

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
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EPAS ID: PAT4697743

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ANDREW THOMAS	11/17/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	REAL INNOVATIONS INTERNATIONAL LLC
<b>Street Address:</b>	162 GUELPH STREET, SUITE 253
<b>City:</b>	GEORGETOWN
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	L7G 5X7
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15818117
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	612-332-5300
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<b>ATTORNEY DOCKET NUMBER:</b>	17911.0003USI2
<b>NAME OF SUBMITTER:</b>	JULIANA HOFFMAN
<b>SIGNATURE:</b>	/Juliana Hoffman/
<b>DATE SIGNED:</b>	11/20/2017
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

WHEREAS, I, Andrew THOMAS, made certain new and useful inventions and improvements for which I filed an application with the United States Patent and Trademark Office on, which is entitled BIDIRECTIONAL NETWORKED REAL-TIME DATA EXCHANGE USING A SPREADSHEET APPLICATION.

The undersigned hereby authorizes and requests Assignee's legal representatives of Merchant & Gould P.C., who are associated with Customer No.23552, to insert herein in parenthesis (U.S. Patent Application Serial No. 15/818,117, filed on November 20, 2017) this application's serial number and filing date when known.

AND WHEREAS, Real Innovations International LLC, a corporation organized and existing under and by virtue of the laws of Canada and having an office and place of business at 162 Guelph Street, Suite 253, Georgetown, Ontario, Canada L7G 5X7 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

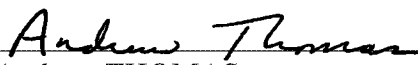
NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and the right(s) to claim priority thereto, and in and to the application, all patent applications based upon said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the

assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17th day of  
November, 2017.

  
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Andrew THOMAS  
Inventor