#### 504473003 07/25/2017

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4519705

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
BENJAMIN J MIGLIORI	07/25/2017
DANIEL J GEBHARDT	07/25/2017
MICHAEL W WALTON	07/25/2017
LOGAN M STRAATEMEIER	07/25/2017

#### **RECEIVING PARTY DATA**

Name:	United States of America as represented by the Secretary of the Navy		
Street Address:	One Liberty Center, 875 North Randolph Street, Suite 1425		
Internal Address:	Office of Naval Research		
City:	Arlington		
State/Country:	VIRGINIA		
Postal Code:	22203-1995		

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15659298

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	104605
NAME OF SUBMITTER:	SUSANNA J TORKE
SIGNATURE:	/Susanna J Torke/
DATE SIGNED:	07/25/2017

**Total Attachments: 4** 

**PATENT** REEL: 043094 FRAME: 0161

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PATENT REEL: 043094 FRAME: 0162 Inventors: Benjamin J. Migliori, Daniel J. Gebhardt, Michael W. Walton, Logan M. Straatemeier

#### ASSIGNMENT

WHEREAS, I, Benjamin J. Migliori of San Diego, CA, while employed by the Government of the United States, have invented certain new and useful improvements in:

#### Methods and Systems for Performing Radio-Frequency Signal Noise Reduction in the

#### **Absence of Noise Models**

identified as Navy Case No. 104,605, described in application for Letters Patent of the United States of America,

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the Government the entire right, title and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent to be held by the Government to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this assignment not been made.

I do hereby also grant unto the Government, the option to take the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letter Patent or other forms of protection, without payment of any consideration; provided, however that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications filed in foreign countries within eight months of the filing date of any application for United States Letter Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMO	NY WHEREOF A have set my hand and affix	xed my seal.	
Name		Date 07/17/2017	
	epjamin J. Wiglion		
	etramin - viignori		

#### Navy Case No. 104605

Inventors: Benjamin O. Migliori, Daniel J. Gebhardt, Michael W. Walton, Logan M. Straatemeier

#### ASSIGNMENT

WHEREAS, I, Daniel J. Gebhardt of San Diego, CA, while employed by the Government of the United States, have invented certain new and useful improvements in:

## Methods and Systems for Performing Radio-Frequency Signal Noise Reduction in the

### **Absence of Noise Models**

identified as Navy Case No. 104,605, described in application for Letters Patent of the United States of America,

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the Government the entire right, title and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent to be held by the Government to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this assignment not been made.

I do hereby also grant unto the Government, the option to take the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letter Patent or other forms of protection, without payment of any consideration; provided, however that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications filed in foreign countries within eight months of the filing date of any application for United States Letter Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

IN TESTIMONY WHEREOF, I have set my hand and affixed my seal.

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Daniel J. Gebhardt

PATENT

REEL: 043094 FRAME: 0164

Inventors: Benjamin O. Migliori, Daniel J. Gebhardt, Michael W. Walton, Logan M. Straatemeier

#### ASSIGNMENT

WHEREAS, I, Logan M. Straatemeier of San Diego, CA, while employed by the Government of the United States, have invented certain new and useful improvements in:

# Methods and Systems for Performing Radio-Frequency Signal Noise Reduction in the

### Absence of Noise Models

identified as Navy Case No. 104,605, described in application for Letters Patent of the United States of America,

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the Government the entire right, title and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent to be held by the Government to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this assignment not been made.

I do hereby also grant unto the Government, the option to take the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letter Patent or other forms of protection, without payment of any consideration; provided, however that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications filed in foreign countries within eight months of the filing date of any application for United States Letter Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in Government.

IN TESTIMONY WHEREOF, I have set my hand and affixed my seal.

Name Logar M. Straatemeier

Date 7-22-2017

PATENT REEL: 043094 FRAME: 0165 Inventors: Benjamin O. Migliori, Daniel J. Gebhardt, Michael W. Walton, Logan M. Straatemeier

#### ASSIGNMENT

WHEREAS, I, Michael W. Walton of San Diego, CA, while employed by the Government of the United States, have invented certain new and useful improvements in:

#### Methods and Systems for Performing Radio-Frequency Signal Noise Reduction in the

#### **Absence of Noise Models**

identified as Navy Case No. 104,605, described in application for Letters Patent of the United States of America,

WHEREAS, the Government of the United States, represented by the Secretary of the Navy and hereinafter referred to as the Government, is desirous of acquiring an assignment of the invention disclosed in said application and other rights and benefits herein granted; and

WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096, to the entire right, title and interest therein, including foreign rights; and

WHEREAS, as to foreign rights, it is the policy of the Government to obtain an option to exercise such rights;

NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I hereby assign and transfer to the Government the entire right, title and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent to be held by the Government to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this assignment not been made.

I do hereby also grant unto the Government, the option to take the entire right, title and interest in the invention and all patent applications or other forms of protection thereon in all countries foreign to the United States in which the Government may file, or cause to be filed, applications for Letter Patent or other forms of protection, without payment of any consideration; provided, however that this grant of an option to take foreign rights in the invention, or applications or other forms of protection thereon, shall have force and effect only as to such applications filed in foreign countries within eight months of the filing date of any application for United States Letter Patent covering the invention, or within eight months from the declassification of the invention, whichever is later, and that all foreign rights not exercised under the option are left to me subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

I hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.

Name \_\_\_\_\_\_ Date \_\_\_\_\_\_ Date \_\_\_\_\_\_ 7/17/17

PATENT
RECORDED: 07/25/2017 REEL: 043094 FRAME: 0166