#### 505225940 12/07/2018

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NICHOLAS KONTOS	06/12/2008
SAGY P. MINTZ	06/05/2008
ALEXANDER D. DEITZ	06/09/2008

#### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16213528

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ATTORNEY DOCKET NUMBER:	080623US04
NAME OF SUBMITTER:	JOSEPH W. FLERLAGE
SIGNATURE:	/Joseph W. Flerlage/
DATE SIGNED:	12/07/2018

### **Total Attachments: 3**

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> **PATENT REEL: 047710 FRAME: 0516** 505225940

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PATENT REEL: 047710 FRAME: 0517

#### ASSIGNMENT

Case No.:

Inventors: Nicholas G. Kontos, Sagy P. Mintz, Alexander D. Deitz

Serial No.12/128,382

Date of Execution of Application:

Filing Date: 5/28/08

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

#### TRADING TECHNOLOGIES INTERNATIONAL, INC.

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

# SYSTEM AND METHOD FOR AGRESSIVELY TRADING A STRATEGY IN AN ELECTRONIC TRADING ENVIRONMENT

and identified as:

Case No. 08-623

in the offices of McDonnell Boehnen Hulbert & Berghoff LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said

Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this $\frac{2}{2}$ day of $\frac{MA\gamma}{2008}$ .
Alanh
Nicholas/G. Kontos
State of Illenois
County of Cook
The foregoing instrument was acknowledged before me this 2 day of
May, 2008 by Richalas G. Kontos
"OFFICIAL SEAL" NOTARY PUBLIC  NOTARY PUBLIC  NOTARY PUBLIC  NOTARY PUBLIC  NOTARY PUBLIC
WITNESS my hand and seal this 20 day of MAY, 2008.  Sagy P. Mintz
State of
County of
The foregoing instrument was acknowledged before me this day of
May, 2008 by Sagger. Mintz Man H. Mobilat
MARC H. NOBUHATA NOTARY PUBLIC NOTARY PUBLIC NOTARY PUBLIC NOTARY PUBLIC NOTARY PUBLIC

WITNESS my hand and seal this 27 th day of May, 2008
Alexander D. Deitz
State of My Move
County of  The foregoing instrument was acknowledged before me this 21 day of May, 2008 by
Pas Wats flat NOTARY PUBLIC

BASMATIE MOTEE

NOTARY PUBLIC, STATE OF NEW YORK

QUALIFIED IN QUEENS COUNTY

NO. 01MO6136418

MY COMMISSION EXPIRES 11-07-2009

PATENT REEL: 047710 FRAME: 0520

**RECORDED: 12/07/2018**