

Γ	U.S. DEPARTMENT OF COMMEI	RCE
	Patent and Trademark O	ffice

FORM PTO-1595 REC	T U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office				
102	435300				
To The Honorable Commissioner of Patents and Trademarks: Please reco	ord the attached original documents or copy thereof.				
	Name and address of receiving party(ies)				
Gary Allen Kemp II Dan Ebersole 4.29.03	Name: Trading Technologies International, Inc.				
I obert J. Kline	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
Addii nal name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Address: 222 S. Riverside Plaza, Suite 1100				
Additional manners of conveying party(ies) attached: 11 168 12 No					
3. ature of conveyance:					
	City: Chicago State: Illinois				
[] Assignment □ Merger					
[] Security Agreement □ Change of Name	Country: U.S.A. Zip: 60606				
[] Other					
Exect ion Date: 10/29/02; 11/19/02 and 11/18/02	Additional name(s) & address(es) attached? ☐ Yes ☒ No				
4. / pplication number(s) or patent number(s):					
	_ 23 - 7				
I this document is being filed together with a new application, the e	execution date of the application is:				
A. Latent Application No.(s) Filing Date	B. Patent No.(s) Respectively.				
0/204.504	29 CE				
0/284,584 October 31, 2002	S 9 84				
Additional numbers a	B. Patent No.(s) B. Patent No.(s) C. S. C.				
5. I ame and address of party to whom correspondence concerning	0 % 0				
excument should be mailed:	6. Total number of applications and patents involved: 1				
hame: Matthew J. Sampson	S				
The following of the second of					
l egistration No.: 35,999	7. Total Fee (37 CFR 3.41)\$40.00				
(communication of Managari Parkers II the 18 D. 1 C.	☑ Enclosed				
ompany Name: McDonnell, Boehnen, Hulbert & Berghoff	△ Enclosed				
Freet Address: 300 South Wacker Drive – 32 nd Floor	☐ Authorized to be charged to deposit account				
(ity: Chicago State: Illinois	8. Deposit account number:				
Country: U.S.A. ZIP: 60606	13-2490				
DO NOT HE	THUS ON A OF				
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9. Satement and signature. (2) the best of my knowledge and belief the foregoing information is	s true and correct and any attached copy is a true copy of the original				
Grament.	strue and correct and any anached copy is a true copy of the original				
Mula	An most				
Matthew J. Sampson Printed Name of Person Signing S	Date: April 23, 2003				
Triffice Maine of Letson Signing	, ₂				
	er sheet, attachments, and document: 4				
Mail documents to be recorded with required cover sheet information to:					
Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office					
Г.О. В	ox 1450 VA 22313-1450				

PATENT

REEL: 014000 FRAME: 0574

ASSIGNMENT

Case No.: 02-433A Serial No.: 10/284,584

Inventors: Gary Allan Kemp II, Joan Ebersole, Robert J. Kline

Date of Execution

of Application: 10/29/02 and 10/30/02 Filing Date: 10/31/02

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:

A System and Method for Automated Trading

and identified as:

Case No. 02-433A

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, 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.

- 1 -

PATENT REEL: 014000 FRAME: 0575 WITNESS my hand and seal this 29 day of OCT, 2002

Gary Allan Kemp II Illinois State of OFFICIAL SEAL County of Cook DORIS OSHANA The foregoing instrument was acknowledged before me this 29 day of . 2002 by Gary Kenp NOTARY PUBLIC WITNESS my hand and seal this 19 day of Nov., 2002. Joan Elevsok
Joan Ebersole State of Illinois OFFICIAL SEAL" County of Cook DORIS OSHANA NOTARY PUBLIC, STATE OF ILLINOIS The foregoing instrument was acknowledged before me this 197 day of Nov. 2002 by Joan Stoersole **NOTARY PUBLIC** WITNESS my hand and seal this 18 day of November 2003 State of Illinois County of COOK The foregoing instrument was acknowledged before me this 18 day of ,2002 by Robert J. Klim **NOTARY PUBLIC** OFFICIAL - 2 -

00 SOUTH WACKER DRIVE

Docket No. MBHB 02-433-A

r (K		FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office				
	PATE	NTS ONLY				
Tic 7	The Honorable Commissioner of Patents and Trademarks: Please reco	ord the attached original documents or copy thereof.				
1.	Name of conveying party(ies):	Name and address of receiving party(ies)				
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	Joan Ebersole	Name: Trading Technologies International, Inc.				
	Robert J. Kline					
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	Name: Matthew J. Sampson					
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	City: Chicago State: Illinois	8. Deposit account number:				
	Country: U.S.A. ZIP: 60606	13-2490				
	DO NOT US	SE THIS SPACE				
9.	Statement and signature. To the best of my knowledge and belief, the foregoing information document.	is true and correct and any attached copy is a true copy of the original				
	Matthew J. Sampson	Date: April 23, 2003				
		Sighatur				
	Total number of pages including cover sheet, attachments, and document: 4					
		th required cover sheet information to:				
	Mail Stop Assignment Recordation Services					
	Director of the US Patent and Trademark Office					
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l	Alexandria VA 22212 1450					

RECORDED: 04/29/2003

PATENT REEL: 014000 FRAME: 0577