PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DMITRIY GLINBERG	06/09/2006
EDWARD GOGOL	06/09/2006
TAE SEOK C. YOO	06/07/2006

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:	16822439

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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Address Line 4: CHICAGO, ILLINOIS 60603

ATTORNEY DOCKET NUMBER:	004672-05870E-US	
NAME OF SUBMITTER:	JAMES L. KATZ	
SIGNATURE:	/James L. Katz/	
DATE SIGNED:	03/18/2020	

Total Attachments: 4

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PATENT 505973252 REEL: 052152 FRAME: 0568

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PATENT REEL: 052152 FRAME: 0569

ASSIGNMENT

WHEREAS, Dmitriy Glinberg, Edward Gogol and Tae Seok C. Yoo, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled HYBRID CROSS-MARGINING, executed by Assignors on the same date as this Assignment;

WHEREAS, Chicago Mercantile Exchange Inc., 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; 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

PATENT REEL: 052152 FRAME: 0570 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: Sehe 9, 2006

June 9, 2006

DATED: June 7, 2006

DATED:

Danitry Glinberg

Edward Gogol

Tae Seok C. Yoo

STATE OF)
COUNTY OF) ss.
I, Bridge A. Monnon a Notary Public in and for the County and State aforesaid, do bereby certify that Dmitriy Glinberg, 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
Motary Public
My Commission Expires: (1/22/07 OFICIAL SEAL BROXET A SEAL NOTARY PUBLE - STATE OF ALBOR NY COMMISSION EXPERIES:
STATE OF)
COUNTY OF) ss.
I, Bundo, a Notary Public in and for the County and State aforesaid, doubereby certify that Edward Gogol, 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
Mula Hama
Notary Public
My Commission Expires: 11/22/07
OFFICIAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL SE

STATE OF)		
COUNTY OF) ss.)		
same person whose name in person and acknowled free and voluntary act for	e is subscribed to the foreg ged that (s)he signed, sealed the uses and purposes the	, a Notary Public in and for the Cocok C. Yoo, personally known to me to be going instrument, appeared before me this led and delivered the said instrument as his erein set forth. hereunto set my hand and Notarial Seal, 2006.	e the s day is/her
My Commission Expires:	11/22/27	Notary Public	***************************************
my Commission Expires:	11/20/		
		OFFICIAL SEAL	

OFFICIAL SEAL
BRIDGET A BREWNAM
NOTARY PUBLIC - STATE OF LLINOIS
MY COMMISSION EXPRES: 142387