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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT				
CONVEYING PARTY	' DATA						
			Name			Execution Date	
QUINN KIRSCH						08/27/2013	
AMAD AMIN						08/27/2013	
RECEIVING PARTY	DATA						
Name:	OPTIO	OPTIONSXPRESS HOLDINGS, INC.					
Street Address:	311 WI	311 WEST MONROE STREET					
Internal Address:	SUITE	SUITE 1000					
City:	CHICA	CHICAGO					
State/Country:	ILLINO	ILLINOIS					
Postal Code:	60606	60606					
		I					
CORRESPONDENCI			070 0004				
	ll be sent to	o the e d; if th	673-0361 e-mail address first; if t pat is unsuccessful, it и 373-0360				
			xet@vciplaw.com				
Correspondent Name: CHA		CHAF	RLES C. VALAUSKAS				
			S WACKER DRIVE				
Address Line 2:							
Address Line 4:		CHIC	AGU, ILLINUIS 60606				
ATTORNEY DOCKET NUMBER:			7075-296				
NAME OF SUBMITTER:			CHARLES C. VALAUSKAS				
SIGNATURE:			/ccv/				
DATE SIGNED:			03/23/2017				
Fotal Attachments: 2							
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ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION.

We, the undersigned, in consideration of the sum of One Dollar (\$1.00) to us in hand paid by the Assignee and other good and valuable consideration, receipt of which is hereby expressly acknowledged, hereby sell, assign and transfer unto <u>OptionsXpress Holdings, Inc.</u>, a corporation organized and existing under the laws of the State of <u>Delaware</u> and having an address of <u>311 West Monroe Street, Suite 1000, Chicago, Illinois, 60606, as</u> Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to <u>SYSTEM AND METHODS OF TRADING</u> described in an application for Letters Patent of the United States, identified as Attorney Docket No. <u>7075/275</u>, for a full description of which reference is here made to the application for Letters Patent of the United states, identified as U.S. Serial No. 13/650,959, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Quinn Kirsch

STATE OF SS COUNTY C

Date

, 2013, before me personally came the above named Quinn Kirsch who On this day of is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the use and purposes therein set forth.

> OFFICIAL SEAL M. E. CREMIN Notary Public - State of Illinois My Commission Expires May 27, 2015

Notary Public My Commission Expires:

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Amad Amin

STATE OF SS COUNTY O

, 2013, before me personally came the above named Amad Amin who On this day of is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own (ee will for the use and purposes therein set forth.

OFFICIAL SEAL M. E. CREMIN Notary Public - State of Illinois Rey Commission Expires May 27, 2015

Notary Public My Commission Expires:

RECORDED: 03/23/2017