

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ivy Wei Qin</td> <td>06/09/2010</td> </tr> <tr> <td>John D. Molnar</td> <td>06/07/2010</td> </tr> <tr> <td>Thomas J. Colosimo Jr.</td> <td>06/28/2010</td> </tr> </tbody> </table>		Name	Execution Date	Ivy Wei Qin	06/09/2010	John D. Molnar	06/07/2010	Thomas J. Colosimo Jr.	06/28/2010		
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Kulicke and Soffa Industries, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1005 Virginia Drive</td> </tr> <tr> <td>City:</td> <td>Fort Washington</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19034</td> </tr> </table>		Name:	Kulicke and Soffa Industries, Inc.	Street Address:	1005 Virginia Drive	City:	Fort Washington	State/Country:	PENNSYLVANIA	Postal Code:	19034
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CORRESPONDENCE DATA											
<p>Fax Number: (215)784-6482</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2157846817</p> <p>Email: cspletzer@kns.com</p> <p>Correspondent Name: Kulicke and Soffa Industries, Inc.</p> <p>Address Line 1: 1005 Virginia Drive</p> <p>Address Line 2: Christopher Spletzer</p> <p>Address Line 4: Fort Washington, PENNSYLVANIA 19034</p>											
ATTORNEY DOCKET NUMBER:	KSI-441US										
NAME OF SUBMITTER:	Christopher M. Spletzer, Sr.										
<p>Total Attachments: 2</p> <p>source=siggnedassignment#page1.tif</p>											

OP \$40.00 12746563

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PATENT
REEL: 024600 FRAME: 0685

ASSIGNMENT - Patent ApplicationDocket Number: **KSI-441WO**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. Qin, Ivy Wei	2. Molnar, John David
	3. Colosimo, Jr., Thomas J.	4.
	5.	6.

made an invention entitled: **METHOD OF CALIBRATING A CONSTANT VOLTAGE SUPPLY FOR AN
ULTRASONIC TRANSDUCER OF A WIRE BONDING MACHINE**for which an International Patent Application was filed in the U.S. Receiving Office on December 21, 2007,
as International Patent Application Number: PCT/US07/88482ASSIGNEE
(Full Name and Address)**KULICKE AND SOFFA INDUSTRIES, INC.**
1005 Virginia Drive
Fort Washington, PA 19034
United States of America

is desirous of acquiring the entire interest in and to said invention and the Patents to be obtained therefor.

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Patent for said invention, including the above-identified International Patent Application and all rights to claim priority based thereon, including national phase applications, non-provisional applications, utility applications, utility model applications, divisions, continuations, and continuations-in-part thereof, and all Patent rights issuing therefrom, including reissues, to be obtained therefor, including any and all U.S. and foreign patent rights in this invention corresponding thereto.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.


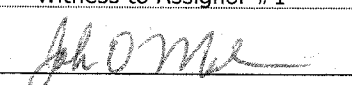

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

ASSIGNMENT - Patent ApplicationDocket Number: **KSI-441WO**

Assignor authorizes Assignor's attorney to insert herein, the International Application Number and filing date of the aforesaid International Application and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

Typed or Printed Name	Signature	Date
1. Qin, Ivy Wei		11/4/09
	* Witness to Assignor #1	
2. Molnar, John David		11/4/09
	* Witness to Assignor #2	
3. Colosimo, Jr., Thomas J.		11/16/09
	* Witness to Assignor #3	
4.		
	* Witness to Assignor #4	
5.		
	* Witness to Assignor #5	
6.		
	* Witness to Assignor #6	

International Application Number.: PCT/US07/88482

Filed: December 21, 2007

Attorney Docket Number: KSI-441WO

Total Number of Assignment Pages **2**

* Witness signature recommended, mandatory for some countries