

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BLOCKCROSS HOLDINGS, LLC	11/03/2011
RECEIVING PARTY DATA	
Name:	PULSE TRADING, INC.
Street Address:	4 LIBERTY SQUARE
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02109
PROPERTY NUMBERS Total: 2	
Property Type	Number
Patent Number:	8583544
Patent Number:	8401958
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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Correspondent Name:	STROOCK & STROOCK & LAVAN, LLP
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ATTORNEY DOCKET NUMBER:	003038/0154
NAME OF SUBMITTER:	JEFFREY MANN
SIGNATURE:	/Jeffrey Mann/
DATE SIGNED:	08/14/2017
Total Attachments: 2	
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ASSIGNMENT OF PATENTS

This assignment agreement is dated as of November 3, 2011, is by and between BlockCross Holdings, LLC, a Delaware limited liability company having a place of business at c/o Preston Ford, 63 Longview Drive, Marblehead, MA 01945 (together with its successors and assigns, "BCH"), and Pulse Trading, Inc., a Massachusetts corporation having a place of business at 4 Liberty Square, Boston, MA. 02109 (together with its successors and assigns, "Pulse"), each a "Party" and collectively the "Parties."

WHEREAS, pursuant to the Second Restated and Revised Source Code License Agreement, executed on even date herewith BCH and Pulse agreed that they shall jointly own certain patent applications and resulting patents.

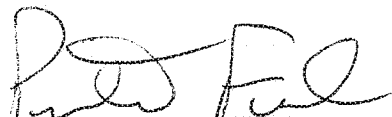
NOW, THEREFORE, in consideration of the terms, conditions, and covenants set forth herein and in order to effectuate such joint ownership, the Parties agree as follows:

BCH hereby assigns to Pulse, an undivided joint ownership interest in the rights, title and interest owned by BCH in the patent applications in the United States of America and its territorial possessions, and all foreign countries including all rights of priority, in inventions disclosed in the patent applications identified on Schedule A, and in and to all Letters Patents of the United States and all foreign countries which may or shall be granted on said inventions, or any parts thereof, or any divisional, continuing, reissue or other applications based in whole or in part thereon.

BCH agrees to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to effectuate the assignment .

Witness my hand and seal this 3rd day of November, 2011.

BLOCK CROSS HOLDINGS, LLC.



Preston Ford

Title: MANAGER

Schedule A
Assignment of Patent

<u>Title</u>	<u>Application Serial No.</u>	<u>Issue Date</u>
Systems And Methods For Facilitating Electronic Securities Transactions	11/736962	April 18, 2007
Systems And Methods For Facilitating Electronic Securities Transactions	12/050863	March 18, 2008