

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5142108

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JDA TECHNOLOGIES US, INC.	05/24/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	JDA SOFTWARE GROUP, INC.
<b>Street Address:</b>	14400 NORTH 87TH STREET
<b>City:</b>	SCOTTSDALE
<b>State/Country:</b>	ARIZONA
<b>Postal Code:</b>	85260
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15973156
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	5029021-0435
<b>NAME OF SUBMITTER:</b>	STEVEN J. LAUREANTI
<b>SIGNATURE:</b>	/Steven J. Laureanti/
<b>DATE SIGNED:</b>	09/14/2018
<b>Total Attachments: 3</b>	
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## PATENT ASSIGNMENT

WHEREAS, JDA TECHNOLOGIES US, INC. (hereafter "Assignor"), a Nevada corporation, having an address of 11701 Luna Road, Dallas, Texas 75234, is the owner of the patents and patent applications, including without limitation those set forth on Exhibit A attached hereto and the inventions described and claimed therein (hereafter the "Patent Property"); and

WHEREAS, JDA SOFTWARE GROUP, INC. (hereafter "Assignee"), a Delaware corporation, having an address of 14400 North 87th Street, Scottsdale, Arizona 85260, did acquire all right, title and interest in and to the Patent Property in the United States of America as the result of an agreement and plan of Merger on November 4, 2009.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, all right, title and interest in and to the Patent Property in the United States of America, as well as all provisionals, continuations, divisions, and continuations-in-part of said Patent Property, and all reissues and extensions thereof, the same to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or legal representatives, to the end of the term or terms for which such Patent Property may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made.

Assignor further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

Assignor also assigns unto Assignee all claims for damages by reason of infringement in the United States of America prior to the assignment date of the Patent Property, with the right to sue for and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns and other legal representatives.

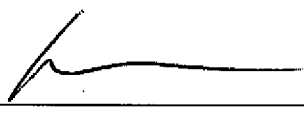
Assignor also will communicate to Assignee any facts known to it respecting any improvements; and, at the expense of Assignee, will testify in any legal proceedings, sign all lawful papers, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest such right, title, and interest in Assignee and to aid Assignee to obtain and enforce proper protection for said Patent Property.

IN WITNESS WHEREOF, this Patent Assignment has been duly executed on the date and in the capacity shown below:

JDA TECHNOLOGIES US, INC.

JDA SOFTWARE GROUP, INC.

By:   
G. Michael Bridge

By:   
Hamish N. Brewer

Its Director, Vice President,  
General Counsel, and Secretary

Its Director, President and CEO

Date: May 24, 2011

Date: May 24, 2011

**EXHIBIT A**

<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>
13/854,802	04/01/2013	Facilitating Business Transactions Between Trading Networks