

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ting Gao</td> <td>02/16/2011</td> </tr> <tr> <td>Joel C. Kent</td> <td>02/10/2011</td> </tr> <tr> <td>Jeffrey T. Haller</td> <td>02/17/2011</td> </tr> <tr> <td>Daniel H. Scharff</td> <td>02/15/2011</td> </tr> <tr> <td>Timothy O. Avery</td> <td>03/02/2011</td> </tr> </tbody> </table>		Name	Execution Date	Ting Gao	02/16/2011	Joel C. Kent	02/10/2011	Jeffrey T. Haller	02/17/2011	Daniel H. Scharff	02/15/2011	Timothy O. Avery	03/02/2011
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Daniel H. Scharff	02/15/2011												
Timothy O. Avery	03/02/2011												
<b>RECEIVING PARTY DATA</b>													
Name:	Tyco Electronics Corporation												
Street Address:	1050 Westlakes Drive												
City:	Berwyn												
State/Country:	PENNSYLVANIA												
Postal Code:	19312												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13012513</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13012513								
Property Type	Number												
Application Number:	13012513												
<b>CORRESPONDENCE DATA</b>													
Fax Number:	(650)361-5623												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	6503612344												
Email:	kmcgee@tycoelectronics.com												
Correspondent Name:	Tyco Electronics Corporation												
Address Line 1:	309 Constitution Drive												
Address Line 4:	Menlo Park, CALIFORNIA 94025												
ATTORNEY DOCKET NUMBER:	ET-01034-US1												
NAME OF SUBMITTER:	Rosa S. Kim, Reg. No. 39,728												

CH \$40.00 13012513

**Total Attachments: 6**

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**ASSIGNMENT**

WHEREAS, I/we,

- 1) Ting Gao, 2) Joel C. Kent, 3) Jeffrey T. Haller, 4) Daniel H. Scharff and  
5) Timothy O. Avery

("INVENTOR(S)", citizen(s) of 1) People's Republic of China and 2) through 5) United States of America, and residing at 1) 1246 Lynn Way, Sunnyvale, CA 94087; 2) 35937 Gaskell Court, Fremont, CA 94536; 3) 738 Newport Circle, Redwood City, CA 94065; 4) 926 Arbor Drive, San Leandro, CA 94577; and 5) 23000 Mountain Charlie Road, Los Gatos, CA 95033, have made a new and useful invention that is the subject of an application for United States Letters Patent thereon ("APPLICATION"), entitled

**Bezel-Less Acoustic Touch Apparatus**


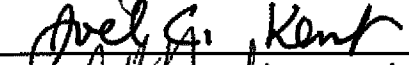

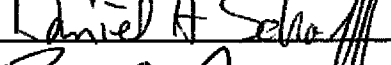
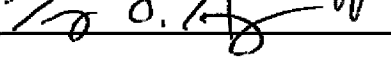
- for which I/we have this day executed the application papers for submission concurrently herewith to the United States Patent and Trademark Office; or
- which was filed on January 24, 2011 and has been assigned U.S. Application Serial No. 13/012,513; and

WHEREAS,

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

is desirous of acquiring the exclusive right, title, and interest in and to the APPLICATION and in and to any Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I/we, the INVENTOR(S), do hereby sell, assign, transfer, and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest in and to the APPLICATION and in and to any and 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 we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

Name	Signature	Date
Ting Gao		2/16/2011
Joel C. Kent		2/10/2011
Jeffrey T. Haller		2/17/11
Daniel H. Scharff		2/15/2011
Timothy O. Avery		02MAR11

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of San Mateo



On 10 February 2011 before me, Kathy C. McGee, Notary Public

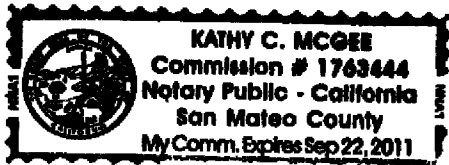
Date

Here Insert Name and Title of the Officer

personally appeared Joel C. Kent

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: Assignment (for patent application ET-01034-US1, 13/012,513)

Document Date: 10 February 2011 (as dated by first signatory) Number of Pages: One (1)

Signer(s) Other Than Named Above: Ting Gao, Jeffrey T. Haller, Daniel H. Scharff and Timothy O. Avery

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Joel C. Kent

Individual

Corporate Officer — Title(s): \_\_\_\_\_

Partner —  Limited  General

Attorney in Fact

Trustee

Guardian or Conservator

Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

RIGHT THUMBPRINT OF SIGNER

Top of thumb here

Signer's Name: \_\_\_\_\_

Individual

Corporate Officer — Title(s): \_\_\_\_\_

Partner —  Limited  General

Attorney in Fact

Trustee

Guardian or Conservator

Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

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**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

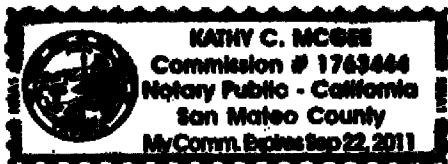
County of San Mateo



On 15 February 2011 before me, Kathy C. McGee, Notary Public  
Date Here Insert Name and Title of the Officer

personally appeared Daniel H. Scharff  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Kathy C. McGee  
Signature of Notary Public

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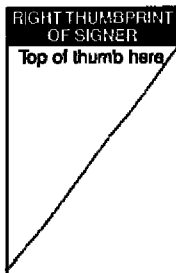
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**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Daniel H. Scharff

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
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- Trustee
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- Other: \_\_\_\_\_



Signer Is Representing: \_\_\_\_\_

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of San Mateo



On 16 February 2011 before me, Kathy C. McGee, Notary Public

Date

Here Insert Name and Title of the Officer

personally appeared Ting Gao

Name(s) of Signer(s)

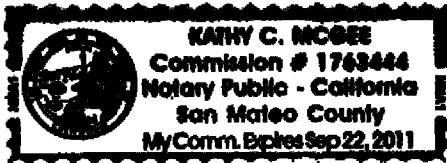
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

*Kathy C. McGee*  
Signature of Notary Public



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**Capacity(ies) Claimed by Signer(s)**

Signer's Name: Ting Gao

Individual

Corporate Officer — Title(s): \_\_\_\_\_

Partner —  Limited  General

Attorney in Fact

Trustee

Guardian or Conservator

Other: \_\_\_\_\_

Signer is Representing: \_\_\_\_\_

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Top of thumb here

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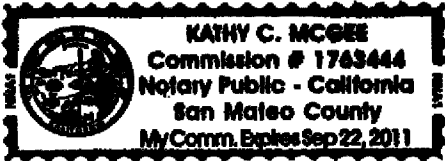
County of San Mateo



On 17 February 2011 before me, Kathy C. McGee, Notary Public  
Date Here Insert Name and Title of the Officer

personally appeared Jeffrey T. Haller  
Name(s) of Signer(s)

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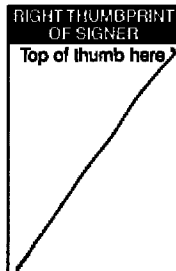
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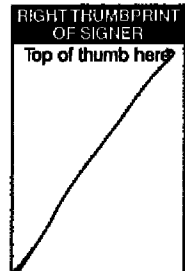
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Signer is Representing: \_\_\_\_\_

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State of California

County of San Mateo

On 02 March 2011 before me, Kathy C. McGee, Notary Public  
Date Here Insert Name and Title of the Officer

personally appeared Timothy O. Avery  
Name(s) of Signer(s)

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Signer's Name: Timothy O. Avery

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