

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                           | NEW ASSIGNMENT                                                             |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------|----------------------------|---------------------|--------------------------|------------|-----------------------|-------------|---------------------|------|
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                      | ASSIGNMENT                                                                 |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                            |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jeroen van den Brand</td> <td>02/08/2011</td> </tr> <tr> <td>Andreas Heinrich Dietzel</td> <td>02/08/2011</td> </tr> </tbody> </table>                                                                                                                              |                                                                            | Name          | Execution Date                                                             | Jeroen van den Brand       | 02/08/2011          | Andreas Heinrich Dietzel | 02/08/2011 |                       |             |                     |      |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Execution Date                                                             |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| Jeroen van den Brand                                                                                                                                                                                                                                                                                                                                                                                                                                              | 02/08/2011                                                                 |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| Andreas Heinrich Dietzel                                                                                                                                                                                                                                                                                                                                                                                                                                          | 02/08/2011                                                                 |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                            |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Nederlandse Organisatie voor toegepastnatuurwetenschappelijk onderzoek TNO</td> </tr> <tr> <td><b>Street Address:</b></td> <td>Schoemakerstraat 97</td> </tr> <tr> <td><b>City:</b></td> <td>Delft</td> </tr> <tr> <td><b>State/Country:</b></td> <td>NETHERLANDS</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>2628</td> </tr> </table> |                                                                            | <b>Name:</b>  | Nederlandse Organisatie voor toegepastnatuurwetenschappelijk onderzoek TNO | <b>Street Address:</b>     | Schoemakerstraat 97 | <b>City:</b>             | Delft      | <b>State/Country:</b> | NETHERLANDS | <b>Postal Code:</b> | 2628 |
| <b>Name:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Nederlandse Organisatie voor toegepastnatuurwetenschappelijk onderzoek TNO |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <b>Street Address:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            | Schoemakerstraat 97                                                        |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <b>City:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Delft                                                                      |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <b>State/Country:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             | NETHERLANDS                                                                |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <b>Postal Code:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2628                                                                       |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                            |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>13054277</td> </tr> </tbody> </table>                                                                                                                                                                                                              |                                                                            | Property Type | Number                                                                     | <b>Application Number:</b> | 13054277            |                          |            |                       |             |                     |      |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Number                                                                     |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <b>Application Number:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        | 13054277                                                                   |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                            |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <p>Fax Number: (617)367-4656</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: cconstantinescu@rhoiplaw.com</p> <p>Correspondent Name: Carmen Constantinescu</p> <p>Address Line 1: Rissman Hendricks &amp; Oliverio, LLP</p> <p>Address Line 2: 100 Cambridge Street, Suite 2101</p> <p>Address Line 4: Boston, MASSACHUSETTS 02114</p>                                                                  |                                                                            |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    | V005-7013US0                                                               |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                         | Jay A. Stelacone                                                           |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |
| <p>Total Attachments: 1</p> <p>source=V005-7013US0_Executed_Assignment#page1.tif</p>                                                                                                                                                                                                                                                                                                                                                                              |                                                                            |               |                                                                            |                            |                     |                          |            |                       |             |                     |      |

OP \$40.00 13054277

501435696

**PATENT**  
**REEL: 025794 FRAME: 0789**

**ASSIGNMENT**

WHEREAS WE, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

**METHOD OF FORMING A HIGH DENSITY STRUCTURE**

for which WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on January 14, 2011 (Application No. 13/054,277); and

WHEREAS, **NERDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO**

a corporation of **THE NETHERLANDS**

whose post office address is **Schoemakerstraat 97, 2628 VK Delft, THE NETHERLANDS**

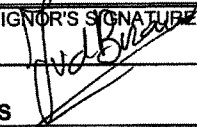

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, WE, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys WE have empowered in the Declaration and Power of Attorney in this application to insert here in parentheses (Application No. 13/054,277, filed January 14, 2011) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, WE have hereunto set our hands.

|                                                     |                                                                                     |                   |
|-----------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|
| FULL NAME OF FIRST ASSIGNOR                         | ASSIGNOR'S SIGNATURE                                                                | DATE              |
| <b>Jeroen van den Brand</b>                         |  | <u>08.02.2011</u> |
| ADDRESS                                             |                                                                                     | CITIZENSHIP       |
| <b>Hoge Wal 80, 5053 AT Goirle, THE NETHERLANDS</b> |                                                                                     | NL                |
| FULL NAME OF SECOND ASSIGNOR                        | ASSIGNOR'S SIGNATURE                                                                | DATE              |
| <b>Andreas Heinrich Dietzel</b>                     |  | <u>8/2/2011</u>   |
| ADDRESS                                             |                                                                                     | CITIZENSHIP       |
| <b>Lilienstrasse 131, D-47906 Kempen, GERMANY</b>   |                                                                                     | DE                |