

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3158186

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IPH LLC	01/07/2014
RECEIVING PARTY DATA	
Name:	KCG IP HOLDINGS LLC
Street Address:	131 SOUTH DEARBORN
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60603
PROPERTY NUMBERS Total: 3	
Property Type	Number
Patent Number:	7222089
Patent Number:	6938003
Patent Number:	6317728
CORRESPONDENCE DATA	
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<i>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.</i>	
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Address Line 4:	CHICAGO, TEXAS 60603
ATTORNEY DOCKET NUMBER:	17490-31070-84300
NAME OF SUBMITTER:	TIMOTHY M. SWAN
SIGNATURE:	/Timothy M. Swan/
DATE SIGNED:	12/22/2014
Total Attachments: 3	
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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (“Assignment”) is made and entered into as of this 1st day of January, 2014, (“Effective Date”), by and between IPH LLC, a Delaware limited liability company, (“Assignor”), and KCG IP Holdings LLC, a Delaware limited liability company, (“Assignee”).

WHEREAS, Assignor is the sole and exclusive owner of the entire right, title and interest in, to and under those United States patents identified and set forth on Schedules A (the “Patents”); and

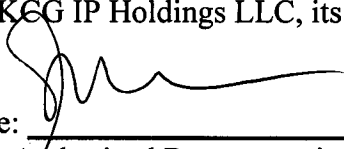
WHEREAS, Assignor is a wholly-owned subsidiary of Assignee; and

WHEREAS, Assignee wishes to obtain and Assignor wishes to assign all right, title and interest in and to the Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, the entire right, title and interest in and to the Patents, for the United States and for all foreign countries, including any continuations, divisions, continuations-in-part, reissues, reexaminations, extensions or foreign equivalents thereof, and including the subject matter of all claims which may be obtained therefrom for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; together with all income, royalties, damages or payments due or payable as of the Effective Date or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives.

IN TESTIMONY WHEREOF, the Assignor and Assignee have caused this Assignment to be signed and executed by the undersigned officers thereunto duly authorized this 7th day of January, 2014.

IPH LLC
By: KCG IP Holdings LLC, its Sole Member


Name: _____
Title: Authorized Representative

KCG IP HOLDINGS LLC
By: Citadel Group Holdings LP, its Sole Member
By: Citadel GP LLC, its General Partners

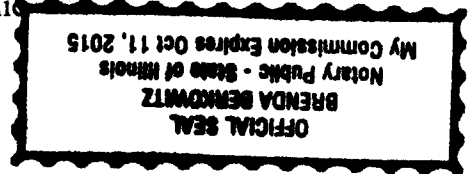

Name: _____
Title: Authorized Signatory

STATE OF ILLINOIS)
) SS.
COUNTY OF COOK)

On this 7th day January, 2014, there appeared before me Gerald Beason, personally known to me, who acknowledged that he signed the foregoing Assignment as his voluntary act and deed on behalf and with full authority of IPH LLC.

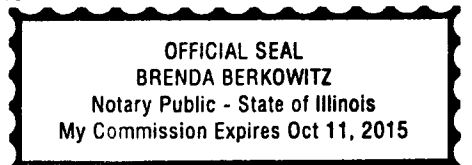

Notary Public

STATE OF ILLINOIS)
) SS.
COUNTY OF COOK)



On this 7th day January, 2014, there appeared before me Adam Cooper, personally known to me, who acknowledged that he signed the foregoing Assignment as his voluntary act and deed on behalf and with full authority of KCG IP Holdings LLC.


Notary Public



SCHEDULE A

U.S. PATENTS

Patent Number	Title	Inventor
US 7,222,089	Intermediary Driven Electronic Marketplace for Cross-Market Trading	Harpale, Mahesh (Lincoln Park, NJ)
US 6,938,003	Method and Apparatus for Credibility Reporting System to Augment an Online Exchange	Harpale, Mahesh (Lincoln Park, NJ)
US 6,317,728	Securities and Commodities Trading System	Kane, Richard L (Boca Raton, FL)