

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	BRIAN O'KEEFE	08/10/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SENSUS SPECTRUM, LLC	
<b>Street Address:</b>	639 DAVIS DRIVE	
<b>City:</b>	MORRISVILLE	
<b>State/Country:</b>	NORTH CAROLINA	
<b>Postal Code:</b>	27560	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16101950
<b>CORRESPONDENCE DATA</b>		
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<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27636-3009	
<b>ATTORNEY DOCKET NUMBER:</b>	170084-00017	
<b>NAME OF SUBMITTER:</b>	CANDI L. RIGGS	
<b>SIGNATURE:</b>	/clr/	
<b>DATE SIGNED:</b>	08/13/2018	
<b>Total Attachments: 3</b>		
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**ASSIGNMENT**

THIS ASSIGNMENT, made by me, Brian O'Keefe, residing at 112 Muir Woods Drive, Cary, NC 27513;

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in **METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR IDENTIFYING ENDPOINTS IN A NETWORK** for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. I hereby authorize and request Ward and Smith, P.A., to insert here in parentheses (Application No. 16/101,950, filed Aug. 13, 2018) the application number and filing date of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **Sensus Spectrum, LLC**, a Delaware corporation having a principal place of business at 639 Davis Drive, Morrisville, North Carolina 27560, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all subsequent patent applications which claim the benefit of priority from said application including regular utility, continuations, and continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted for the invention in or on applications claiming the benefit of priority from said application, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereof or therefor, together with the right to claim the benefit of priority from said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and I hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hands and seal on this 10<sup>th</sup> day of August, 2018.

 (SEAL)  
**Brian O'Keefe**

WHEREBY SENSUS SPECTRUM, LLC acknowledges and accepts the assignment;  
IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 13<sup>th</sup> day of  
August, 20 18. The undersigned warrants and represents that he/she has the  
authority to sign this Assignment on behalf of the Assignee, SENSUS SPECTRUM, LLC.

By:  (SEAL)

David Alban  
Senior IP Counsel