

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Derek R. Lovley</td> <td>05/15/2007</td> </tr> <tr> <td>Kelly P. Nevin</td> <td>05/14/2007</td> </tr> </tbody> </table>		Name	Execution Date	Derek R. Lovley	05/15/2007	Kelly P. Nevin	05/14/2007
Name	Execution Date						
Derek R. Lovley	05/15/2007						
Kelly P. Nevin	05/14/2007						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	University of Massachusetts						
<b>Street Address:</b>	225 Franklin Street						
<b>City:</b>	Boston						
<b>State/Country:</b>	MASSACHUSETTS						
<b>Postal Code:</b>	02110						
<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>Application Number:</td> <td>11750583</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11750583		
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Application Number:	11750583						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(248)647-5210						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	248-647-6000						
<b>Email:</b>	docket@patlaw.com						
<b>Correspondent Name:</b>	Kevin S. MacKenzie-Gifford Krass						
<b>Address Line 1:</b>	P.O. Box 7021						
<b>Address Line 4:</b>	Troy, MICHIGAN 48007-7021						
<b>ATTORNEY DOCKET NUMBER:</b>	TTC-44002/08						
<b>NAME OF SUBMITTER:</b>	Kevin S. MacKenzie						
<b>Total Attachments: 2</b> source=Assignment2-USPTO#page1.tif source=Assignment2-USPTO#page2.tif							

**OP \$40.00 11750583**

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 14 day of May, 2007 by  
Derek R. Lovley and Kelly P. Nevin (hereinafter referred to as Assignors), residing at 21 North  
County Road, Bernardston, Massachusetts 01337; and 34 Bay Rd., Belchertown, MA 01007,  
respectively;

WHEREAS, Assignors have invented certain new and useful improvements in  
MICROBIAL FUEL CELLS, set forth in a Patent application for Letters Patent of the United  
States, filed herewith; and

WHEREAS, University of Massachusetts, a university organized under and  
pursuant to the laws of Massachusetts, having its principal place of business at 225 Franklin  
Street, Boston, Massachusetts (hereinafter referred to as Assignee), is desirous of acquiring the  
entire right, title and interest in and to said inventions and said Application for Letters Patent of  
the United States, and in and to any Letters Patent of the United States to be obtained therefore  
and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and  
sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold,  
assigned, transferred and set over, and by these presents do sell, assign, transfer and set over,  
unto Assignee, its successors, legal representatives and assigns, the entire right, title and  
interest, domestic and foreign, in and to the above-mentioned inventions and discoveries,  
including the right of said Assignee, its successors, legal representatives and assigns, to make  
and receive Letters Patent for said inventions and discoveries in any and all foreign countries in  
its own name, or in the name of the Assignors have, at its election, and all rights of priority in  
and to said inventions and discoveries in all countries.

AND for the same consideration, Assignors hereby represent and warrant to  
Assignee, its successors, legal representatives and assigns, Assignors have not granted any  
rights inconsistent with the rights granted herein.

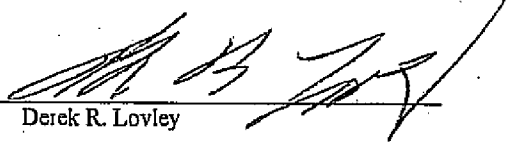
AND for the same consideration, Assignors hereby covenant and agree to and with  
Assignee, its successors, legal representatives and assigns, that Assignors, heirs, successors,

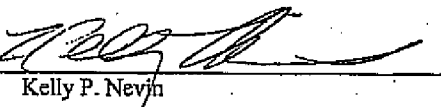
assigns or other legal representatives will sign any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries and to perform all acts which Assignee, its successors, legal representatives and assigns may deem necessary to secure thereto the rights herein assigned, sold and set over.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GIFFORD, KRASS, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 63796

Date: 5/15/07 Signature:   
Derek R. Lovley

Date: 5/14/07 Signature:   
Kelly P. Nevin