PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4751506

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIN ZHANG	12/22/2017
GOPAL BILIGERI AVINASH	12/22/2017

RECEIVING PARTY DATA

Name:	GENERAL ELECTRIC COMPANY
Street Address:	1 RIVER ROAD
City:	SCHENECTADY
State/Country:	NEW YORK
Postal Code:	12345

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15855033

CORRESPONDENCE DATA

Fax Number:	(216)696-8731

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:	216-696-8730
Email:	EPAS@thepatentattorneys.com
Correspondent Name:	AMIN, TUROCY & WATSON, LLP (GEHC)
Address Line 1:	127 PUBLIC SQUARE
Address Line 2:	57TH FLOOR, KEY TOWER
Address Line 4:	CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	324153/GEP157
NAME OF SUBMITTER:	HIMANSHU S. AMIN
SIGNATURE:	/Himanshu S. Amin/
DATE SIGNED:	12/27/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4
source=324153_CombinedDeclarationandAssignment#page1.tif
source=324153_CombinedDeclarationandAssignment#page2.tif
source=324153_CombinedDeclarationandAssignment#page3.tif

COMBINED DECLARATION AND GLOBAL ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

IMAGE ANALYSIS USING DEVIATION FROM NORMAL DATA

☒ the specification of which is attached hereto OR

☐ United States application or PCT international application number
_____ filed on _____, as
amended on [date] (if applicable).
(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between General Electric Company, a New York corporation, and our employers), and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Min		Zhang	of	San Ramon	CA	U.S.
Gopal	Biligeri	Avinash	of	San Ramon	CA	U.S.

v9.18.12

hereby sell and assign to:

Name of Company: *General Electric Company*	
Entity Type (optional): *New York corporation*	
Address: *1 River Road, Schenectady, New York 12345 USA*	

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

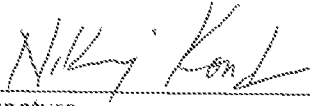| Country of Filing	Type of Filing	Application No.	Filing Date	Title
U.S.	Provisional	62/574,333	10-19-2017	DEEP CONVOLUTIONAL NEURAL NETWORK WITH SELF-TRANSFER LEARNING
U.S.	Utility	15/855,033	12-27-2017	IMAGE ANALYSIS USING DEVIATION FROM NORMAL DATA

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.
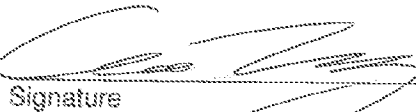
Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 2

Signature: _____ Date: __12/22/2017__
Gopal Biligeri Avinash

Witnessed by: _____ Date: __12/22/2017__
Signature

__NIKUNJ KONDURU__
Printed Name of Witness

Witnessed by: _____ Date: __12/22/2017__
Signature

__Andrew Wong__
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

_____ Date: _____
Gopal Biligeri Avinash

STATE OF

                                            ss.
COUNTY OF

This _____ day of _____, _____ before me personally came the above-named
Gopal Biligeri Avinash, to me personally known as the individual who executed the foregoing
assignment, who acknowledged to me that he/she executed the same of his/her own free will for
the purposes therein set forth.

Seal

_____
                                                (Notary Public)

INVENTOR 1

Signature: _____   Date: 12/22/2017
            Min Zhang

Witnessed by: _____   Date: 12/22/2017
              Signature

NIKUNT KONDURU
Printed Name of Witness

Witnessed by: _____   Date: 12/22/2017
              Signature

Andrew Wong
Printed Name of Witness

═══
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY
═══

_____   Date: _____
Min Zhang

STATE OF
                          ss.
COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Min Zhang**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

                                          (Notary Public)