

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sangtae Ahn</td> <td>11/01/2012</td> </tr> <tr> <td>Evren Asma</td> <td>11/01/2012</td> </tr> <tr> <td>Steven Gerard Ross</td> <td>11/01/2012</td> </tr> <tr> <td>Ravindra Mohan Manjeshwar</td> <td>11/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sangtae Ahn	11/01/2012	Evren Asma	11/01/2012	Steven Gerard Ross	11/01/2012	Ravindra Mohan Manjeshwar	11/01/2012
Name	Execution Date										
Sangtae Ahn	11/01/2012										
Evren Asma	11/01/2012										
Steven Gerard Ross	11/01/2012										
Ravindra Mohan Manjeshwar	11/01/2012										
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13667737</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13667737						
Property Type	Number										
Application Number:	13667737										
CORRESPONDENCE DATA											
Fax Number:											
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email:	gpodckt.mail@ge.com										
Correspondent Name:	General Electric Company										
Address Line 1:	1 River Road										
Address Line 4:	Schenectady, NEW YORK 12345										
ATTORNEY DOCKET NUMBER:	258553-1										
NAME OF SUBMITTER:	Michael L. Mathaisel										
Total Attachments: 6 source=20121101152856322#page1.tif source=20121101152856322#page2.tif source=20121101152856322#page3.tif source=20121101152856322#page4.tif source=20121101152856322#page5.tif source=20121101152856322#page6.tif											

CH \$40.00 13667737

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:

**SYSTEMS AND METHODS FOR PET PENALIZED-LIKELIHOOD IMAGE
RECONSTRUCTION WITH SPATIALLY VARYING SMOOTHING PARAMETERS**

- the specification of which is attached hereto OR
- United States application or PCT international application number 13/667,737 filed on November 2, 2012.

(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
Sangtae		Ahn	of	Niskayuna	NY	US
Evren		Asma	of	Niskayuna	NY	US
Steven	Gerard	Ross	of	Waukesha	WI	US
Ravindra	Mohan	Manjeshwar	of	Niskayuna	NY	US

v9.18.12

hereby sell and assign to:

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

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 Number	Filing Date	Title

(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 1

Signature: Sangtae Ahn
Sangtae Ahn

Date: 11/01/2012

Witnessed by: [Signature]
Signature

Date: 11/01/2012

SEUNGRYONG CHO
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 11/01/2012

Guobao Wang
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Sangtae Ahn**, 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 2

Signature: [Handwritten Signature]
Evren Asma

Date: Nov 1st, 2012

Witnessed by: [Handwritten Signature]
Signature

Date: 11/01/2012

HUA QIAN
Printed Name of Witness

Witnessed by: [Handwritten Signature]
Signature

Date: 11/01/2012

XUE BAI
Printed Name of Witness

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

Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Evren Asma**, 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 3

Signature: [Handwritten Signature]
Steven Gerard Ross

Date: 11/01/2012

Witnessed by: [Handwritten Signature]
Signature

Date: 11/01/2012

HUA QIAN
Printed Name of Witness

Witnessed by: [Handwritten Signature]
Signature

Date: 11/01/2012

DEBASHISH PAL
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Steven Gerard Ross**, 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 4

Signature: Ravindra Manjeshwar
Ravindra Mohan Manjeshwar

Date: 11/01/2012

Witnessed by: [Signature]
Signature

Date: 11/01/2012

SEUNGRYONG CHO
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 11/01/2012

Guobao Wang
Printed Name of Witness

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

_____ Date: _____

Inventor Name

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **Ravindra Mohan Manjeshwar**, 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)