#### 504449317 07/10/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4496018

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name       | Execution Date |
|------------|----------------|
| RI-AN ZHAO | 07/10/2017     |

### **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: | 15645370 |

#### **CORRESPONDENCE DATA**

Fax Number: (203)944-6712

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: 5183877724

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Correspondent Name: GENERAL ELECTRIC COMPANY GLOBAL RESEARCH

Address Line 1: ONE RESEARCH CIRCLE

Address Line 2: **BUILDING K1-3A59** 

Address Line 4: NISKAYUNA, NEW YORK 12309

| ATTORNEY DOCKET NUMBER: | 318170-1 (GERD:1438)                                       |
|-------------------------|--|
| NAME OF SUBMITTER:      | JOHN M. RARIDEN  |
| SIGNATURE:              | /John Rariden/   |
| DATE SIGNED:            | 07/10/2017   |
|                         | This document serves as an Oath/Declaration (37 CFR 1.63). |

#### **Total Attachments: 3**

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**PATENT** REEL: 042953 FRAME: 0799 504449317

# COMBINED DECLARATION AND GLOBAL ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor, I hereby declare that:

This declaration and assignment are directed to:

#### ORGANIC PHOTODIODE PIXEL FOR IMAGE DETECTORS

|             | the specification of which  | is attached here   | eto OR                   |                       |   |
|-------------|-----------------------------|--------------------|--------------------------|-----------------------|---|
| $\boxtimes$ | United States application   | or PCT internat    | ional application num    | ıber                  |   |
|             | 15/645,370                  | filed on           | July 10, 2017            | , as                  |   |
|             | amended on [date] (if ap    | plicable).         |                          |                       |   |
|             | (I hereby authorize and req | uest the Company   | or its delegated attorne | eys or agents to inse | ŗ |
|             | above the application numb  | er and filing date | of the application when  | known.)               |   |

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I 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.

I 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 my 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 my employer), and/or for other good and valuable consideration of which I acknowledge receipt, I,

| Inventor<br>First Name | Inventor<br>Middle<br>Name | Inventor Last<br>Name |    | Residence<br>Town | Residence<br>State | Residence<br>Country |
|------------------------|----------------------------|-----------------------|----|-------------------|--------------------|----------------------|
| Ri-an                  |                            | Zhao                  | of | Niskayuna         | NY                 | US                   |

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PATENT REEL: 042953 FRAME: 0800

#### 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 my entire rights, titles and interests in and to the invention and improvements made and conceived by me described in the application(s) listed above and in the following table:

| Country of Filing | Type of Filing | Application Number | Filing Date | Title |
|-------------------|----------------|--------------------|-------------|-------|
|                   |                |                    |             |       |
|                   |                |                    |             |       |
|                   |                |                    |             |       |

(I 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, I will communicate to the Company or its representatives or nominees any facts known to me 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/assignor potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

GE Docket No. 318170-1

| Organic Photodiode Pixel for Image Detectors | ·  |             |
|--|--|-------------|
| INVENTOR                                     |  |             |
| Signature:                                   | Date:  |             |
| Witnessed by:Signature                       | Date:  | _           |
| Printed Name of Witness                      | • · · · ·  |             |
| Witnessed by:Signature                       | Date:  | _           |
| Printed Name of Witness                      |  |             |
| SECTION BELOW IS FOR USE ONLY                | IF SIGNING IN PRESENCE OF A NOTAR  | Y           |
| 3rens  | Date: 07/10/2017   |             |
| Ri-an Zhao                                   |  |             |
| STATE OF New York COUNTY OF Schenectedy ss.  | ,  |             |
| Zhao, to me personally known as the in-      | 017 before me personally came the above-redividual who executed the foregoing assign the same of his/her own free will for the purpose (Notary Public) | gnment, who |
|  | CHERYL L. SCHNEITER Notary Public, State of New Yo No. 01SC6214984 Qualified in Schenectady Coun Commission Expires 12/21/                             |             |