*	10-14-2003	Docket No. 03-901	
FORM PTO-1595 REC		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
<u>/0·1·83</u>	102573487	2 ⊥	
To The Honorable Commissioner of Patents and Tradem.	Trong the anathra original departments		
Name of conveying party(ies):     Steven F. Borsand	2. Name and address of receiving	g party(ies)	
	Name: Trading Technologi	es International, Inc.	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ N	Address: 222 S. Riverside	Plaza, Suite 1100	
3. Nature of conveyance:			
	City: Chicago	State: Illinois	
	Country: U.S.A.	Zip: 60606	
☐ Security Agreement ☐ Change of Name	Country. C.S.A.	Zip. 00000	
Other			
Execution Date: 10/1/03	Additional manage (a) Part durant (a)	water 10 E. W. El W.	
4. Application number(s) or patent number(s):	Additional name(s) & address(es) a	ittached? Li Yes Ki No	
If this document is being filed together with a new appl	ation the execution date of the application is:	10/1/03	
A. Patent Application No.(s) Filing Date	B. Patent No.(s)		
Additions	numbers attached? □ Yes ⊠ No		
5. Name and address of party to whom correspondence co	erning		
document should be mailed:	6. Total number of applications a	and patents involved: 1	
Name: Matthew J. Sampson			
Registration No.: 35,999	7. Total Fee (37 CFR 3.41)	\$40.00	
Company Name: McDonnell, Boehnen, Hulbert & Ber	off 🗵 Enclosed		
Street Address: 300 South Wacker Drive – 32 <sup>nd</sup> Floor	☐ Authorized to be charged t	o deposit account	
City: Chicago State: Illinois	8. Deposit account number:		
Country: U.S.A. ZIP: 60606		-2490	
0/08/2003 RHARIS1 00000019 10676641		2150	
3 FC:8021 40.00 0P D	NOT USE THIS SPACE		
9. Statement and signature.  To the best of my knowledge and belief, the foregoing in document.	organisation is true and correct and any attached c	opy is a true copy of the original	
Matthew J. Sampson  Printed Name of Person Signing	Signature Struck	Date: October 1, 2003	
Total number of pages in	uding cover sheet, attachments, and document:	3	
	rded with required cover sheet informati ignment Recordation Services	on to:	
Director of U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450			

PATENT REEL: 014570 FRAME: 0930

## **ASSIGNMENT**

Case No.:

Inventors: Steven F. Borsand

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 DYNAMIC QUANTITY ORDERS IN AN ELECTRONIC TRADING ENVIRONMENT

and identified as:

Case No.

in the offices of McDonnell Boehnen Hulbert & Berghoff 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, 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.

PATENT REEL: 014570 FRAME: 0931

<b>.</b>	
WITNESS my hand and seal this $N$ day of $N$ day of $N$	2005

Steven F. Borsand

State of Illinois

County of Coole

The foregoing instrument was acknowledged before me this 1st day of

October , 2003 by Steven F. Borsand

**RECORDED: 10/01/2003** 

Manth of that

"OFFICIAL SEAL"

MARC H. NOBUHATA

NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 2/18/2007

PATENT REEL: 014570 FRAME: 0932