

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CLAUDIU VINTE	04/01/2006
RECEIVING PARTY DATA	
Name:	Goldman, Sachs & Co.
Street Address:	200 West Street
City:	New York
State/Country:	NEW YORK
Postal Code:	10282
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13591878
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ATTORNEY DOCKET NUMBER:	081786-8308.US01
NAME OF SUBMITTER:	AZLEND A AHMAD
Signature:	/Azlenda Ahmad/
Date:	11/07/2013
Total Attachments: 2 source=Assignment from Parent_81786-8308.US01#page1.tif source=Assignment from Parent_81786-8308.US01#page2.tif	

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## ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an Assignment of the following rights, title and interest: *(check all that apply)*

United States of America rights, title and interest in the invention

Foreign rights, title and interest in the invention

United States Patent Application No.: 11/394,854

Date of Execution:                      Date of Filing: March 30, 2006

United States Provisional Patent Application Serial No. 60/667,474

United States Patent No(s).

International (PCT) Patent Application Serial No.

Other *(specify)*:

TITLE OF THE INVENTION:

**METHODS AND APPARATUS FOR OPTIMIZING THE DISTRIBUTION  
OF TRADING EXECUTIONS**

### **Inventor** *(assignor)*

Name

Address

**Claudiu Vinte**

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### **Assignee**

Name

Address

**Goldman Sachs & Co.**

85 Broad Street, 11th Floor, New York, NY US 10004

Whereas, I, the above-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

Attorney Docket No.: G08.120/U

And, whereas I desire to assign my above-identified rights, title and interest in the Invention to Goldman Sachs & Co., 85 Broad Street, 11th Floor, New York, NY US 10004;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

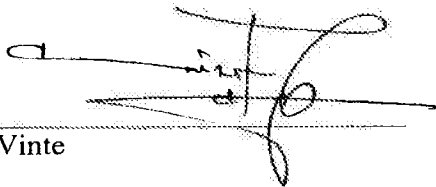
And I further authorize and request that my attorney, Kurt M. Maschoff, of Buckley, Maschoff & Talwalkar, LLC, insert the filing date and application number of the above-referenced patent application when known;

And I further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventor's Signature

Apr. 1st, 2006

\_\_\_\_\_  
Date



\_\_\_\_\_  
Claudiu Vinte