

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7471081

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALAN F. MCKENZIE	07/13/2015
MARK SNYDER	05/06/2015
HARSHA BHAT	01/27/2016
RECEIVING PARTY DATA	
Name:	STATE STREET BANK AND TRUST COMPANY
Street Address:	20 CHURCHILL PLACE
Internal Address:	CANARY WHARF
City:	LONDON
State/Country:	UNITED KINGDOM
Postal Code:	E14 5HJ
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	17333414
Application Number:	16131082
CORRESPONDENCE DATA	
Fax Number:	(617)801-8769
<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>	
Phone:	6175708208
Email:	us-patentbos@goodwinlaw.com, ehysesani@goodwinlaw.com
Correspondent Name:	GOODWIN PROCTER LLP
Address Line 1:	100 NORTHERN AVENUE
Address Line 2:	IP DOCKETING DEPT/7TH FLOOR
Address Line 4:	BOSTON, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	STS-2200USC1;STS-2200USC2
NAME OF SUBMITTER:	EMA HYESANI
SIGNATURE:	/Ema Hysesani/
DATE SIGNED:	08/05/2022
Total Attachments: 6	

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PATENT APPLICATION

Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, co-inventors:

ALAN F. McKENZIE

MARK SNYDER

HARSHA BHAT

Who have created a certain invention for which an application for United States Letters Patent entitled **"TECHNIQUES FOR AUTOMATED CALL CROSS TRADE IMBALANCE EXECUTION"**, was filed at the U.S. Patent and Trademark Office on **March 20, 2015** and assigned U.S. Patent Application Serial No. **14/664,732**.

Do hereby sell, assign and transfer to **State Street Bank and Trust Company** a corporation having a place of business at **20 Churchill Place, Canary Wharf, London E14 5HJ, England**, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all provisionals, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **State Street Bank and Trust Company**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has

Assignment for 14/664,732
Attorney Docket No. 7404522001

been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

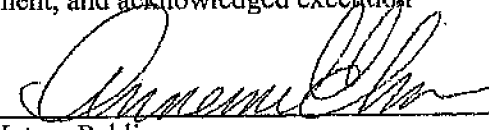
IN THE TESTIMONY WHEREOF we have hereunto set our signatures on the date indicated below.


ALAN F. MCKENZIE

Date: 13th July 2015.

United States of America)
State of MASSACHUSETTS) ss.:
County of SUFFOLK)

On this 13th day of July, 2015, before me
personally came ALAN F. MCKENZIE, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.


Notary Public



ANNEMARIE E. INMAN
Notary Public
Commonwealth of Massachusetts
My Commission Expires
December 15, 2017


IN THE TESTIMONY WHEREOF we have hereunto set our signatures on the date indicated below.:

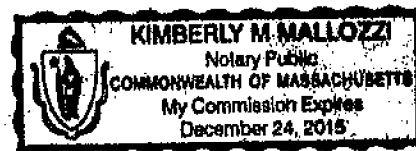

MARK SNYDER

Date: 5/6/2015

United States of America)
State of Massachusetts) ss.:
County of Suffolk)

On this 6th day of May, 2015, before me
personally came MARK SNYDER, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.


Notary Public



Harsha Bhat

HARSHA BHAT

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me
personally came **HARSHA BHAT**, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Please See Attached
Acknowledgement
From Notary Public

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of San Mateo)

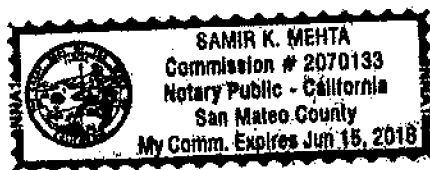
On 27th JANUARY, 2016 before me, Samir K Mehta, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared HARSHA BHAT
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Samir K. Mehta
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: PATENT APPLICATION Document Date: JAN. 27th, 2016
Number of Pages: _____ Signer(s) Other Than Named Above: NONE

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
Signer Is Representing: _____

PATENT