

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Roeland Huys</td> <td>07/03/2012</td> </tr> <tr> <td>Wolfgang Eberle</td> <td>07/03/2012</td> </tr> <tr> <td>Dries Braeken</td> <td>07/03/2012</td> </tr> <tr> <td>Liesbeth Micholt</td> <td>07/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Roeland Huys	07/03/2012	Wolfgang Eberle	07/03/2012	Dries Braeken	07/03/2012	Liesbeth Micholt	07/03/2012		
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>IMEC</td> </tr> <tr> <td>Street Address:</td> <td>Kapeldreef 75</td> </tr> <tr> <td>City:</td> <td>Leuven</td> </tr> <tr> <td>State/Country:</td> <td>BELGIUM</td> </tr> <tr> <td>Postal Code:</td> <td>3001</td> </tr> </table>		Name:	IMEC	Street Address:	Kapeldreef 75	City:	Leuven	State/Country:	BELGIUM	Postal Code:	3001		
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<table border="1"> <tr> <td>Name:</td> <td>Katholieke Universiteit Leuven, K.U. LEUVEN R&D</td> </tr> <tr> <td>Street Address:</td> <td>Waaistraat 6</td> </tr> <tr> <td>Internal Address:</td> <td>box 5105</td> </tr> <tr> <td>City:</td> <td>Leuven</td> </tr> <tr> <td>State/Country:</td> <td>BELGIUM</td> </tr> <tr> <td>Postal Code:</td> <td>3000</td> </tr> </table>		Name:	Katholieke Universiteit Leuven, K.U. LEUVEN R&D	Street Address:	Waaistraat 6	Internal Address:	box 5105	City:	Leuven	State/Country:	BELGIUM	Postal Code:	3000
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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>13519894</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13519894								
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CORRESPONDENCE DATA													
Fax Number:	3129130002												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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CH \$40.00 13519894

Address Line 1: 300 South Wacker Drive
Address Line 4: Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	12-696-WO-US
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NAME OF SUBMITTER:	John M. Schafer
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Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif
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ASSIGNMENT

Case No.: 12-696-WO-US

Serial No.: 13/519,894

Inventor(s): Roeland HUYS, Wolfgang EBERLE, Dries BRAEKEN,
Liesbeth MICHOLT

Date of Execution
of Application:

Filing Date: June 29, 2012

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

IMEC
Kapeldreef 75
3001 Leuven, Belgium

Katholieke Universiteit Leuven, K.U. LEUVEN R&D
Waaistraat 6 – box 5105
3000 Leuven, Belgium

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Improved Microneedle

and identified as:

Case No. 12-696-WO-US

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

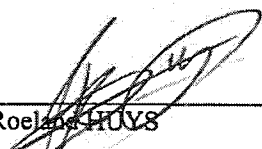
The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.


The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute

applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Signature:  Date: 3/7/2012
Name: Roelant HUYS

Signature:  Date: 3/7/2012
Name: Wolfgang EBERLE

Signature:  Date: 3/7/2012
Name: Dries BRAEKEN

Signature:  Date: 3/7/2012
Name: Liesbeth MICHOLT