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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5367186

|                              |                |
|------------------------------|----------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name                    | Execution Date |
|-------------------------|----------------|
| LEI ZHOU                | 01/03/2019     |
| DANDAN ZHANG            | 01/02/2019     |
| LVHAI HU                | 01/02/2019     |
| YUN LIU                 | 01/02/2019     |
| ROBERTO FRANCISCO-YI LU | 01/16/2019     |

**RECEIVING PARTY DATA**

|                          |   |
|--------------------------|---|
| <b>Name:</b>             | TYCO ELECTRONICS (SHANGHAI) CO. LTD.                      |
| <b>Street Address:</b>   | SECTIONS F & G, LEVEL 1, BUILDING 15, NO. 999 YINGLUN RD. |
| <b>Internal Address:</b> | CHINA (SHANGHAI) PILOT FREE TRADE ZONE                    |
| <b>City:</b>             | SHANGHAI  |
| <b>State/Country:</b>    | CHINA   |
| <b>Name:</b>             | TE CONNECTIVITY CORPORATION                               |
| <b>Street Address:</b>   | 1050 WESTLAKES DRIVE                                      |
| <b>City:</b>             | BERWYN  |
| <b>State/Country:</b>    | PENNSYLVANIA  |
| <b>Postal Code:</b>      | 19312   |

**PROPERTY NUMBERS Total: 1**

| Property Type              | Number   |
|----------------------------|----------|
| <b>Application Number:</b> | 16270971 |

**CORRESPONDENCE DATA**

**Fax Number:** (610)889-3696

*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.*

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**Address Line 2:** SUITE 110

**Address Line 4:** MALVERN, PENNSYLVANIA 19355

|   |                      |
|---|----------------------|
| <b>ATTORNEY DOCKET NUMBER:</b>  | 21334-2750           |
| <b>NAME OF SUBMITTER:</b>   | SALVATORE ANASTASI   |
| <b>SIGNATURE:</b>   | /Salvatore Anastasi/ |
| <b>DATE SIGNED:</b>   | 02/08/2019           |
| <b>Total Attachments: 4</b><br>source=DeclAssn1#page1.tif<br>source=DeclAssn1#page2.tif<br>source=DeclAssn2#page1.tif<br>source=DeclAssn2#page2.tif |                      |

Attorney Docket No.: 21334-2750

**COMBINED DECLARATION AND ASSIGNMENT**

As a below-named inventor, I hereby declare that:

this declaration is directed to inventions and improvements disclosed in:

- the attached application, or
- United States application or PCT international application number \_\_\_\_\_  
filed on \_\_\_\_\_, entitled Imaging Apparatus ("the APPLICATION")

The 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;

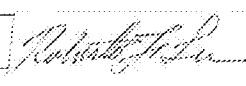
I have reviewed and understand the contents of the APPLICATION, including the claims, and I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37.C.F.R 1.56; AND

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

As a below named and signing inventor, acknowledging that I have assigned or have obligations to assign the APPLICATION to:

**Tyco Electronics (Shanghai) Co. Ltd. and TE Connectivity Corporation ("ASSIGNEE")**, corporations organized and existing under and by virtue of the laws of **China and The United States** having their principal place of business at **Sections F and G Level 1 Building 15 No. 999 Yinglun Road, China (Shanghai) Pilot Free Trade Zone, Shanghai, China and 1050 Westlakes Drive Berwyn, Pennsylvania, 19312 United States**,

for a valuable consideration, the receipt of which is hereby acknowledged, **I do hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, my full and entire right, title and interest in and to the APPLICATION, the inventions and improvements disclosed in the APPLICATION, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent to be granted and issued therefor, not only for, to and in the rights under the International Convention, and all reissues, re-examinations, renewals or extensions thereof, and I hereby authorize and request the United States Patent and Trademark Office and/or other patent office(s) to issue said Letters Patent to said ASSIGNEE, its successors and assigns, in accordance with this assignment**

| Legal Name               | Signature   | Date      |
|--------------------------|---|-----------|
| ZHOU, Lei                |   |           |
| ZHANG, Dandan            |   |           |
| LU, Roberto Francisco-Yi |  | 2019.1.16 |
| HU, Lvhai                |   |           |

US -- United States

*IP Portal*

*24-Jan-2019*

Our Ref.: P198943.US.01

Client Ref.: TE-00184 US

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| LIU, Yun |  |  |
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Attorney Docket No.: 21334-2750

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| Legal Name               | Signature           | Date     |
|--------------------------|---------------------|----------|
| ZHOU, Lei                | <i>Zhou Lei</i>     | 2019/1/3 |
| ZHANG, Dandan            | <i>Dandan Zhang</i> | 2019/1/2 |
| LU, Roberto Francisco-Yi |                     |          |
| HU, Lvhai                | <i>Hu Lvhai</i>     | 2019/1/2 |

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Our Ref.: P198943.US.01

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| LIU, Yun | 刘云 | 2019. 1. 2 |
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