PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5980155

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL MEROLD	12/06/2013
JOHN EDWARD SCHOEN	01/20/2014

RECEIVING PARTY DATA

Name:	ICAP SERVICES NORTH AMERICA LLC	
Street Address:	HARBORSIDE FINANCIAL CENTER	
Internal Address:	1100 PLAZA FIVE	
City:	JERSEY CITY	
State/Country:	NEW JERSEY	
Postal Code:	10019	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16799143

CORRESPONDENCE DATA

Fax Number:

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.

3122910860 Phone:

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Correspondent Name: LEMPIA SUMMERFIELD KATZ LLC/CME

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Address Line 4: CHICAGO, ILLINOIS 60603

ATTORNEY DOCKET NUMBER:	004672-19018B-US	
NAME OF SUBMITTER:	JAMES L. KATZ	
SIGNATURE:	/James L. Katz/	
DATE SIGNED:	02/25/2020	

Total Attachments: 2

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> **PATENT REEL: 051917 FRAME: 0073**

505933437

ASSIGNMENT - PREVIOUSLY FILED APPLICATION

Application Number: 61/875,263

Title of Invention: METHOD AND APPARATUS FOR ORDER ENTRY IN AN ELECTRONIC TRADING

SYSTEM

Application Filing Date: September 9, 2013

WHEREAS, I Michael Merold ("Assignor) residing at 14 Wallkill Road, Sparta, New Jersey 07871 have invented or co-invented certain new and useful inventions (the "Inventions") described in the above identified patent application ("Pending Application"); and

WHEREAS, ICAP Services North America LLC ("Assignee"), having a place of business at Harborside Financial Center, 1100 Plaza Five, Jersey City, New Jersey 07311 is desirous of acquiring all rights, title and interests in and to the Inventions and any patent rights that may be granted therefor anywhere in the world.

NOW, THEREFORE, in consideration of Ten dollars (\$10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor:

- 1. Sells, assigns, transfers to Assignee all of my right, title and interest in and to the Inventiona in the United States, its territories and all foreign countries. Without limitation, this includes all of my right, title and interest in and to the Pending Application as well as any other application applied for or granted in the U.S. or any foreign country which claims priority to the Pending Application (the Pending Application and all such other applications will be referred to below as the "Applications"), as well all rights for past infringement of any such Applications or patents granted thereon. I further agree to execute all papers reasonably requested by Assignee, its successors and assigns to effectuate such the transfer of such right, title and interest to Assignee, its successors and assigns.
- 2. Authorizes and requests the Patent Office officials in the United States and its territories, any and all foreign countries, to issue any and all patents ("Patents") granted on the Inventions and such Applications to Assignce as the assignee of my entire right, title and interest in and to such Patents.
- 3. Agrees, without further remuneration to communicate to Assignee or its representatives any facts known to me respecting the Inventions and to do generally everything necessary to assist Assignee, its successors, assigns and nominees to obtain patent protection for the Inventions in the United States and all other countries. Without limitation, this includes agreeing to testify in any legal proceeding (including without limitation all proceedings before the courts and patent offices world-wide), relating to the Inventions. In the event that Assignee, its successors and assigns asks Assignor to testify at such a legal proceeding, Assignee, its successors and assigns shall reimburse Assignor for reasonable out of pocket expenses incurred in connection with travelling to and attending the proceeding at which such testimony is given.

4. Agrees to sign all lawful papers relating to such Applications, including, without limitation, any oaths, declarations and other documents necessary or desirable to assist Assignee, its successor and assigns to file such Applications and obtain such Patents.

Date: <u>Vecenher 6,</u>2013

Michael Merold

DOCSNY-551393v3

ASSIGNMENT - PREVIOUSLY FILED APPLICATION

Application Number: 61/875,263

Title of Invention: METHOD AND APPARATUS FOR ORDER ENTRY IN AN ELECTRONIC TRADING

SYSTEM

Application Filing Date: September 9, 2013

WHEREAS, I John Edward Schoen ("Assignor) residing at 14 Cranmer Court, Whiteheads Grove, London, SW3 3HN, United Kingdom have invented or co-invented certain new and useful inventions (the "Inventions") described in the above identified patent application ("Pending Application"); and

WHEREAS, ICAP Services North America LLC ("Assignee"), having a place of business at Harborside Financial Center, 1100 Plaza Five, Jersey City, New Jersey 07311 is desirous of acquiring all rights, title and interests in and to the Inventions and any patent rights that may be granted therefor anywhere in the world.

NOW, THEREFORE, in consideration of Ten dollars (\$10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor:

- 1. Sells, assigns, transfers to Assignee all of my right, title and interest in and to the Inventions in the United States, its territories and all foreign countries. Without limitation, this includes all of my right, title and interest in and to the Pending Application as well as any other application applied for or granted in the U.S. or any foreign country which claims priority to the Pending Application (the Pending Application and all such other applications will be referred to below as the "Applications"), as well all rights for past infringement of any such Applications or patents granted thereon. I further agree to execute all papers reasonably requested by Assignee, its successors and assigns to effectuate such the transfer of such right, title and interest to Assignee, its successors and assigns.
- 2. Authorizes and requests the Patent office officials in the United States and its territories, any and all foreign countries, to issue any and all patents ("Patents") granted on the inventions and such Applications to Assignee as the assignee of my entire right, title and interest in and to such Patents.
- 3. Agrees, without further remuneration to communicate to Assignee or its representatives any facts known to me respecting the Inventions and to do generally everything necessary to assist Assignee, its successors, assigns and nominees to obtain patent protection for the Inventions in the United States and all other countries. Without limitation, this includes agreeing to testify in any legal proceeding (including without limitation all proceedings before the courts and patent offices world-wide), relating to the Inventions. In the event that Assignee, its successors and assigns asks Assignor to testify at such a legal proceeding, Assignee, its successors and assigns shall reimburse Assignor for reasonable out of pocket expenses incurred in connection with travelling to and attending the proceeding at which such testimony is given.
- 4. Agrees to sign all lawful papers relating to such Applications, including, without limitation, any oaths, declarations and other documents necessary or desirable to assist Assignee, its successor and assigns to file such Applications and obtain such Patents.

_{late}: 20/11/

John Edward Schoen

DOCSNY-551397v1

PATENT REEL: 051917 FRAME: 0075

RECORDED: 02/25/2020