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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
CHRIS SCHUETZ	07/02/2015
JANUSZ MURAKOWSKI	07/02/2015
GARRETT SCHNEIDER	07/02/2015
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RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15790281	

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NAME OF SUBMITTER:	PATRICK MUIR
SIGNATURE:	/Patrick Muir/
DATE SIGNED:	05/02/2018

Total Attachments: 3

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> PATENT REEL: 045694 FRAME: 0430

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Title: PHASED-ARRAY RADIO FREQUENCY RECEIVER

for which Assignor is about to make or has made United States or International application for patent. WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

Section I. Declaration

This declaration is directed to:	
The attached U.S. non-provisional patent application, or	
U.S. non-provisional patent application number, or	, filed on
PCT international patent application number	_, filed on
The above-identified application was made or authorized to be made by me (us).	
I (we) believe that I am (we are) the original inventor (original joint inventors) of a above-identified application.	claimed invention in the
I (we) hereby acknowledge that any willful false statement made in this declaration U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	is punishable under 18
I hereby state that I have reviewed and understand the contents of the above ident the claims.	ified application, including

Section II. Assignment

in 37 CFR § 1.56.

In consideration of promises and/or other good and valuable considerations, the receipt and sufficiency of which is hereby acknowledged, the undersigned, who have made a certain new and useful invention(s), hereby sell, assign and transfer unto

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined

Phase Sensitive Innovations, Inc. of 51 East Main Street, Suite 201, Newark, DE 19711

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention described in the application identified in Section I of this document.

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Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of Muir Patent Law, PLLC the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FIRST INVENTOR/ASSIGNOR	Chris	Schuetz	
SIGNATURE _	Chris Eching	DATE	July 2, 2015

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SECOND INVENTOR/ASSIGNOR	Janusz	Murakowski	
SIGNATURE,	Thilis	DATE	July 2,2015

Attorney Docket No.: PSI-101

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
THIRD	Garrett	Schneider	•
INVENTOR/ASSIGNOR			
SIGNATURE _	Sanit des	DATE	7/2/2015

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FOURTH INVENTOR/ASSIGNOR	Shouyuan	Shi	
SIGNATURE _	SSL_9	DATE	7/2/2015

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
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INVENTOR/ASSIGNOR			
SIGNATURE	(lew)	DÂTE	7/2/15