

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>Jeroen VAN DEN BRAND</td> <td>08/07/2012</td> </tr> <tr> <td>Gerardus Titus VAN HECK</td> <td>08/07/2012</td> </tr> <tr> <td>Margaretha Maria DE KOK</td> <td>08/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jeroen VAN DEN BRAND	08/07/2012	Gerardus Titus VAN HECK	08/07/2012	Margaretha Maria DE KOK	08/07/2012
Name	Execution Date								
Jeroen VAN DEN BRAND	08/07/2012								
Gerardus Titus VAN HECK	08/07/2012								
Margaretha Maria DE KOK	08/07/2012								
RECEIVING PARTY DATA									
Name:	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO								
Street Address:	Schoemakerstraat 97								
City:	Delft								
State/Country:	NETHERLANDS								
Postal Code:	2628 VK								
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>13574630</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13574630				
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Application Number:	13574630								
CORRESPONDENCE DATA									
Fax Number:	2028243001								
Phone:	202-824-3000								
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<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:	BANNER & WITCOFF, LTD.								
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ATTORNEY DOCKET NUMBER:	007938.00042								
NAME OF SUBMITTER:	Benjamin C. Spehlmann								
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif									

CH \$40.00 13574630

ASSIGNMENT

WHEREAS, WE, **Jeroen VAN DEN BRAND, Gerardus Titus VAN HECK** and **Margaretha Maria DE KOK** (residing in **The Netherlands**, and ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by having the title:

TILE, ASSEMBLY OF TILES WITH A CARRIER, METHOD OF MANUFACTURING AN ASSEMBLY

which application was filed as U.S. Application Serial Number 13/574,630 on 23 July 2012 , and filed as PCT International Application PCT/NL2011/050063 (published as WO 2011/093712) on January 31, 2011.

and WHEREAS

Nederlandse Organisatie voor toegepast-
natuurwetenschappelijk onderzoek TNO
Schoemakerstraat 97
2628 VK Delft
The Netherlands

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assign and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

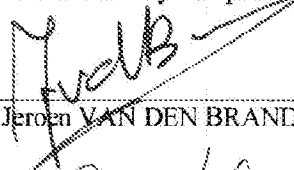
And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;


And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting


said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: 02.00.12 Inventor: 
Jeroen VAN DEN BRAND

Date: 7/10/2012 Inventor: 
Gerardus Titus VAN HECK

Date: 7/10/2012 Inventor: 
Margaretha Maria DE KOK

Note: No legalization or other witness required.