

## 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>Karlheinz WIENAND</td><td>09/14/2011</td></tr><tr><td>Tim ASMUS</td><td>09/15/2011</td></tr><tr><td>Angela MAIER</td><td>09/15/2011</td></tr><tr><td>Karlheinz ULLRICH</td><td>09/26/2011</td></tr></tbody></table>	Name	Execution Date	Karlheinz WIENAND	09/14/2011	Tim ASMUS	09/15/2011	Angela MAIER	09/15/2011	Karlheinz ULLRICH	09/26/2011	
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RECEIVING PARTY DATA											
Name:	Heraeus Sensor Technology GmbH										
Street Address:	Heraeusstrasse 12-14										
City:	Hanau										
State/Country:	GERMANY										
Postal Code:	63450										
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>13319767</td></tr></tbody></table>	Property Type	Number	Application Number:	13319767							
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Application Number:	13319767										
CORRESPONDENCE DATA											
Fax Number:	(215)965-1331										
Phone:	2159651249										
Email:	dkelly@panitchlaw.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Debra Kelly(927-103US)										
Address Line 1:	Panitch, Schwarze, Belisario & Nadel										
Address Line 2:	2005 Market Street, Suite 2200										
Address Line 4:	Philadelphia, PENNSYLVANIA 19103										
ATTORNEY DOCKET NUMBER:	927-103US										
NAME OF SUBMITTER:	William W. Schwarze										
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PATENT  
REEL: 027207 FRAME: 0294

**ASSIGNMENT  
(PATENT APPLICATION)**

WHEREAS, we, ("ASSIGNORS"):

<u>Inventor</u>	<u>Citizenship</u>	<u>Address</u>
Karlheinz WIENAND	German	Mudweg 4 63741 Aschaffenburg Germany
Tim ASMUS	German	Marburger Straße 26 35469 Allendorf-Winnen Germany
Angela MAIER	German	Am Dreispitz 9 63741 Aschaffenburg Germany
Karlheinz ULLRICH	German	Ringstrasse 92 64823 Gross-Umstadt Germany

having invented a certain new and useful invention entitled:

**PHOTOLITHOGRAPHIC STRUCTURED THICK LAYER SENSOR**

for which a United States patent application is to be filed or has been filed on 11/10/2011 under  
U.S. Patent Application No. 13/319,767; and

WHEREAS, ("ASSIGNEE"):

Heraeus Sensor Technology GmbH  
(A German Corporation)  
Heraeusstrasse 12-14  
63450 Hanau  
GERMANY

is desirous of acquiring the entire right, title and interest in and to the invention throughout the  
United States and the world, and all right, title and interest in, to and under any and all Letters  
Patent of the United States and all countries throughout the world;

FOR GOOD and VALUABLE CONSIDERATION, the full receipt and sufficiency of which are hereby acknowledged, ASSIGNORS, intending to be legally bound, do hereby:

AUTHORIZE said ASSIGNEE, or its representatives to insert above the filing date and application number of the application when these are known;

SELL, ASSIGN, TRANSFER and CONVEY to ASSIGNEE the whole and entire right, title and interest for the United States and its possessions and territories and all foreign countries in and to the invention which is disclosed in the above-identified patent application, and, in and to any and all patent applications related thereto including, but not limited to, all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues and all other applications for patent which have been or shall be filed in the United States and all foreign countries on the invention; all original, reissued and reexamined patents and extensions thereof which have been or shall be issued in the United States and all foreign countries on the invention to the full end of the term or terms for which the patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR(S) had this Assignment not been made; and specifically including all rights of priority created by the above patent application under any treaty, convention or law relating thereto;

AUTHORIZE and REQUEST the issuing authority to issue any and all United States and foreign patents granted on the invention to ASSIGNEE;

WARRANT and REPRESENT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by ASSIGNORS, and that the full right to convey the same as herein expressed is possessed by ASSIGNORS;

AGREE and UNDERTAKE, when requested and at the expense of ASSIGNEE, to carry out in good faith the intent and purpose of this Assignment, ASSIGNORS will execute all non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues, and all other patent applications on the invention; execute all lawful oaths, declarations, assignments, powers of attorney and other papers; communicate to ASSIGNEE all facts known to ASSIGNORS relating to the invention and the history thereof; and generally do everything possible which ASSIGNEE shall consider desirable for vesting title to the invention in ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for the invention; all without further compensation to ASSIGNORS;

TO BE BINDING on the heirs, assigns, representatives and successors of ASSIGNORS and extending to the successors, assigns, and nominees of ASSIGNEE.

September 14, 2011  
Date

Karlheinz Wienand  
Karlheinz WIENAND

September 15, 2011  
Date

Tim ASMUS  
Tim ASMUS

September 15, 2011

Date

September 26, 2011

Date

Angela Maier

Angela MAIER

Karlheinz Ulrich

Karlheinz ULRICH