

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3597345

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ERIK HELLEREN	11/02/2015
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:	14930165	
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	
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:	4672-15013AUS	
NAME OF SUBMITTER:	JAMES L. KATZ	
SIGNATURE:	/James L. Katz/	
DATE SIGNED:	11/02/2015	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, Erik Hellenen, hereinafter called the "Assignor", has made the invention described in the United States patent application entitled CLUSTERED FAULT TOLERANCE SYSTEMS AND METHODS USING LOAD-BASED FAILOVER, executed by Assignor 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 Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does 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 Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor 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: 11-2-15 Erik Hellenen

STATE OF Illinois)
COUNTY OF Cook) ss.

I, JANET P. HABINA, a Notary Public in and for the County and State aforesaid, do hereby certify that Erik Hellenen, 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.

2nd IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of November, 2015.

Janet P. Habina
Notary Public

My Commission Expires: 9/26/2017

