## 507611737 11/22/2022

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT7658630 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CARRICK PIERCE	09/30/2016
MATTHEW MORANO	09/29/2016
JAMES BRADLEY	10/06/2016

#### **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:	17992071

#### **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:** 3122910860

**Email:** jpadalino@lsk-iplaw.com, docket-us@lsk-iplaw.com

Correspondent Name: LEMPIA SUMMERFIELD KATZ LLC

Address Line 1: 20 SOUTH CLARK STREET

Address Line 2: SUITE 600

Address Line 4: CHICAGO, ILLINOIS 60603

ATTORNEY DOCKET NUMBER: 004672-16010D-US

NAME OF SUBMITTER: MARTA G. GAMBOA

SIGNATURE: /Marta G. Gamboa/

DATE SIGNED: 11/22/2022

**Total Attachments: 12** 

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PATENT 507611737 REEL: 061854 FRAME: 0039

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## **ASSIGNMENT**

WHEREAS, Carrick Pierce, Matthew Morano, and James Bradley, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled CONTEXT BASED MESSAGING, 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 TES	STIMONY WHEREOF, the Assig	gnors have executed this agreement.
DATED:	Sep 30, 2016	Carrick Pierce
DATED:		Matthew Morano
DATED:		James Bradley

STATE OF New State (COUNTY OF New State (County and State afferesaid, do hereby certify that Carrick Pierce, 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 act of the county
My Commission Expires:  Notary Public  BRIDGET SULLIVAN  NOTARY PUBLIC-STATE OF NEW YORK
STATE OF  ) SS. Sty Commission Expires November 04, 2017  COUNTY OF  ) No. 013u6030405  Qualified in New York County  Sty Commission Expires November 04, 2017
I,
Notary Public  My Commission Expires:

STATE OF	· •
COUNTY OF	) SS. )
me to be the same person appeared before me this day in delivered the said instrument purposes therein set forth.	a Notary Public in and for the lo hereby certify that James Bradley, personally known to whose name is subscribed to the foregoing instrument, n person and acknowledged that (s)he signed, sealed and it as his/her free and voluntary act for the uses and DF, I have hereunto set my hand and Notarial Seal, this, 2016.
	Notary Public
My Commission Expires:	• •

## **ASSIGNMENT**

WHEREAS, Carrick Pierce, Matthew Morano, and James Bradley, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled CONTEXT BASED MESSAGING, 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.

DATED:		Carrick Pierce
DATED:	9-29-2016	Matthew Morano  Matthew Morano
DATED:		James Bradley

STATE OF	)
COUNTY OF	) ss. )
me to be the same person w appeared before me this day in delivered the said instrument purposes therein set forth.	, a Notary Public in and for the hereby certify that Carrick Pierce, personally known to nose name is subscribed to the foregoing instrument, person and acknowledged that (s)he signed, sealed and as his/her free and voluntary act for the uses and continuously. I have hereunto set my hand and Notarial Seal, this, 2016.
	Notary Public
My Commission Expires:	
to me to be the same person vappeared before me this day in delivered the said instrument purposes therein set forth.	) ss. )  A Notary Public in and for the hereby certify that Matthew Morano, personally known whose name is subscribed to the foregoing instrument, person and acknowledged that (s)he signed, sealed and as his/her free and voluntary act for the uses and 1. I have hereunto set my hand and Notarial Seal, this 2016.
My Commission Expires: <u>A&amp;v</u>	Notary Public  BRIDGET SULLIVAN  NOTAR CSTATE OF NEW YORK  196030405  Qualified Sew York County  My Commission capabilities (44, 2017)

BRIDGET SULLIVAN
NOTARY PUBLIC-STATE OF NEW YORK
NO. 01SU6030405
Qualified in New York County
My Commission Expires November 64, 2017

STATE OF	<b>)</b>
COUNTY OF	) ss. )
me to be the same person appeared before me this day delivered the said instrume purposes therein set forth.	, a Notary Public in and for the do hereby certify that James Bradley, personally known to whose name is subscribed to the foregoing instrument, in person and acknowledged that (s)he signed, sealed and ent as his/her free and voluntary act for the uses and EOF, I have hereunto set my hand and Notarial Seal, this, 2016.
	Notary Public
Mv Commission Expires:	·

## ASSIGNMENT

WHEREAS, Carrick Pierce, Matthew Morano, and James Bradley, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled CONTEXT BASED MESSAGING, 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:		Carrick Pierce	
DATED:	10/06/2016	June B. L.	

STATE OF	)			
COUNTY OF	)	SS.		
I,County and State aforesaid, do me to be the same person wappeared before me this day in delivered the said instrument purposes therein set forth.  IN WITNESS WHEREO day of	ho pe as F,	ereby cerse name erson and shis/her	is subscribed to the facknowledged that (s)halfree and voluntary accreunto set my hand ar	personally known to foregoing instrument, he signed, sealed and ct for the uses and
			Notary Public	
My Commission Expires:				
STATE OF COUNTY OF	)	SS.		
I,County and State aforesaid, do to me to be the same person appeared before me this day in delivered the said instrument purposes therein set forth.  IN WITNESS WHEREO day of	wh pe a: F,	ose nam rson and s his/her I have he	e is subscribed to the tacknowledged that (s)hackers and voluntary acceptants set my hand are	foregoing instrument, ne signed, sealed and ct for the uses and
			Notary Public	
My Commission Expires:				

STATE OF Colorado ) ss.
County and State aforesaid, do hereby certify that James Bradley, 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 October 2016.
Notary Public  My Commission Expires: 03/18/2020

JOHN DEBENITO
NOTARY PUBLIC
STATE OF COLORADO
NOTARY IO 20164010908
MY COMMISSION EXPIRES MARCH 18, 2020

PATENT REEL: 061854 FRAME: 0052

**RECORDED: 11/22/2022**