

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Paulus Wilhelmus Maria Blom	12/10/2009
Bert De Boer	12/22/2009
Kamal Asadi	12/11/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Rijksuniversiteit Groningen
<b>Street Address:</b>	Broerstraat 5
<b>City:</b>	Groningen
<b>State/Country:</b>	NETHERLANDS
<b>Postal Code:</b>	9712 CP
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12601243
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)616-5700
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	3126165600
<b>Email:</b>	assignments@leydig.com
<b>Correspondent Name:</b>	Leydig, Voit & Mayer, Ltd.
<b>Address Line 1:</b>	180 N. Stetson
<b>Address Line 2:</b>	Suite 4900
<b>Address Line 4:</b>	Chicago, ILLINOIS 60601
<b>ATTORNEY DOCKET NUMBER:</b>	268333
<b>NAME OF SUBMITTER:</b>	Mark Joy

CH \$40.00 12601243

Total Attachments: 2  
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**501079653**

**PATENT**  
**REEL: 023869 FRAME: 0047**



PATENT

### Assignment

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

Paulus Wilhelmus Maria BLOM, Dreesstraat 2, 9801 KX ZUIDHORN, The Netherlands  
Bert DE BOER, Turflaan 5, 9354 XT ZEVENHUIZEN, The Netherlands  
Kamal ASADI, Kornoeljestraat 2M-30, 9741 JB GRONINGEN, The Netherlands

Hereby sell, assign and transfer to Rijksuniversiteit Groningen a corporation of The Netherlands having a place of business at Broerstraat 5, 9712 CP GRONINGEN, 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 20 November, 2009 which application was accorded application no. 12/601,243 and is entitled

#### FERRO-ELECTRIC DEVICE AND MODULATABLE INJECTION BARRIER


,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.

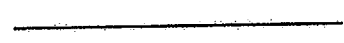
Date 10-12-2009

P.W.M. BLOM



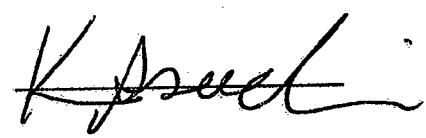
Date \_\_\_\_\_

B. DE BOER



Date 11-12-2009

K. ASADI



P. 0114930500

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

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Bert DE BOER, Turflaan 5, 9354 XT ZEVENHUIZEN, The Netherlands  
Kamal ASADI, Kornoeljestraat 2M-30, 9741 JB GRONINGEN, The Netherlands

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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.

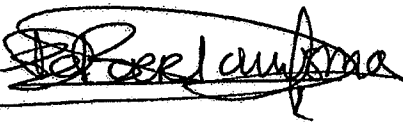
Date \_\_\_\_\_

P.W.M. BLOM

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Date 22-12-2009

B. DE BOER



Date \_\_\_\_\_

K. ASADI

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