

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Gary S. Gillotti</td><td>04/30/2007</td></tr><tr><td>E. Walter Frasch</td><td>05/01/2007</td></tr><tr><td>Krishnan Rama</td><td>04/30/2007</td></tr><tr><td>Xin Ji Zhang</td><td>04/30/2007</td></tr></tbody></table>	Name	Execution Date	Gary S. Gillotti	04/30/2007	E. Walter Frasch	05/01/2007	Krishnan Rama	04/30/2007	Xin Ji Zhang	04/30/2007	
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Gary S. Gillotti	04/30/2007										
E. Walter Frasch	05/01/2007										
Krishnan Rama	04/30/2007										
Xin Ji Zhang	04/30/2007										
RECEIVING PARTY DATA											
Name:	Kulicke and Soffa Industries, Inc.										
Street Address:	1005 Virginia Drive										
City:	Fort Washington										
State/Country:	PENNSYLVANIA										
Postal Code:	19034										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11742696</td></tr></tbody></table>	Property Type	Number	Application Number:	11742696							
Property Type	Number										
Application Number:	11742696										
CORRESPONDENCE DATA											
Fax Number:	(215)784-6482										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	215-784-6817										
Email:	tberger@kns.com										
Correspondent Name:	Christopher M. Spletzer, Sr.										
Address Line 1:	1005 Virginia Drive										
Address Line 4:	Fort Washington, PENNSYLVANIA 19034										
ATTORNEY DOCKET NUMBER:	KSI-462US										
NAME OF SUBMITTER:	Christopher M Spletzer, Sr, Reg No 52240										
Total Attachments: 4											
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PATENT

REEL: 019231 FRAME: 0193

ASSIGNMENT - Patent ApplicationDocket Number: **KSI-462US**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/
INVENTOR(s)

1. Gary S. Gillotti

2. E. Walter Frasch

3. Krishnan Rama

4. Xin Ji Zhang

5.

6.

made an invention entitled: **DEVICE CLAMP FOR REDUCING OXIDATION IN WIRE BONDING**

for which an application for Letters Patent of the United States:

(Select one of the following):

- ☒ is executed concurrently herewith
☐ was filed in the U.S. Patent and Trademark Office on _____,
as U.S. Patent Application Serial No.: _____

ASSIGNEE
(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 Letters Patent 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 Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all 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.

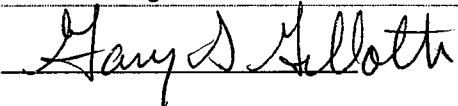
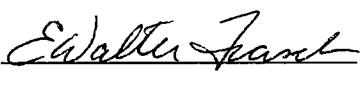
If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

ASSIGNMENT - Patent ApplicationDocket Number: **KSI-462US**

Assignor authorizes Assignor's attorney to insert at the end hereof, the serial number and filing date of the aforesaid application for United States Letters Patent 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. Gary S. Gillotti		4/30/07
	* Witness to Assignor #1	
2. E. Walter Frasch		5/1/07
	* Witness to Assignor #2	
3. Krishnan Rama		
	* Witness to Assignor #3	
4. Xin Ji Zhang		
	* Witness to Assignor #4	
5.		
	* Witness to Assignor #5	
6.		
	* Witness to Assignor #6	

SIGNATURE

Application for United States Letters Patent:

Serial No.:

11/742,692

Filed:

MAY 1, 2007

Attorney Docket Number:

KSI-462US

Total Number of Assignment Pages

2

* Witness signature recommended, mandatory for some countries

ASSIGNMENT - Patent ApplicationDocket Number: **KSI-462US**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. Gary S. Gillotti	2. E. Walter Frasch
	3. Krishnan Rama	4. Xin Ji Zhang
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(Select one of the following):

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☐ was filed in the U.S. Patent and Trademark Office on _____,
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(Full Name and Address)**KULICKE AND SOFFA INDUSTRIES, INC.
1005 Virginia Drive
Fort Washington, PA 19034
United States of America**

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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.

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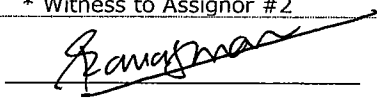
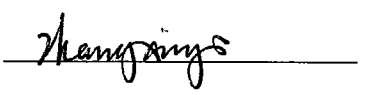
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1. Gary S. Gillotti	_____	_____
	* Witness to Assignor #1	_____
2. E. Walter Frasch	_____	_____
	* Witness to Assignor #2	_____
3. Krishnan Rama		30 April 2007
	* Witness to Assignor #3	_____
4. Xin Ji Zhang		30 April / 2007
	* Witness to Assignor #4	_____
5.	_____	_____
	* Witness to Assignor #5	_____
6.	_____	_____
	* Witness to Assignor #6	_____

Application for United States Letters Patent:

Serial No.:

11/742,696

Filed:

MAY 1, 2007

Attorney Docket Number:

KSI-462USTotal Number of Assignment Pages 2

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PATENT**RECORDED: 05/01/2007****REEL: 019231 FRAME: 0197**