

# 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>Renatus Marius de Zwart</td> <td>07/03/2009</td> </tr> <tr> <td>Joseph Mathias Gerardus Kunen</td> <td>07/03/2009</td> </tr> </tbody> </table>		Name	Execution Date	Renatus Marius de Zwart	07/03/2009	Joseph Mathias Gerardus Kunen	07/03/2009				
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<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 toegepast-natuurwetenschappelijk 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 VK</td> </tr> </table>		<b>Name:</b>	Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO	<b>Street Address:</b>	Schoemakerstraat 97	<b>City:</b>	Delft	<b>State/Country:</b>	NETHERLANDS	<b>Postal Code:</b>	2628 VK
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>Application Number:</b>	12515925										
<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (312)616-5700</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3126165600</p> <p>Email: assignments@leydig.com</p> <p>Correspondent Name: Leydig, Voit &amp; Mayer, Ltd.</p> <p>Address Line 1: 180 N. Stetson</p> <p>Address Line 2: Suite 4900</p> <p>Address Line 4: Chicago, ILLINOIS 60601</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	267142										
<b>NAME OF SUBMITTER:</b>	Mark Joy										
<p>Total Attachments: 1</p> <p>source=267142assign_001#page1.tif</p>											

CH \$40.00 12515925

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**PATENT**  
**REEL: 023048 FRAME: 0122**

P/g55541500

**Assignment**

In consideration of One Dollar (\$ 1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

Renatus Marius DE ZWART, Soetendaal 3, 5655 JP EINDHOVEN, The Netherlands  
Joseph Mathias Gerardus KUNEN, Munsterstraat 4, 3123 PN SCHIEDAM, The Netherlands

Hereby sell, assign and transfer to Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO  
a corporation of The Netherlands  
having a place of business at Schoemakerstraat 97, 2628 VK DELFT, The Netherlands  
its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, for which I filed an application for United States letters Patent on May 21, 2009 which application was accorded application no. 12/515,925 and is entitled

**PRODUCT WITH INTERNAL CAVITIES, AND METHOD, SYSTEM AND MOULD FOR  
MANUFACTURING SUCH A PRODUCT**

,and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patent and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

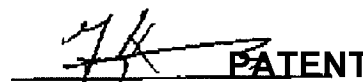
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date 3-7-09

R.M. DE ZWART

Date 3/7/09

J.M.G. KUNEN

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