

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	HITACHI, LTD.	11/19/2003
RECEIVING PARTY DATA		
Name:	Trading Technologies International, Inc.	
Street Address:	222 S. Riverside Plaza, Suite 1100	
City:	Chicago	
State/Country:	ILLINOIS	
Postal Code:	60606	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14254030
CORRESPONDENCE DATA		
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ATTORNEY DOCKET NUMBER:	031106US10	
NAME OF SUBMITTER:	JORI R. FULLER	
SIGNATURE:	/Jori R. Fuller/	
DATE SIGNED:	04/16/2014	
Total Attachments: 4		
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source=03-1106-Z2-CON5_Assignment3_Hitachi_TT#page4.tif		

ASSIGNMENT

Case No.: 369992.106

Serial No.: 09/289,550

Inventors: Richard W. Friesen and Peter C. Hart

Date of Execution of Application: 5/20/99 and 5/25/99

Filing Date: April 9, 1999

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the Hitachi, Ltd. hereby assigns to:

Trading Technologies International, Inc., a corporation of the State of Delaware

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, having U.S. Patent Application No. 09/289,550 entitled:

User Interface for an Electronic Trading System

naming Richard W. Friesen and Peter C. Hart as inventors and identified as:

Case No. 36992.106

in the offices of Squire, Sanders and Dempsey L.L.P. and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned, except for non-exclusive licenses given to Hitachi, Ltd., its current and future subsidiaries, and its pre-existing cross licensees.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient,

and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper.

WITNESS my hand and seal this 19 day of Nov. 2003



Hitachi, Ltd.
Name: Takahito Karasawa
Title: Manager, Intellectual Property Group

State of

County of

The foregoing instrument was acknowledged before me this ____ day of

_____, ____ by

NOTARY PUBLIC

ASSIGNMENT

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Serial No.: 09/289,550

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and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper.

Agreed To: .



Hitachi, Ltd. Yasuo SAKUTA, Patent Attorney
Executive Officer,
Intellectual Property Group
(Authorized Signing Officer)

November 19, 2003

Date: _____