03-06-2003



SHEET

102382224 Commissioner for Patents: Please record the attached original document(s) or copy(ies). Name and address of receiving party(ies): 1. Name of conveying party(ies): The Nasdag Stock Market, Inc. Yek Kwong Eng, Michael Edleson, Daniel F. 1801 K Street N.W. Moore, John T. Hughes, Jr. and Christopher Washington, DC 20006 Folkemer Additional name(s) attached? ☐ Yes 図 No 3. Nature of conveyance: 3-5-07 Assignment □ Merger □ Security Agreement □ Change of Name ☐ Other: Additional names/addresses attached? ☐ Yes 図 No Execution Date: Eng - 02/13/2003; Edleson -02/13/2003; Moore - 02/13/2003; Hughes -02/13/2003; Folkemer - 02/24/2003 4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: B: Patent No(s).: A. Patent Application No(s).: 10/267,018 Additional numbers attached? ☐ Yes 図 No 5. Name/address of party to whom correspondence concerning 6. Total number of applications/patents involved: 1 document should be mailed: 7. Total fee (37 CFR §3.41): \$40 DENIS G. MALONEY Fish & Richardson P.C. ☐ Authorized to charge Deposit Account. 225 Franklin Street Boston, Massachusetts 02110-2804 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050. DO NOT USE THIS SPACE 9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Jeffrey J. Barclay Feb. 28, 2003 Reg. No. 48,950 Name of Person Signing 03/06/2003 LMUELLER 00000068 10267018 Total number of pages including coversheet, attachments and document: 7 40.00 DP 01 FC:8021

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

February 28, 2003
Date of Deposit

20577421.doc

Darlens J. Morin Signature

Darlene J. Morin

'vped Name of Person Signing Certificate

ASSIGNMENT

For valuable consideration, we, YEK KWONG ENG of 87 Union Ave., New Providence, NJ 07974, MICHAEL EDLESON of 8061 Prichards Court, Dunn Loring, VA 22027, DANIEL F. MOORE of 58 Sea Street, New Haven, CT 06519, JOHN T. HUGHES, JR. of 125 Warner Hill Road, Unit 44, Stratford, CT 06614, and CHRISTOPHER FOLKEMER of 5651 Thelo Garth, Columbia, MD 21045, hereby assign to: The Nasdaq Stock Market, Inc., a corporation of Delaware having a place of business at: 1801 K Street N.W., Washington, DC 20006; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled ORDER PRICE THRESHOLD FOR AUTOMATED MARKET SYSTEM, filed October 8, 2002, and assigned U.S. Serial Number 10/267,018, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Page 1 of 6

LILLIAN CALCATERRA
NOTARY PUBLIC, State of New York
No. 01CA4971871
Qualified in Kings County
Cert. Filed in New York County
Commission Expires Sept. 10, 20

IN WITNESS WHEREOF, I hereto set my hand and seal at DPE CIBERTY PLAZA
this 13 day of February, 2003 L.S. YEK KWONG ENG
Le Blung E L.S.
YEK KWONG ENG
State of NY :
: ss.
County of :
Before me this 13 day of February, 2006, personally
appeared YEK KWONG ENG known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.
Liller Celeateu Notary Public My Commission Expires: 9/10/06

Page 2 of 6

IN WITNESS WHEREOF, I hereto set my hand and seal at	1 LIBERTY PLAZA, NY	(
this 13 d day of Feb 2003		
	L.S	3 .
MICHABL EDLESON		
State of :		
: ss. : county of :		
County of :		
40	,	
Before me this $\frac{12}{2}$ day of $\frac{1}{2}$	20 00 6 personally	
appeared MICHAEL EDLESON known to me to be the person who		
foregoing Assignment and acknowledged that he executed the same	as his free act and deed for	
the purposes therein contained.		
	lesteer	_
My Commission Expires:		
[Notary's Seal Here]	LILLIAN CALCATERTA NOTARY PUBLIC, State Cond No. 01CA4971876 Qualified in Kings Count Cert. Filed in New York Col Commission Expires Sept. 10,	::::York :y unty::

Page 3 of 6

	Attorney Docket No: 09857-130001/
IN WITNESS WHEREOF, I hereto set n	ly hand and seal at <u>lightly</u> ,
this 13 day of february	, 20 <u>3</u>
_ lh/ r Mun	L.S.
DANIEL F. MOORE	
State of Countres!	
County of <u>Formal</u> :	
	Jebruary, 20 03, personally
appeared DANIEL F. MOORE known to m	e to be the person whose name is subscribed to the
foregoing Assignment and acknowledged th	at he executed the same as his free act and deed for
the purposes therein contained.	
$\overline{f N}$	Chery Jonardh otary Public
[y Commission Expires: 7)31)05
[Notary's Seal Here]	7 21100
[140km y 3 Seat Here]	

Page 4 of 6

Attorney Docket No: 09857-130001/
IN WITNESS WHEREOF, I hereto set my hand and seal at
State of Connections.
: ss. County of Janfield:
Before me this 13 day of Jebruary 20 03 personally
appeared JOHN T. HUGHES, JR. known to me to be the person whose name is subscribed to
the foregoing Assignment and acknowledged that he executed the same as his free act and deed
for the purposes therein contained.
Cheryl Tomarelli Notary Public
Notary Public 💍
My Commission Expires: り)3i)05
[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Suntwit bink	
this 2 th day of Feb , 2003	
My a peler	L.S.
CHRISTOPHER FOLKEMER	
State of Manyland: : ss. County of Montgomery	

24thday of February, 20 03 Before me this appeared CHRISTOPHER FOLKEMER known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

My Commission Expires:

NOTARY PUBLIC STATE OF MARYLAND My Commission Expires Sepiember 16, 2006

[Notary's Seal Here]

RECORDED: 03/05/2003

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