeared , sealed and delivered and purposes therein
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