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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
JEFFREY BRIAN BARBER	04/09/2018
BARRY THOMAS SMITH	04/09/2018
PETER ROLAND SMITH	04/09/2018
JAMES CHRISTOPHER WEATHERALL	04/09/2018

RECEIVING PARTY DATA

Name:	THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF HOMELAND SECURITY
Street Address:	245 MURRAY LANE; MAIL STOP 0205
City:	WASHINGTON
State/Country:	D.C.
Postal Code:	20528

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15949715

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	DHS-0150	
NAME OF SUBMITTER:	KELLY G. HYNDMAN	
SIGNATURE:	/Kelly G. Hyndman/	
DATE SIGNED:	07/17/2020	

Total Attachments: 4

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PATENT REEL: 053244 FRAME: 0623

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> PATENT REEL: 053244 FRAME: 0624

WHEREAS I, Jeffrey Brian Barber ("Assignor"), having an address of 245 Murray Lane, Mail Stop 0205, Washington, DC 20528, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled Measurement System and Methods of Measuring a Reflection Coefficient and Obtaining Error Correction, and desire to assign the above-mentioned application and the invention covered thereby to the Government of the United States of America, as represented by the Secretary for Homeland Security on the date of execution of this document, as shown below.

AND WHEREAS, the Government of the United States of America, as represented by the Secretary for Homeland Security ("Assignee"), having an address of Assistant General Counsel for Intellectual Property, Department of Homeland Security, Office of the General Counsel / Science and Technology Directorate, Mail Stop 0205, 245 Murray Lane, Washington, DC, 20528, is desirous of acquiring the entire right, title and interest in and to the above-mentioned application and the invention covered thereby, and in and to any and all Letters Patent of the United States and foreign countries which may be issued thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Jeffrey Brian Barber does hereby assign to the Government of the United States of America, as represented by the Secretary for Homeland Security, its legal representatives, successors, and assigns, the entire right, title and interest in and to the above-mentioned application and the invention covered thereby, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past infringement, and including any continuations, continuations-in-part covering the above-mentioned invention, divisions, reissues, re-examinations or extensions thereof, and in and to any and all Letters Patent of the United States and foreign countries which may be issued for said invention.

The undersigned hereby grant(s) the Government of the United States of America, as represented by the Secretary for Homeland Security, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for the above-mentioned application to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said Letters Patent and the invention covered thereby, in accordance with the terms of this Assignment.

O4 (69 /2018	MZZ
Date	Jeffrey Brian Barber Transportation Security Administration

WHEREAS I, <u>Barry Thomas Smith ("Assignor")</u>, having an address of 245 Murray Lane, Mail Stop 0205, Washington, DC 20528, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled <u>Measurement System and Methods of Measuring a Reflection Coefficient and Obtaining Error Correction</u>, and desire to assign the above-mentioned application and the invention covered thereby to the Government of the United States of America, as represented by the Secretary for Homeland Security on the date of execution of this document, as shown below.

AND WHEREAS, the Government of the United States of America, as represented by the Secretary for Homeland Security ("Assignee"), having an address of Assistant General Counsel for Intellectual Property. Department of Homeland Security, Office of the General Counsel / Science and Technology Directorate, Mail Stop 0205, 245 Murray Lane, Washington, DC, 20528, is desirous of acquiring the entire right, title and interest in and to the above-mentioned application and the invention covered thereby, and in and to any and all Letters Patent of the United States and foreign countries which may be issued thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, <u>Barry Thomas Smith</u> does hereby assign to the Government of the United States of America, as represented by the Secretary for Homeland Security, its legal representatives, successors, and assigns, the entire right, title and interest in and to the above-mentioned application and the invention covered thereby, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past infringement, and including any continuations, continuations-in-part covering the above-mentioned invention, divisions, reissues, re-examinations or extensions thereof, and in and to any and all Letters Patent of the United States and foreign countries which may be issued for said invention.

The undersigned hereby grant(s) the Government of the United States of America, as represented by the Secretary for Homeland Security, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for the above-mentioned application to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said Letters Patent and the invention covered thereby, in accordance with the terms of this Assignment.

4/9/18

Barry Thomas Smith

Transportation Security Administration

WHEREAS I, Peter Roland Smith ("Assignor"), having an address of 245 Murray Lane, Mail Stop 0205, Washington, DC 20528, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled Measurement System and Methods of Measuring a Reflection Coefficient and Obtaining Error Correction, and desire to assign the above-mentioned application and the invention covered thereby to the Government of the United States of America, as represented by the Secretary for Homeland Security on the date of execution of this document, as shown below.

AND WHEREAS, the Government of the United States of America, as represented by the Secretary for Homeland Security ("Assignee"), having an address of Assistant General Counsel for Intellectual Property, Department of Homeland Security, Office of the General Counsel / Science and Technology Directorate, Mail Stop 0205, 245 Murray Lane, Washington, DC, 20528, is desirous of acquiring the entire right, title and interest in and to the above-mentioned application and the invention covered thereby, and in and to any and all Letters Patent of the United States and foreign countries which may be issued thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, <u>Peter Roland Smith</u> does hereby assign to the Government of the United States of America, as represented by the Secretary for Homeland Security, its legal representatives, successors, and assigns, the entire right, title and interest in and to the above-mentioned application and the invention covered thereby, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past infringement, and including any continuations, continuations-in-part covering the above-mentioned invention, divisions, reissues, re-examinations or extensions thereof, and in and to any and all Letters Patent of the United States and foreign countries which may be issued for said invention.

The undersigned hereby grant(s) the Government of the United States of America, as represented by the Secretary for Homeland Security, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for the above-mentioned application to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said Letters Patent and the invention covered thereby, in accordance with the terms of this Assignment.

April 9, 2018	Let Verse
Date	Peter Roland Smith
	U.S. Department of Homeland Security

WHEREAS I, James Christopher Weatherall ("Assignor"), having an address of 245 Murray Lane, Mail Stop 0205, Washington, DC 20528, have made a certain new and useful invention as set forth in an application for United States Letters Patent entitled Measurement System and Methods of Measuring a Reflection Coefficient and Obtaining Error Correction, and desire to assign the above-mentioned application and the invention covered thereby to the Government of the United States of America, as represented by the Secretary for Homeland Security on the date of execution of this document, as shown below.

AND WHEREAS, the Government of the United States of America, as represented by the Secretary for Homeland Security ("Assignee"), having an address of Assistant General Counsel for Intellectual Property, Department of Homeland Security, Office of the General Counsel / Science and Technology Directorate, Mail Stop 0205, 245 Murray Lane, Washington, DC, 20528, is desirous of acquiring the entire right, title and interest in and to the above-mentioned application and the invention covered thereby, and in and to any and all Letters Patent of the United States and foreign countries which may be issued thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, James Christopher Weatherall does hereby assign to the Government of the United States of America, as represented by the Secretary for Homeland Security, its legal representatives, successors, and assigns, the entire right, title and interest in and to the above-mentioned application and the invention covered thereby, including the right to claim priority under 35 U.S.C. §119 and the right to sue for past infringement, and including any continuations, continuations-in-part covering the above-mentioned invention, divisions, reissues, re-examinations or extensions thereof, and in and to any and all Letters Patent of the United States and foreign countries which may be issued for said invention.

The undersigned hereby grant(s) the Government of the United States of America, as represented by the Secretary for Homeland Security, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document,

AND Assignor requests the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for the above-mentioned application to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said Letters Patent and the invention covered thereby, in accordance with the terms of this Assignment.

4/9/2018

James Christopher Weatherall

Transportation Security Administration

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