PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5094274

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRISTIAN LUMEZANU	07/24/2018
NIPUN ARORA	07/22/2018
HAIFENG CHEN	07/25/2018
BO ZONG	07/27/2018
DAEKI CHO	07/19/2018
MINGDA LI	08/07/2018

RECEIVING PARTY DATA

Name:	NEC LABORATORIES AMERICA, INC.	
Street Address:	4 INDEPENDENCE WAY, SUITE 200	
City:	PRINCETON	
State/Country:	NEW JERSEY	
Postal Code:	08540	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16101794

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 609-951-2522

Email: jennifer@tb-iplaw.com

Correspondent Name: NEC LABORATORIES AMERICA, INC.

Address Line 1: 4 INDEPENDENCE WAY

Address Line 2: SUITE 200

Address Line 4: PRINCETON, NEW YORK 08540

ATTORNEY DOCKET NUMBER:	17076A
NAME OF SUBMITTER:	JAMES J. BITETTO
SIGNATURE:	/jjb/
DATE SIGNED:	08/13/2018

PATENT 505047521 REEL: 046626 FRAME: 0526

Total Attachments: 4

source=17076A_signedassignment#page1.tif

source=17076A_signedassignment#page2.tif

 $source = 17076 A_signed as signment \# page 3.t if$

source=17076A_signedassignment#page4.tif

PATENT REEL: 046626 FRAME: 0527

ASSIGNMENT

Whereas, we,

- (1) Cristian Lumezanu, of 10 Landing Lane, Princeton Junction, NJ 08550;
- (2) Nipun Arora of 3205 Fox Run Drive, Plainsboro, NJ 08536;
- (3) Haifeng Chen of 11 Blackhawk Court, West Windsor, NJ 08550;
- (4) Bo Zong of 55 West 26th Street, New York, NY 10010;
- (5) Daeki Cho of 2202 Leia Lane, Highland Park, NJ 08904; and
- (6) Mingda Li of 11140 Rose Avenue, Apt. 307, Los Angeles, CA 90034

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

NEURAL NETWORK BASED SPOOFING DETECTION

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:

DATED on 7/24/18

(Cristian First Name

Middle Initial

Lumezanu)

INVENTOR 2:

DATED on 07/22/18

(Nipun

First Name

Middle Initial

Arora)

Last Name

INVENTOR 3:			
DATED on 1/25/218	(Haifeng First Name	Middle Initial	Chen) Last Name
INVENTOR 4:			
DATED on	(Bo First Name	Middle Initial	Zong) Last Name
INVENTOR 5:			
DATED on	(Daeki First Name	Middle Initial	Cho) Last Name
INVENTOR 6:			
DATED on	(Mingda First Name	Middle Initial	Li) Last Name

Attorney Docket: 17076A

INVENTOR 3:			
DATED on	(Haifeng First Name	Middle Initial	Chen) Last Name
INVENTOR 4:	/Bo Zo	ong/	
DATED on 07/27/2018	(Bo First Name	Middle Initial	Zong) Last Name
INVENTOR 5:			
DATED on	(Daeki First Name	Middle Initial	Cho) Last Name
INVENTOR 6:			
DATED on	(Mingda First Name	Middle Initial	Li) Last Name

DATED on	(Haifeng First Name	Middle Initial	Chen) Last Name
INVENTOR 4:			
DATED on	(Bo First Name	Middle Initial	Zong) Last Name
INVENTOR 5:			
DATED on	(Dacki First Name	Middle Initial	Cho) Last Name
INVENTOR 6:	Mingdoc		Li
DATED ON AUG 7, 248	(Mingda First Name	Middle Initial	Li) Laut Nama