

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5424522

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MATT SHINEW	10/31/2018
<b>RECEIVING PARTY DATA</b>		
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<b>State/Country:</b>	MICHIGAN	
<b>Postal Code:</b>	49423	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16189241
<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>		
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<b>ATTORNEY DOCKET NUMBER:</b>	061139.00095	
<b>NAME OF SUBMITTER:</b>	SAMIR A. FARES	
<b>SIGNATURE:</b>	/Samir A. Fares/	
<b>DATE SIGNED:</b>	03/15/2019	
<b>Total Attachments: 2</b>		
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**ASSIGNMENT**  
**(Provisional Patent Application - Sole)**

**WHEREAS I, Matt Shinew of 5337 River Basin Ct NE, Ada, Michigan 49301, USA** (hereinafter referred to as "ASSIGNOR"), along with Donald Malackowski and Paul Hoekstra, have invented an invention entitled:

**High Bandwidth And Low Latency Hybrid Communication Techniques For A Navigation System**

which is set forth in United States Provisional Patent Application No. **62/586,340** filed on **November 15, 2017**; and

**WHEREAS, Twistthink, LLC**, a Michigan corporation having a place of business at **130 Central Ave., Ste. 400, Holland, Michigan 49423, USA** (the "ASSIGNEE"), is desirous of acquiring said invention, said patent application, and any U.S. and/or foreign patent applications and/or patents that may be obtained therefore or thereupon;

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN**, be it known that for and in consideration of the sum of One United States Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, said ASSIGNOR does hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors, assigns, or other legal representatives, the full and entire right, title and interest in and to said invention and said patent application, including the right of said ASSIGNEE, its successors, assigns or other legal representatives to file any and all United States patent applications on said invention, including the right to file any United States patent applications claiming priority to said patent application including but not limited to nonprovisional applications, divisional applications, continuation applications, and continuation-in-part applications, and the right to seek reissues or extensions of any patent in the United States, with the same to be held and enjoyed by said ASSIGNEE as fully and entirely as the same would have been held by said ASSIGNOR had this Assignment and sale not been made;

**ASSIGNOR HEREBY FURTHER ASSIGNS** unto said ASSIGNEE, its successors, assigns, or other legal representatives, the whole right, title and interest in and to said invention throughout all countries foreign to the United States, including the right to file any foreign patent applications for said invention, including the right to file any foreign patent applications claiming priority to said patent application, and otherwise seek any patent in any foreign country, and including but not limited to the right to file any foreign divisional applications, continuation applications, and continuation-in-part applications claiming priority to said patent application where such procedure is proper, and the right to seek reissues or extensions of any patent in any foreign country, and said ASSIGNOR does hereby ratify any acts of said ASSIGNEE in applying for a patent in said ASSIGNEE'S own name in any foreign country where such procedure is proper and does hereby agree to execute said foreign patent applications in the several countries where it is necessary that the same be executed by the inventor, and to execute assignments of said foreign patent applications and any patent to be obtained therefore to said ASSIGNEE;

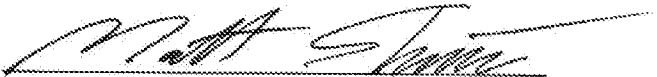
**ASSIGNOR HEREBY AGREES** that said ASSIGNOR, its successors, assigns or other legal representatives will at any time upon the request and at the expense of said ASSIGNEE, its successors, assigns, or other legal representatives, without undue delay, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, said application, and any U.S. and/or foreign patent applications and/or patents that may be obtained therefore;

**ASSIGNOR HEREBY AUTHORIZES** and requests the Commissioner of Patents and Trademarks of the United States and any official of any country foreign to the United States whose duty it is to issue patents, to issue any patent and any reissues and extensions thereof to said ASSIGNEE in accordance with this Assignment;

**ASSIGNOR HEREBY GRANTS** to said ASSIGNEE the full right to sue for and recover all profits and damages recoverable for past infringement of said invention, said application, and any U.S. and/or foreign patent or patents that may be obtained therefore, for ASSIGNEE'S use and behalf and for the use and behalf of ASSIGNEE'S successors, assigns and other legal representatives; and

**ASSIGNOR HEREBY REPRESENTS** and warrants that said ASSIGNOR has the full right to convey the entire interest of said invention and said application herein assigned and have not granted any rights inconsistent with the rights granted herein.

Dated: 10/31/2018

By:   
Matt Shinew