

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7233646

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUE-KAI HUANG	01/24/2021
JUNQIANG HU	01/19/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NEC LABORATORIES AMERICA, INC.
<b>Street Address:</b>	4 INDEPENDENCE WAY, SUITE 200
<b>Internal Address:</b>	SUITE 200
<b>City:</b>	PRINCETON
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08540
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17699148
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(609)951-2421
<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>	609-951-2522
<b>Email:</b>	jill@nec-labs.com
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<b>Address Line 2:</b>	SUITE 200
<b>Address Line 4:</b>	PRINCETON, NEW JERSEY 08540
<b>ATTORNEY DOCKET NUMBER:</b>	21077
<b>NAME OF SUBMITTER:</b>	JEFFERY J BROSEMER
<b>SIGNATURE:</b>	/Jeffery J Brosemer/
<b>DATE SIGNED:</b>	03/20/2022
<b>Total Attachments: 2</b>	
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source=21077_signed_assignment-REPRINT#page2.tif	

**ASSIGNMENT**

Whereas, we,

- (1) Yue-Kai Huang, of 56 Maidenhead Road, Princeton, NJ 08540; and
- (2) Junqiang Hu, of 1533 Rio Grande Street, Davis, CA 95616;

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application entitled:

**Suppressed out-of-band level for increasing loss margin and stable ABC operation of coded DFOS system**

Whereas, NEC Laboratories America, Inc.  
4 Independence Way, Suite 200  
Princeton, New Jersey 08540

(hereinafter called "Assignee"), desires to acquire the entire right, title, and interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in every Country (hereinafter called the "Designated Countries").

Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or utility model registrations in the Designated Countries as regards the United States application and the invention disclosed therein (including rights of priority based on the United States application), and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with such applications, patents and/or utility model registrations in the Designated Countries when called upon to do so by the Assignee.

Signed and Sealed:

**INVENTOR 1:**

DATE on 1/24/2021 \_\_\_\_\_ /Yue-Kai Huang/  
Yue-Kai Huang

**INVENTOR 2:**

DATE on \_\_\_\_\_ Junqiang Hu

ASSIGNMENT

Whereas, we,

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Signed and Sealed:

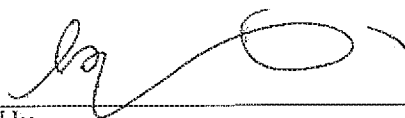
INVENTOR 1:

DATE on \_\_\_\_\_

\_\_\_\_\_  
Yue-Kai Huang

INVENTOR 2:

DATE on 1/19/2022

  
\_\_\_\_\_  
Junqiang Hu