

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5594819

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DOMINICK A. DEANGELIS	02/18/2017
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:	16454873
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
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ATTORNEY DOCKET NUMBER:	KSI-632US1	
NAME OF SUBMITTER:	CHRISTOPHER M. SPLETZER, SR.	
SIGNATURE:	/Christopher M. Spletzer, Sr./	
DATE SIGNED:	06/27/2019	
Total Attachments: 2		
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source=SignedAssignment#page2.tif		

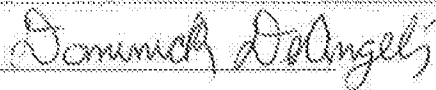
ASSIGNMENT - Patent Application		Docket Number: 183467-3225
Whereas, the Assignor, comprising the following named inventors:		
ASSIGNOR(s)/ INVENTOR(s)	1. Dominick DeAngelis	2.
	3.	4.
	5.	6.
	made an invention entitled: <u>Ultrasonic Transducer Systems Including Tuned Resonators, Equipment Including Such Systems, and Methods of Using the Same</u>	
for which an application for Letters Patent of the United States: (Select one of the following):		
<input type="checkbox"/> is executed concurrently herewith <input checked="" type="checkbox"/> was filed in the U.S. Patent and Trademark Office on <u>February 18, 2017</u> , as U.S. Patent Application Serial No. <u>62/460,793</u>		
ASSIGNEE (Full Name and Address)	Kulicke and Soffa Industries, Inc. 1005 Virginia Drive Fort Washington, PA 19034 US	
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: **183467-3225**

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. Dominick DeAngelis		2/18/17
	* Witness to Assignor #1	
2.		
	* Witness to Assignor #2	
3.		
	* Witness to Assignor #3	
4.		
	* Witness to Assignor #4	
5.		
	* Witness to Assignor #5	
6.		
	* Witness to Assignor #6	

SIGNATURE

Application for United States Letters Patent:

Serial No.: **62/460,793**Filed: **February 18, 2017**Attorney Docket Number: **183467-3225**Total Number of Assignment Pages **2**

* Witness signature recommended, mandatory for some countries