### 505100127 09/18/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KYLE A. GALLAGHER	03/03/2016

#### **RECEIVING PARTY DATA**

Name:	THE PENN STATE RESEARCH FOUNDATION
Street Address:	113 TECHNOLOGY CENTER
Internal Address:	OFFICE OF TECHNOLOGY MANAGEMENT
City:	UNIVERSITY PARK
State/Country:	PENNSYLVANIA
Postal Code:	16802

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15093788

#### **CORRESPONDENCE DATA**

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	ARL 15-44
NAME OF SUBMITTER:	NADINE L. LOMAN
SIGNATURE:	/Nadine L. Loman/
DATE SIGNED:	09/18/2018

**Total Attachments: 1** 

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PATENT 505100127 REEL: 046903 FRAME: 0704

ARL 15-44 Application S/N 15/093,788 Filed - 04/08/2016

Docket No. PSU 2015-4371

#### ASSIGNMENT

FOR VALUE RECEIVED, and pursuant to my obligations under my employment agreements/appointments with THE PENNSYLVANIA STATE UNIVERSITY ("University"), I, KYLE ALEXANDER GALLAGHER, hereby sell, assign and transfer unto the University's designee, THE PENN STATE RESEARCH FOUNDATION, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed or claimed in Penn State Invention Disclosure # 2015-4371, entitled:

"Instantaneous Stepped Frequency Radar via Intermodulation Exploitation"

signed by me on the date set forth below; and in and to any and all utility patent applications, including continuations, continuations-in-part, divisions, reissues, renewals, extensions, substitutions, additions or reexaminations of such application and any U.S. patents issuing thereon; and in and to any and all corresponding international and foreign applications for Letters Patent and any foreign patents issuing thereon; and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter; together with all claims for damages by reason of future, present and past infringement, with the right to sue for and collect the same for assignee's use and on behalf of assignee's successors, assigns and legal representative.

I request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed this $\geq$ day of 1 % $<$ 2016.	
Witness: Signed:	
Witness:  Signed: KYLE ALEXANDER GALLAGHER  STATE OF MIRYLAND	
COUNTY OF MONTHOMERY :	
On this 365 day of MAZeH , 2016, before me, a Notary Public in and for the county and State aforesaid, appeared KYLE ALEXANDER GALLAGHER , to me personally known to be the person whose na is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act f the uses and purposes therein expressed.	me or

SAPNA Y WHALEN Notary Public Montgomery Ceunty Marytand

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REEL: 046903 FRAME: 0705

**RECORDED: 09/18/2018** 

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Witness my hand and seal the day and year last above given.