

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4003577

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ADDRESS FOR TYCO ELECTRONICS (SHANGHAI) CO., LTD. previously recorded on Reel 037544 Frame 0459. Assignor(s) hereby confirms the CORRECT ADDRESS IS: SECTIONS F AND G, LEVEL 1, BUILDING 15, NO. 999 YINGLUN ROAD, PILOT FREE TRADE ZONE, SHANGHAI, CHINA.

## CONVEYING PARTY DATA

Name	Execution Date
CHAD WILLIAM MORGAN	01/20/2016
LIANG HUANG	01/21/2016

## RECEIVING PARTY DATA

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

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15002588

## CORRESPONDENCE DATA

Fax Number: (302)633-2776

*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: 302-633-2740

Email: ipdocket.wilm@te.com

Correspondent Name: THE WHITAKER LLC

Address Line 1: 4550 NEW LINDEN HILL ROAD

Address Line 2: SUITE 140

Address Line 4: WILMINGTON, DELAWARE 19808

ATTORNEY DOCKET NUMBER: DD-03093 (958-2782)

<b>NAME OF SUBMITTER:</b>	DEAN D. SMALL
<b>SIGNATURE:</b>	/Dean D. Small/
<b>DATE SIGNED:</b>	08/11/2016
<b>Total Attachments: 5</b> source=DD-03093_CorrectiveAssignment_11AUG2016#page1.tif source=DD-03093_CorrectiveAssignment_11AUG2016#page2.tif source=DD-03093_CorrectiveAssignment_11AUG2016#page3.tif source=DD-03093_CorrectiveAssignment_11AUG2016#page4.tif source=DD-03093_CorrectiveAssignment_11AUG2016#page5.tif	

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Chad William Morgan  
Liang Huang

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: TYCO ELECTRONICS CORPORATION

Internal Address: \_\_\_\_\_

Street Address: 1050 Westlakes Drive

City: Berwyn

State: Pennsylvania

Country: US Zip: 19312

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) \_\_\_\_\_

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other Reel/Frame 037544/0459

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Application No. 15/002,588, filed January 21, 2016

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: The Whitaker, LLC

Internal Address: \_\_\_\_\_

Street Address: 4550 New Linden Hill Road

City: Wilmington

State: Delaware Zip: 19808

Phone Number: 301-633-2771

Docket Number: DD-03093 (958-2782)

Email Address: ipdocket.wilm@te.com

**6. Total number of applications and patents involved:** 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 503858

Authorized User Name Dean D. Small

**9. Signature:**

/Philip S. Hof/  
Signature

2016-08-11  
Date

Philip S. Hof  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

**3**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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Chad William Morgan  
Liang Huang

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**2. Name and address of receiving party(ies)**

Name: Tyco Electronics (Shanghai) Co., Ltd.

Internal Address: \_\_\_\_\_

Street Address: Sections F and G, Level 1, Building 15

No. 999 Yinglun Road, Pilot Free Trade Zone

City: Shanghai

State: \_\_\_\_\_

Country: CN Zip: \_\_\_\_\_

Additional name(s) & address(es) attached?  Yes  No

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**COMBINED DECLARATION AND ASSIGNMENT**

As a below named and signing 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 WAVEGUIDE ASSEMBLY HAVING DIELECTRIC AND CONDUCTIVE WAVEGUIDES  
("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 CORPORATION ("ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, having its principal place of business at 1050 Westlakes Drive, Berwyn, PA 19312 United States of America,

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 United States of America, its territories and possessions, but also for, to and in all other countries, including all priority 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
Chad William Morgan	<i>Chad W. Morgan</i>	1/20/16

**COMBINED DECLARATION AND ASSIGNMENT**

As a below named and signing inventor, **I hereby declare that:**

this declaration is directed to inventions and improvements disclosed in:

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- United States application or PCT international application number \_\_\_\_\_ filed on \_\_\_\_\_,

entitled WAVEGUIDE ASSEMBLY HAVING DIELECTRIC AND CONDUCTIVE WAVEGUIDES (“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

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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. (“ASSIGNEE”), a corporation organized and existing under and by virtue of the laws of China, having its principal place of business at Level 1, No. 142 He Dan Road, Waigaoqiao Free Trade Zone, Shanghai, Peoples Republic of China,

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 United States of America, its territories and possessions, but also for, to and in all other countries, including all priority 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
Liang Huang		2016.01.21