505485617 05/21/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Timothy James O'Shea	01/10/2019

RECEIVING PARTY DATA

Name:	VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.	
Street Address:	1700 KRAFT DRIVE, SUITE 2250	
City:	BLACKSBURG	
State/Country:	VIRGINIA	
Postal Code:	24060	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16416921

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	44837-0008002	
NAME OF SUBMITTER:	SHARON M. ALLEN	
SIGNATURE:	/Sharon M. Allen/	
DATE SIGNED:	05/21/2019	

Total Attachments: 2

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PATENT 505485617 REEL: 049237 FRAME: 0479

Attorney Docket No.: 44837-0008001

ASSIGNMENT

For valuable consideration, the receipt of which I acknowledge, and intending to be bound legally, I, <u>TIMOTHY JAMES O'SHEA</u>, assign to <u>VIRGINIA TECH INTELLECTUAL</u>

<u>PROPERTIES, INC.</u>, a corporation formed under the laws of <u>Delaware</u> and having a principal place of business at <u>1700 Kraft Drive</u>, <u>Suite 2250</u>, <u>Blacksburg</u>, <u>VA 24060</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of my right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names me as inventor, is titled "<u>LEARNING RADIO SIGNALS USING RADIO SIGNAL TRANSFORMERS</u>," and was filed in the United States Patent and Trademark Office on <u>May 3, 2018</u>, as application <u>15/970.510</u> (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

I authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in my name or in the Assignee's name.

I represent and warrant that I have the right and power to make this Assignment and that I have not made and will not make any other assignment that conflicts with this Assignment.

I will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

PATENT REEL: 049237 FRAME: 0480

TIMOPHY JAMES O'SHEA	Date: 1/10/2019
Witnessed by: Signature: Print Name: Ton Neuma	Date: 1/10/2019
The Assignee hereby acknowledges and accept	, <u> </u>
Assignee: VIRGINIA TECH INTELLECTU/ Signature: Name:	
Title:	:

Assignment Page 2 of 2

PATENT REEL: 049237 FRAME: 0481

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