PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL VERNAZA	05/07/2019
NICHOLAS RHINEHART	05/07/2019
ANQI LIU	05/07/2019
KIHYUK SOHN	05/07/2019

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:	16406242

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	18017
NAME OF SUBMITTER:	JAMES J. BITETTO
SIGNATURE:	/jjb/
DATE SIGNED:	05/08/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

PATENT REEL: 049112 FRAME: 0722

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> PATENT REEL: 049112 FRAME: 0723

ASSIGNMENT

Whereas, we,

- (1) Paul Vernaza, of 917 Tamarack Lane, Sunnyvale, CA 94086;
- (2) Nicholas Rhinehart, of 5706 Northumberland St., Pittsburgh, PA, 15217;
- (3) Angi Liu, of 111 S. Laffin Street, Apt 1309, Chicago, IL, 60607; and
- (4) Kihyuk Sohn, of 37168 Meadowbrook Common, Fremont, CA 94536

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

BALANCING DIVERSITY AND PRECISION OF GENERATIVE MODELS WITH COMPLEMENTARY DENSITY ESTIMATORS

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:	Pulley -	
DATED on <u>\$/4/2019</u>	Paul Vernaza	
INVENTOR 2:		
DATED on	Nicholas Rhinehart	

PATENT REEL: 049112 FRAME: 0724

ASSIGNMENT

Whereas, we,

- (1) Paul Vernaza, of 917 Tamarack Lane, Sunnyvale, CA 94086;
- (2) Nicholas Rhinehart, of 5706 Northumberland St., Pittsburgh, PA, 15217;
- (3) Angi Liu, of 111 S. Laffin Street, Apt 1309, Chicago, IL, 60607; and
- (4) Kihyuk Sohn, of 37168 Meadowbrook Common, Fremont, CA 94536

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

BALANCING DIVERSITY AND PRECISION OF GENERATIVE MODELS WITH COMPLEMENTARY DENSITY ESTIMATORS

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(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").

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Signed and Sealed:

INVENTOR 1:	
DATED on	Paul Vernaza
INVENTOR 2:	
	nutte Plater
DATED on05/07/2019	Nicholas Rhinehart

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PATENT REEL: 049112 FRAME: 0725 Attorney Docket: 18017

INVENTOR 3:	Angi Liu
DATED on05/07/2019	Anqi Liu
INVENTOR 4:	
DATED on 5/7/2019	Kihyuk Sohn

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