

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6938138

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE'S NAME AND ADDRESS ON THE COVER SHEET previously recorded on Reel 050283 Frame 0295. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
EDWARD R. HOWORKA	11/01/2005
RECEIVING PARTY DATA	
Name:	EBS GROUP LIMITED
Street Address:	4TH FLOOR, LONDON STOCK EXCHANGE
Internal Address:	10 PATERNOSTER SQUARE
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	EC4M 7LS
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	8335737
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	3122910860
Email:	jpadalino@lsk-iplaw.com
Correspondent Name:	LEMPIA SUMMERFIELD KATZ LLC
Address Line 1:	20 SOUTH CLARK STREET
Address Line 2:	SUITE 600
Address Line 4:	CHICAGO, ILLINOIS 60603
ATTORNEY DOCKET NUMBER:	004672-04561X-US
NAME OF SUBMITTER:	JAMES L. KATZ
SIGNATURE:	/James L. Katz/
DATE SIGNED:	09/27/2021
Total Attachments: 7	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5703642

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EDWARD R. HOWORKA	11/01/2005
RECEIVING PARTY DATA	
Name:	NEX GROUP PLC <u>EBS GROUP LIMITED</u>
Street Address:	2 BROADGATE <u>4TH FLOOR, LONDON STOCK EXCHANGE, 10 PATERNOSTER SQUARE</u>
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	EC2M 7UR <u>EC4M 7LS</u>
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12774878
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	michelle.marsh@cmegroup.com, jpadalino@lsk-iplaw.com
Correspondent Name:	LEMPIA SUMMERFIELD KATZ LLC
Address Line 1:	20 S. CLARK STREET, SUITE 600
Address Line 4:	CHICAGO, ILLINOIS 60603
ATTORNEY DOCKET NUMBER:	004672-04561X-US
NAME OF SUBMITTER:	JAMES L. KATZ
SIGNATURE:	/JAMES L. KATZ/
DATE SIGNED:	09/05/2019
Total Attachments: 6	
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WHEREAS, I, Edward R. Howorka, as assignor, has invented certain improvements in **Price Improvement In Electronic Trading System** or which an application for United States Letters Patent has been executed by us of even date herewith; and

WHEREAS, EBS Group Limited, 4th Floor, London Stock Exchange, 10 Paternoster Square, London, EC4M 7LS, United Kingdom, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, as assignor, hereby sells, assigns and sets over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: Nov. 1, 2005



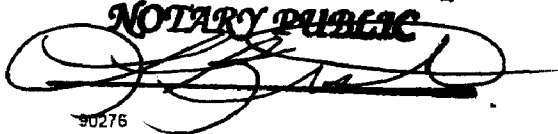
Edward R. Howorka

LEGALIZATION RECOMMENDED

Sworn to and subscribed

before me
this 1st day of November, 2005

by: LINDA KRSTEVSKI
NOTARY PUBLIC



90276

LINDA KRSTEVSKI
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMM. EXP. 7-10-08