PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT JAMES FULLER	11/03/2009
STEVEN JOHN KATESMARK	11/03/2009
CHRISTOPHER ROY HARRISON	11/03/2009

RECEIVING PARTY DATA

Name:	LIFFE ADMINISTRATION AND MANAGEMENT
Street Address:	CANNON BRIDGE HOUSE, 1 COUSIN LANE
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	EC4R 3XX

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16506536

CORRESPONDENCE DATA

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Email:pto.phil@us.dlapiper.comCorrespondent Name:RICHARD L. CRUZAddress Line 1:ONE LIBERTY PLACE

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Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER: LFF-14-1076DIV-CON2-CON

NAME OF SUBMITTER: RICHARD L. CRUZ

SIGNATURE: /RLC/

DATE SIGNED: 03/17/2021

Total Attachments: 2

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PATENT 506558336 REEL: 055616 FRAME: 0766

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to LIFFE Administration and Management a British corporation, having a place of business at Cannon Bridge House, 1 Cousin Lane, London EC4R 3XX, United Kingdom ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):
 - Application No. _____, entitled "Controlling Price Cascade Movements in an Electronic Trading System," filed on November 3, 2009.
- 2. The entire worldwide right, title, and interest in and to:
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;
 (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not

Attorney Docket No: 26972-15729 1 of 2

26972/15729/DOCS/2138464,1

PATENT REEL: 055616 FRAME: 0767

Title:	Controlling Price Cascade Movements in an Electronic Trading	
	System	
Filed:	Even date herewith	
Application No.:		

hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature	Date of Signature	
agrippy	3. 20 ,20	09
Robert James Fuller		
Name and Signature	Date of Signature	
Mult	3/11 ,20	09
Steven John Katesmark	7	
Name and Signature	Date of Signature	
Chrsyan_	3111109 ,20	09
Christopher Roy Harrison		

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RECORDED: 03/17/2021