

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ryan J. Highland</td> <td>08/05/2003</td> </tr> <tr> <td>Robert A. West</td> <td>08/05/2003</td> </tr> <tr> <td>Peter E. Ziemkiewicz</td> <td>08/05/2003</td> </tr> </tbody> </table>		Name	Execution Date	Ryan J. Highland	08/05/2003	Robert A. West	08/05/2003	Peter E. Ziemkiewicz	08/05/2003
Name	Execution Date								
Ryan J. Highland	08/05/2003								
Robert A. West	08/05/2003								
Peter E. Ziemkiewicz	08/05/2003								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13459428</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13459428				
Property Type	Number								
Application Number:	13459428								
CORRESPONDENCE DATA									
Fax Number:	(312)913-0002								
Email:	fuller@mbhb.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	McDonnell Boehnen Hulbert & Berghoff LLP								
Address Line 1:	300 South Wacker Drive								
Address Line 4:	Chicago, ILLINOIS 60606								
ATTORNEY DOCKET NUMBER:	03-767-US-CON4								
NAME OF SUBMITTER:	Jori R. Fuller								
Total Attachments: 4 source=03-767-US-CON4_Assignment#page1.tif source=03-767-US-CON4_Assignment#page2.tif source=03-767-US-CON4_Assignment#page3.tif source=03-767-US-CON4_Assignment#page4.tif									

CH \$40.00 13459428

ASSIGNMENT

Case No.: 03-0019  
Inventors: Ryan J. Highland, Robert A. West, and Peter F. Ziemkiewicz  
Date of Execution  
of Application:

Serial No.:  
  
Filing Date:

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 undersigned hereby assign 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, entitled:

**SYSTEM AND METHOD  
FOR PRICE-BASED ANNOTATIONS  
IN AN ELECTRONIC TRADING ENVIRONMENT**

and identified as:

**Case No. 03-0019**

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOF 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.

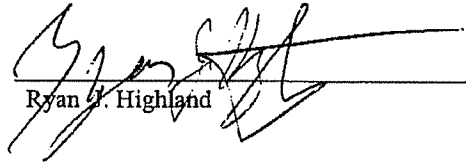
For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating 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 and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely

as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 5<sup>th</sup> day of Aug, 2003.

State of Illinois

County of Cook

  
\_\_\_\_\_  
Ryan G. Highland

The foregoing instrument was acknowledged before me this 5<sup>th</sup> day of  
August, 2003 by Ryan Highland

  
\_\_\_\_\_  
NOTARY PUBLIC

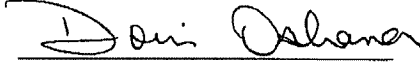


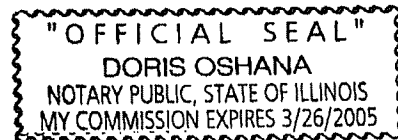
WITNESS my hand and seal this 5 day of August, 03.

  
\_\_\_\_\_  
Robert A. West

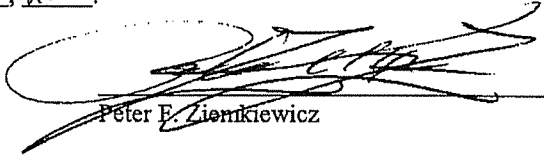
State of Illinois  
County of Cook

The foregoing instrument was acknowledged before me this 5<sup>th</sup> day of  
August, 2003 by Robert West

  
\_\_\_\_\_  
NOTARY PUBLIC



WITNESS my hand and seal this 5<sup>th</sup> day of August, 2003.

  
Peter F. Ziolkiewicz

State of Illinois

County of Cook

The foregoing instrument was acknowledged before me this 5<sup>th</sup> day of August, 2003 by Peter Ziolkiewicz

Doris Oshana  
NOTARY PUBLIC

