504506475 08/16/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4553179

CONVEYING PARTY DATA

Name	Execution Date	
FATIH YAMAN	08/11/2017	
GIOVANNI MILIONE	08/09/2017	
SHAOLIANG ZHANG	08/15/2017	
YUE-KAI HUANG	08/16/2017	

RECEIVING PARTY DATA

Name:	NEC LABORATORIES AMERICA, INC.			
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State/Country:	NEW JERSEY			
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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15678656	

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ATTORNEY DOCKET NUMBER:	16023A
NAME OF SUBMITTER:	JAMES J. BITETTO
SIGNATURE:	/jjb/
DATE SIGNED:	08/16/2017

Total Attachments: 2

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PATENT 504506475 REEL: 043308 FRAME: 0769

ASSIGNMENT

Whereas, we,

- (1) Fatih Yaman of: 31 Garfield Way, Princeton, NJ 08540;
- (2) Giovanni Milione of: 165 McKinley Avenue, Franklin Square, NY 11010;
- (3) Shaoliang Zhang of: 35 Kennedy Court, Princeton, NJ 08540; and
- (4) Yue-Kai Huang of: 89 Hoover Avenue, Princeton, NJ 08540.

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

Title: DISTRIBUTED ACOUSTIC SENSING IN A MULTIMODE OPTICAL FIBER USING DISTRIBUTED MODE COUPLING AND DELAY

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:

IN	١/		V	Т	A	12	1.	
TT 4	v	1	٦	1	v	1.	1.	

DATED on 8/11/17

(Fatih First Name

. Middle Initial Yaman)
Last Name

INVENTOR 2:

DATED on 8/9/17

(Giovanni First Name

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Milione) Last Name

INVENTOR 3.

DATED on %//>/

(Shaoliang

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Zhang) Last Name

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PATENT

REEL: 043308 FRAME: 0770

First Name

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Last Name

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PATENT REEL: 043308 FRAME: 0771