

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6157775

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EUGENE OH HWANG	03/12/2020
TAO YU	03/05/2020
PHILLIP NADEAU	03/06/2020
MICHAEL JUDY	03/16/2020
RUI ZHANG	03/11/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ANALOG DEVICES, INC.
<b>Street Address:</b>	ONE TECHNOLOGY WAY
<b>City:</b>	NORWOOD
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02062-9106
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16831741
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)646-8646
<i>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.</i>	
<b>Phone:</b>	617-646-8000
<b>Email:</b>	patents_MicheleM@wolfgreenfield.com
<b>Correspondent Name:</b>	WOLF, GREENFIELD & SACKS, P.C.
<b>Address Line 1:</b>	600 ATLANTIC AVENUE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	G0766.70282US01
<b>NAME OF SUBMITTER:</b>	DARLENE J. MORIN
<b>SIGNATURE:</b>	/Darlene J. Morin/
<b>DATE SIGNED:</b>	06/17/2020
<b>Total Attachments: 21</b>	
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**ASSIGNMENT**

**WHEREAS**, I am a named inventor, Eugene Oh Hwang; Tao Yu; Phillip Nadeau; Michael Judy; and Rui Zhang, of residence listed below, having invented certain new and useful improvements as described in an application for United States Letters Patent entitled "COHERENT SUMMATION IN WIRELESS SENSOR PLATFORMS," (hereinafter referred to as "Application") and having internal reference number of APD6900US02;

**WHEREAS**, I hereby authorize and request the attorneys or agents associated with United States Patent and Trademark Office Customer No. 140980 to insert here in parentheses (Ser. No. 16/831,741; Filing Date: March 26, 2020) the filing date and serial number of the Application when known;

**WHEREAS**, Analog Devices, Inc. (hereinafter referred to as "Assignee"), a Massachusetts Corporation with an address of One Technology Way, Norwood, Massachusetts 02062-9106, desires to acquire my entire right, title and interest in and to any and all inventions and improvements that are disclosed in the Application (hereinafter referred to as "Invention"), including any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby assign and transfer, and hereby agree to assign and transfer, to Assignee, all right, title and interest in and to the Invention and in and to the Application and all patents which may be granted therefrom, and all related applications (e.g., provisional applications, divisional applications, reissues, reexaminations, continuation applications, continuation-in-part applications, extensions thereof, design applications, applications in foreign countries, international applications, national phase applications, and the like). I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents, for the Invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also hereby assign and transfer, and hereby agree to assign and transfer to Assignee, all right, title and interest to the Invention, the Application or any related application throughout the world, including all rights of priority resulting from the filing of the Application or any related application, including but not limited to: the right to file applications and obtain patents, utility models, industrial models and designs for the Invention in Assignee's own name throughout the world, the right to claim priority from the Application or any related application when filing applications and obtaining patents, utility models, industrial models and designs for the Invention throughout the world, and all rights to publish cautionary notices reserving ownership of the Invention and all rights to register the Invention in appropriate registries. I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in and to Assignee.

I will communicate to Assignee any facts known to me respecting any improvements to the Invention; and I will sign all lawful papers, execute all rightful

ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

assignments, execute all provisional, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in and to Assignee and to aid Assignee to obtain and enforce proper protection for the Invention in all countries and jurisdictions throughout the world. I irrevocably appoint Analog Devices, Inc. as my attorney-in-fact to execute on my behalf any documents deemed necessary by Analog Devices, Inc. to obtain and enforce proper protection for the Invention in all countries and jurisdictions throughout the world. I agree to testify and cooperate with Assignee in any judicial proceeding, administrative proceeding, post-grant proceeding, or other proceeding concerning the Invention (including litigation with a third party over any patent issued on the Invention), and Assignee agrees to cover my reasonable costs and expenses (if any).

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

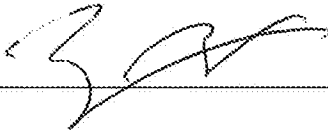
ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention: COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor: Eugene Oh Hwang

Inventor's signature:

  
\_\_\_\_\_

Date:

3/12/20  
\_\_\_\_\_

Inventor Home Address:

48 Beech Ave  
Melrose, Massachusetts 02176

Witness's Print Name:

Malivann Pheng  
\_\_\_\_\_

Witness's signature:

  
\_\_\_\_\_

Witness Home Address:

27 Hall Street  
\_\_\_\_\_

Randolph MA 02368  
\_\_\_\_\_

ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention: COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor: Tao Yu

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor Home Address: 169 Monsignor O'Brien Hwy.  
Apt. 303  
Cambridge, Massachusetts 02141

Witness's Print Name: \_\_\_\_\_

Witness's signature: \_\_\_\_\_

Witness Home Address: \_\_\_\_\_  
\_\_\_\_\_

ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention: COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor: Phillip Nadeau

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor Home Address: 88 Auburn Park  
Apt. 303  
Cambridge, Massachusetts 02139

