504073159 10/28/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN MICHAEL SHOPE	10/27/2016
PAUL RAYMOND JORGENSON	10/27/2016

RECEIVING PARTY DATA

Name:	SANDIA RESEARCH CORPORATION
Street Address:	7565 E. EAGLE CREST DRIVE, STE. 101
City:	MESA
State/Country:	ARIZONA
Postal Code:	85207

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15338207

CORRESPONDENCE DATA

Fax Number: (617)646-3610

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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Email: admin@atesalegal.com
Correspondent Name: ATESA LEGAL LLC

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Address Line 2: C/O QUINCY CENTER FOR INNOVATION

Address Line 4: QUINCY, MASSACHUSETTS 02170

ATTORNEY DOCKET NUMBER:	190.001US
NAME OF SUBMITTER:	ROBERT A. PENCHUK
SIGNATURE:	/Robert A. Penchuk/
DATE SIGNED:	10/28/2016

Total Attachments: 4

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PATENT REEL: 040163 FRAME: 0982

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, JORGENSON, Paul Raymond, an individual; have sold, assigned and transferred, and do hereby sell, assign and transfer, unto SANDIA RESEARCH CORP., a corporation of the State of NEW MEXICO, having its principal office in Mesa, State of Arizona, USA, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in SUBSURFACE RADIO (Docket No. 190.001US), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me on the date indicated by my signature below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

I hereby also sell, assign and transfer unto SANDIA RESEARCH CORP., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and I further authorize SANDIA RESEARCH CORP. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to SANDIA RESEARCH CORP., for the sole use and benefit of SANDIA RESEARCH CORP., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to SANDIA RESEARCH CORP..

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

190.001US

I covenant with SANDIA R	ESEARCH CORP., its successors, assigns and legal
representatives, that the interest and	l property hereby conveyed is free from all prior assignment.
grant, mortgage, license or other en	
	DATE: 27 OCTOBER 2016
First Witness	
SIGNATURE OF WITNESS	DATE: (Month-Day-Year)
Patrick A-Rainey	
PRINTED NAME OF WITNESS	
2600 N Power Rd Me	su. AZ-85215
PRINTED ADDRESS OF WITNE	99
RINTED ADDRESS OF WITHE	
Second Witness	
SIGNATURE OF WITNESS	DATE: <u>10/07/2014</u> (Month-Day-Year)
Drang L Johnson PRINTED NAME OF WITNESS 2665 N YOWA Rd MOA	Az 86216
PRINTED ADDRESS OF WITNE	

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For good and valuable consideration, the receipt of which is hereby acknowledged, I, SHOPE, Steven Michael, an individual; have sold, assigned and transferred, and do hereby sell, assign and transfer, unto SANDIA RESEARCH CORP., a corporation of the State of NEW MEXICO, having its principal office in Mesa, State of Arizona, USA, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in <u>SUBSURFACE RADIO</u> (Docket No. 190.001US), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me on the date indicated by my signature below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof.

I hereby also sell, assign and transfer unto SANDIA RESEARCH CORP., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and I further authorize SANDIA RESEARCH CORP. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

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SHOPE, Steven Michael	DATE:	27-OCT-201	_6_
First Witness SIGNATURE OF WITNESS PRINTED NAME OF WITNESS 2655 N. Awar P. Mesa, 182 PRINTED ADDRESS OF WITNESS		/0 - 27 - 2 =/6 (Month-Day-Year)	
Second Witness Number Of WITNESS Dang 1 Shifts	DATE:	<i>10/07/2016</i> (Month-Day-Year)	
PRINTED NAME OF WITNESS MGA N. Your LA WWASSI PRINTED ADDRESS OF WITNESS	Б		

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