

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3123523

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL P. SCHMIDT-LANGE	06/17/2014
MATTHEW B. WASSERMAN	03/31/2014
CHRISTOPHER W. BRAUN	06/30/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14553782
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SIGNATURE:	/Christopher M. Spletzer, Sr./
DATE SIGNED:	11/25/2014
Total Attachments: 2	
source=183467_3137_Assignment#page1.tif	
source=183467_3137_Assignment#page2.tif	

ASSIGNMENT - Patent Application

Docket Number: **KSI-595USP**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. Michael P. Schmidt-Lange	2. Matthew B. Wasserman
	3. Christopher W. Braun	4.
	5.	6.

made an invention entitled: **SYSTEMS AND METHODS FOR DETERMINING AND ADJUSTING A LEVEL OF PLANARITY RELATED TO BONDING OF SEMICONDUCTOR ELEMENTS**

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 December 3, 2013,
as U.S. Patent Application Serial No.: 61/911,011

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.

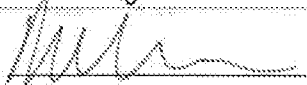

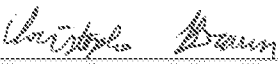
ASSIGNMENT - Patent Application

Docket Number: **KSI-595USP**

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
SIGNATURE	1. Michael P. Schmidt-Lange		6/17/2014
		* Witness to Assignor	
	2. Matthew B. Wasserman		3-31-2014
		* Witness to Assignor	
	3. Christopher W. Braun		06/30/2014
		* Witness to Assignor	
	4.		
		* Witness to Assignor	
	5.		
		* Witness to Assignor	
	6.		
		* Witness to Assignor	

Application for United States Letters Patent:

Serial No.: 61/911,011

Filed: December 3, 2013

Attorney Docket Number: KSI-595USP

Total Number of Assignment Pages 2

* Witness signature recommended, mandatory for some countries