Witness's Print Name: \_\_\_\_\_

Witness's signature: \_\_\_\_\_  
\_\_\_\_\_

Witness Home Address: \_\_\_\_\_  
\_\_\_\_\_

ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention: COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor: Michael Judy

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor Home Address: 20 Greens Point Road  
Ipswich, Massachusetts 01938

Witness's Print Name: \_\_\_\_\_

Witness's signature: \_\_\_\_\_

Witness Home Address: \_\_\_\_\_  
\_\_\_\_\_



ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention: COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor: Rui Zhang

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor Home Address: 9 Ted Lane  
Southborough, Massachusetts 01772

Witness's Print Name: \_\_\_\_\_

Witness's signature: \_\_\_\_\_

Witness Home Address: \_\_\_\_\_

**ASSIGNMENT**

**WHEREAS**, I am a named inventor, Eugene Oh Hwang; Tao Yu; Phillip Nadeau; Michael Judy; and Rui Zhang, of residence listed below, having invented certain new and useful improvements as described in an application for United States Letters Patent entitled "COHERENT SUMMATION IN WIRELESS SENSOR PLATFORMS," (hereinafter referred to as "Application") and having internal reference number of APD6900US02;

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ASSIGNMENT

Title of Invention: COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor: Eugene Oh Hwang

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor Home Address: 48 Beech Ave  
Melrose, Massachusetts 02176

Witness's Print Name: \_\_\_\_\_

Witness's signature: \_\_\_\_\_

Witness Home Address: \_\_\_\_\_  
\_\_\_\_\_

ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention: COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor: Tao Yu

Inventor's signature:



Date:

3/5/2020

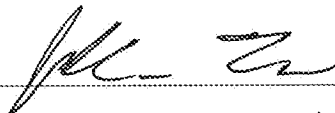
Inventor Home Address:

169 Monsignor O'Brien Hwy.  
Apt. 303  
Cambridge, Massachusetts 02141

Witness's Print Name:

Johannes Traag

Witness's signature:



Witness Home Address:

37 Sheridan Ave. Unit 2

Medford, MA 02155

ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention:

COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor:

Phillip Nadeau

Inventor's signature:

.....

Date:

.....

Inventor Home Address:

88 Auburn Park  
Apt. 303  
Cambridge, Massachusetts 02139

Witness's Print Name:

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Witness's signature:

.....

Witness Home Address:

.....

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Title of Invention: COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor: Michael Judy

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor Home Address: 20 Greens Point Road  
Ipswich, Massachusetts 01938

Witness's Print Name: \_\_\_\_\_

Witness's signature: \_\_\_\_\_

Witness Home Address: \_\_\_\_\_

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ASSIGNMENT

Title of Invention: COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor: Rui Zhang

Inventor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor Home Address: 9 Ted Lane  
Southborough, Massachusetts 01772

Witness's Print Name: \_\_\_\_\_

Witness's signature: \_\_\_\_\_

Witness Home Address: \_\_\_\_\_  
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This Assignment shall be binding on the parties' successors, assigns and legal representatives.

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G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention:

COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor:

Eugene Oh Hwang

Inventor's signature:

.....

Date:

.....

Inventor Home Address:

48 Beech Ave  
Melrose, Massachusetts 02176

Witness's Print Name:

.....

Witness's signature:

.....

Witness Home Address:

.....

.....

ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention:

COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor:

Tao Yu

Inventor's signature:

.....

Date:

.....

Inventor Home Address:

169 Monsignor O'Brien Hwy.  
Apt. 303  
Cambridge, Massachusetts 02141

Witness's Print Name:

.....

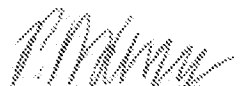
Witness's signature:

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Witness Home Address:

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ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention:

COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor:

Phillip Nadeau

Inventor's signature:

*Phillip Nadeau*

Date:

Mar 6 2020

Inventor Home Address:

88 Auburn Park  
Apt. 303  
Cambridge, Massachusetts 02139

Witness's Print Name:

Nicolas Le Dortz

Witness's signature:

*Nicolas Le Dortz*

Witness Home Address:

35 Rowley St #2

JAMAICA PLAIN, MA 02130

ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention: COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor: Michael Judy

Inventor's signature: Michael Judy

Date: 3/16/2020

Inventor Home Address: 20 Greens Point Road  
Ipswich, Massachusetts 01938

Witness's Print Name: Annabel Judy

Witness's signature: Annabel Judy

Witness Home Address: 20 Greens Point Road  
Ipswich, MA 01938

ATTORNEY DOCKET NO.:  
G0766.70282US01 (APD6900US02)

ASSIGNMENT

Title of Invention: COHERENT SUMMATION IN WIRELESS  
SENSOR PLATFORMS

Full name of inventor: Rui Zhang

Inventor's signature:

张睿

Date:

3/11/2020

Inventor Home Address:

9 Ted Lane  
Southborough, Massachusetts 01772

Witness's Print Name:

JIANPING GONG

Witness's signature:

Jianping Gong

Witness Home Address:

33 FOX HILL DR

Natick, MA 01760