

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Jonathan Immanuel Sperl</td> <td>07/30/2013</td> </tr> <tr> <td>Dirk Wim Joe Beque</td> <td>07/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jonathan Immanuel Sperl	07/30/2013	Dirk Wim Joe Beque	07/30/2013
Name	Execution Date						
Jonathan Immanuel Sperl	07/30/2013						
Dirk Wim Joe Beque	07/30/2013						
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>13731447</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13731447		
Property Type	Number						
Application Number:	13731447						
CORRESPONDENCE DATA							
Fax Number:	2039446712						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	518-387-7724						
Email:	gpo.mail@ge.com						
Correspondent Name:	GENERAL ELECTRIC COMPANY GLOBAL RESEARCH						
Address Line 1:	ONE RESEARCH CIRCLE						
Address Line 2:	BLDG. K1-3A59						
Address Line 4:	NISKAYUNA, NEW YORK 12309						
ATTORNEY DOCKET NUMBER:	253584-1 (GERD:1072)						
NAME OF SUBMITTER:	John M. Rariden						
Signature:	/ John Rariden /						
Date:	09/23/2013						

CH \$40.00 13731447

This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 4**

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**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 RECONSTRUCTION METHODS FOR DIFFERENTIAL PHASE  
CONTRAST X-RAY IMAGING**

- the specification of which is attached hereto OR
- United States application or PCT international application number 13/731,447 filed on December 31, 2012, 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 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, we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Jonathan	Immanuel	Sperl	of	Munchen	Bavaria	DE
Dirk	Wim Jos	Beque	of	Munchen	Bavaria	DE
			of			

GE Docket No. 253584-1

Image Reconstruction Methods for Differential Phase Contrast X-Ray Imaging

hereby sell and assign to:

Name of Company:	<i>General Electric Company</i>
Entity Type:	<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 and 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

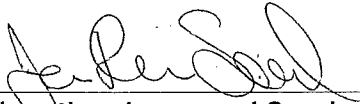
(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations 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, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths 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.

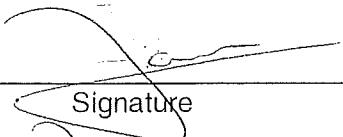
Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

GE Docket No. 253584-1  
Image Reconstruction Methods for Differential Phase Contrast X-Ray Imaging


INVENTOR 1

Signature:   
**Jonathan Immanuel Sperl**

Date: 07-30-2013

Witnessed by:   
Signature  
Martin Janich  
Printed Name of Witness

Date: 7/30/13

Witnessed by:   
Signature  
Susan Bodhan  
Printed Name of Witness

Date: 30-7-2013

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

\_\_\_\_\_  
**Jonathan Immanuel Sperl**

Date: \_\_\_\_\_

STATE OF

ss.

COUNTY OF

This \_\_\_\_\_ day of \_\_\_\_\_, 2013 before me personally came the above-named **Jonathan Immanuel Sperl**, 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)

GE Docket No. 253584-1  
Image Reconstruction Methods for Differential Phase Contrast X-Ray Imaging

INVENTOR 2

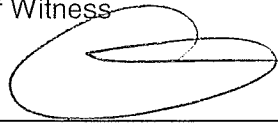
Signature:   
~~Dirk Wim Jos Beque~~

Date: 30/07/13

Witnessed by: S. Bochlann  
Signature

Date: 30-7-2013

Susann Bochlann  
Printed Name of Witness

Witnessed by:   
Signature

Date: 30-7-2013

ANA BEATRIZ SOCANA  
Printed Name of Witness

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

\_\_\_\_\_  
Dirk Wim Jos Beque Date: \_\_\_\_\_

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_ ss.

This \_\_\_\_\_ day of \_\_\_\_\_, 2013 before me personally came the above-named **Dirk Wim Jos Beque**, 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)