PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5198698

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW MILNE	02/15/2008

RECEIVING PARTY DATA

Name:	NEW YORK MERCANTILE EXCHANGE, INC.	
Street Address:	1 NORTH END AVE.	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10282	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14729848

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.

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Correspondent Name: LEMPIA SUMMERFIELD KATZ LLC

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ATTORNEY DOCKET NUMBER:	4672-08034ZUS
NAME OF SUBMITTER:	JAMES L. KATZ
SIGNATURE:	/James L. Katz/
DATE SIGNED:	10/22/2018

Total Attachments: 2

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PATENT 505151931 REEL: 047258 FRAME: 0554

Attorney Docket No.: 14418-021001

ASSIGNMENT

For valuable consideration, I, Andrew Milne, of 28 Bowdoin Street Maplewood, NJ 07040; hereby assign to NEW YORK MERCANTILE EXCHANGE, INC., a corporation of New York, having a place of business at 1 North End Ave., New York, NY 10282, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled <u>SYMBOLIC LANGUAGE FOR</u> TRADE MATCHING, filed February 15, 2008, and assigned U.S. Serial Number 12/032,379, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Attorney Docket No.: 14418-021001

ANDREW MILNE

STATE OF New York COUNTY OF NOW YOLK

On Feldon 15 2008, before me, the undersigned, a notary public for the State of New York, there personally appeared ANDREW MILNE personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

SUELLEN M. GALISH Notary Public, State of New York
No. 31-4819103
Qualified in New York County
Commission Expires

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