

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jon Brunner	02/02/2005
Horst Clauberg	02/02/2005
John Shuhart	02/02/2005
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	
Property Type	Number
Application Number:	12114200
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Kulicke and Soffa Industries, Inc.
Address Line 1:	1005 Virginia Drive
Address Line 4:	Fort Washington, PENNSYLVANIA 19034
ATTORNEY DOCKET NUMBER:	KSI-381US1
NAME OF SUBMITTER:	Christopher M. Splezer, Sr.
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

OP \$40.00 12114200

PATENT

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REEL: 020903 FRAME: 0400

ASSIGNMENT

WHEREAS, we, Jon Brunner and John Shuhart, respectively citizens of the United States, and Horst Clauberg a citizen of Germany, with respective post office addresses of 18 Ridge Run Road, Sellersville, PA 18960, 497 Nemoral Street, Warminster, PA 18974 and 121 Lincoln Woods, Lafayette Hill, PA 19444, hereinafter generally referred to as "ASSIGNORS", have invented a certain new and useful

ELECTRONIC FLAME-OFF ELECTRODE WITH BALL-SHAPED TIP

for which we have executed an application for Letters Patent of the United States on February 2, 2005, Serial No. _____, and

WHEREAS, Kulicke & Soffa Investments, Inc., a Delaware corporation having a place of business at Little Falls Center, 2751 Centerville Road, Suite 3165, Wilmington, DE 19808, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said application for Letters Patent,

WHEREAS, now and at the time the invention was made, said invention was subject to an obligation by ASSIGNORS to assign their entire right, title and interest therein to ASSIGNEE.

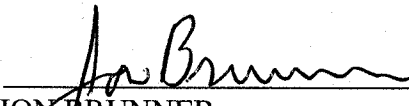
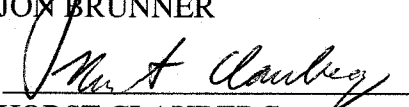
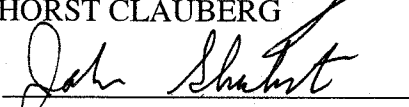
NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above application for Letters Patent, for the territory of the United States and its possessions and territories and all foreign countries, and

in and to the above application for Letters Patent, including any continuing and/or divisional applications therefor, any provisional applications identified in the above application, and any and all United States Letters Patent which may be granted on said application(s) including reissues and reexaminations, and all foreign Letters Patent which may be granted on said invention, including reissues, extensions, renewals and reexaminations of such Letters Patent;

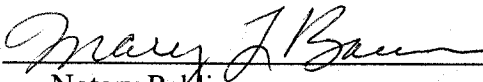
said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

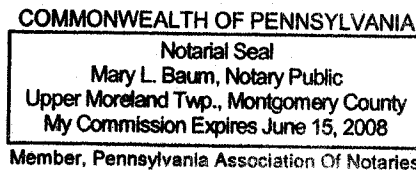
WE HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this document the filing date and/or serial number of our aforesaid application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

 (L.S.)
JON BRUNNER
 (L.S.)
HORST CLAUBERG
 (L.S.)
JOHN SHUHART

State of *Pennsylvania* :
County of *Montgomery* :
SS

Before me, a notary public, in and for the State and County aforesaid, on this day of *February 2*, 2005 personally appeared **Jon Brunner**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

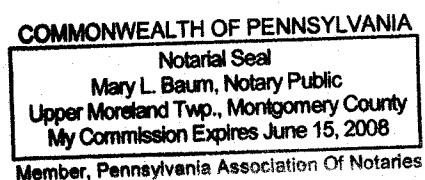

Notary Public



State of *Pennsylvania* :
County of *Montgomery* :
SS

Before me, a notary public, in and for the State and County aforesaid, on this day of *February 2*, 2005 personally appeared **Horst Clauberg**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Mary L. Baum
Notary Public



State of *Pennsylvania* :
County of *Montgomery* :
SS

Before me, a notary public, in and for the State and County aforesaid, on this day of *February 2*, 2005 personally appeared **John Shuhart**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Mary L. Baum
Notary Public

