PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------|----------------|
| Thomas Rubio | 11/02/2009 |

RECEIVING PARTY DATA

| Name: | Breakwater Trading, LLC |
|-------------------|-------------------------|
| Street Address: | 311 S. Wacker Drive |
| Internal Address: | 48th Floor |
| City: | Chicago |
| State/Country: | ILLINOIS |
| Postal Code: | 60606 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12611248 |

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Jordan Herzog

Total Attachments: 2

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> PATENT REEL: 023467 FRAME: 0165

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ASSIGNMENT

Attorney Docket No. 5257-002

PATZIK, FRANK & SAMOTNY LTD.

150 South Wacker Drive Suite 1500 Chicago, IL 60606 (312) 551-8300

FOR VALUE RECEIVED, the sufficiency and receipt of which is hereby acknowledged, the following inventor (hereinafter individually referred to as "ASSIGNOR")

Thomas Rubio, residing at 2300 Tennyson Lane, Highland Park, IL 60035

hereby assigns, transfers and sets over to:

Breakwater Trading, LLC 311 S. Wacker Drive, 48th Floor Chicago, IL 60606, USA

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as

SYSTEM, METHOD AND APPARATUS FOR CREATING AND EXECUTING INTER-EXCHANGE SPREAD INSTRUMENTS

which is fully described in a U.S. patent application executed by ASSIGNOR this day;

and all rights and privileges under any Patent which may be granted from said U.S. patent applications and any subsequent patent applications directed to said invention, including all right, if any, throughout the entire world to sue for all past infringements which may have occurred before the execution of this assignment.

- (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasilegal proceedings relating to this application or any additional, continuing, or divisional applications thereof, (iii) all papers and documents which may be necessary in connection with the preparation and filing of any foreign applications or with making claims to priority rights granted under the provisions of the International Convention for Protection of Industrial Property or similar agreements; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention in any country throughout the world.
- (2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and the appropriate officials in any other country, to issue and all Patents that may be granted upon any patent application or any additional, continuing or divisional applications thereof to ASSIGNEE, its successors and assigns.

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- (3) ASSIGNOR hereby covenants and warrants that ASSIGNOR has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.
- (4) ASSIGNOR hereby grants to the law firm of PATZIK, FRANK & SAMOTNY LTD. of Chicago, Illinois, authority and power to insert on this instrument and further identification which may be necessary or desirable for purposes of recordation in the United States Patent Office or the Patent Office of any foreign country.

ASSIGNOR

Date: 11/2, ,2009

RECORDED: 11/04/2009

Name of inventor:

Thomas Rubio