## 503523812 10/15/2015

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ				
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THOMAS KALICH				12/17/2013	
CHRISTIANE FRUEH			12/03/2013		
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Application Number:		1434	8/4/	]	
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SIGNATURE:	/drp/			
DATE SIGNED:	10/15/2015			
Total Attachments: 3 source=14734192_022862-1930-US00_Executed_Assignmentas_filed#page1.tif source=14734192_022862-1930-US00_Executed_Assignmentas_filed#page2.tif source=14734192_022862-1930-US00_Executed_Assignmentas_filed#page3.tif				

## ASSIGNMENT

Pursuant to our obligation to Robert Bosch GmbH (hereinafter referred to as "Assignee"), a German corporation having its principal place of business at:

Postfach 30 02 20 70442 Stuttgart Germany

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,

we:

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 $\sim$ 

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## PATENT REEL: 036797 FRAME: 0169

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confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest in the United States -

(1) in and to inventions described in a patent application titled LAMINATED COMPOSITE MADE UP OF AN ELECTRONIC SUBSTRATE AND A LAYER ARRANGEMENT COMPRISING A REACTION SOLDER the specification of which was filed with my authority on September 21, 2012 as International Patent Application No. PCT/EP2012/068678 (Atty. File No. 022862-1930-US00) (hereinafter the "PCT application"); and

(2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said inventions or claiming the benefit of the PCT application, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

PATENT REEL: 036797 FRAME: 0170

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The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

<u>× 17.12. 2013</u> Date

<u>× 03. лг. лз</u> Date

<u>X 4, 12 - 13</u> Date

X 28,11, 2013

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X 8.12.13

Date

09/Q/3

Date

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PATENT REEL: 036797 FRAME: 0171

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**RECORDED: 10/15/2015**