

## PATENT ASSIGNMENT

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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>Jacob S. Beal</td> <td>06/22/2009</td> </tr> <tr> <td>Jonathan R. Bachrach</td> <td>06/16/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jacob S. Beal	06/22/2009	Jonathan R. Bachrach	06/16/2009				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Massachusetts Institute of Technology</td> </tr> <tr> <td>Street Address:</td> <td>77 Massachusetts Avenue</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02139</td> </tr> </table>		Name:	Massachusetts Institute of Technology	Street Address:	77 Massachusetts Avenue	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02139
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6173424000</p> <p>Email: shouseholder@foley.com, ipdocketing@foley.com</p> <p>Correspondent Name: Foley &amp; Lardner LLP</p> <p>Address Line 1: 3000 K Street N.W., Suite 600</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20007-5109</p>											
ATTORNEY DOCKET NUMBER:	099477-0160										
NAME OF SUBMITTER:	Joseph Teja, Jr.										
<p>Total Attachments: 4</p> <p>source=099477-0160 Assignment#page1.tif</p> <p>source=099477-0160 Assignment#page2.tif</p> <p>source=099477-0160 Assignment#page3.tif</p> <p>source=099477-0160 Assignment#page4.tif</p>											

PATENT

**ASSIGNMENT**

Whereas we, Jacob S. Beal, 72 Dane Street, Rear Apt., Somerville, MA 02143 and Jonathan R. Bachrach, 1799 Spruce Street, Berkeley, CA 94709, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled METHODS AND APPARATUS FOR ENERGY DEMAND MANAGEMENT, identified by Wolf Greenfield Docket No. M1214.70001US00, the specification of which was filed on February 26, 2009, and accorded Serial Number 12/394,011; and

Whereas Massachusetts Institute of Technology, whose address is 77 Massachusetts Avenue, Cambridge, MA 02139, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, the receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to Assignee our respective portions of the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patents on said inventions and discoveries in whatsoever countries, all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent(s);
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue or transfer all said Letters Patents to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent(s) shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application

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Application Serial No. 12/394,011

Attorney Docket No. M1214.70001US00

documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

This instrument is executed under seal.

6/22/2009  
Date  
Inventor: Jacob S. Beal  
Address: 72 Dane Street, Rear Apt.  
Somerville, MA 02143  
Citizenship: United States of America

STATE/Commonwealth of Massachusetts :

COUNTY OF Middlesex

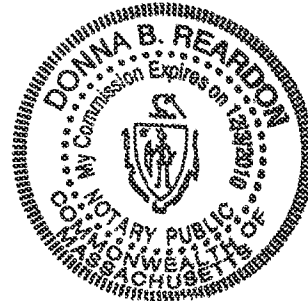
Sworn to and subscribed before me on this 22 day of June, 2009 under the pains  
and penalties of perjury under the laws of the United States of America.

SEAL

Donna B. Reardon  
Notary Public

My commission expires

December 03, 2010



This instrument is executed under seal.

6/16/2009  
Date  
Jonathan R. Bachrach  
Inventor: Jonathan R. Bachrach  
Address: 1799 Spruce Street  
Berkeley, CA 94709  
Citizenship: US

STATE/~~COMMONWEALTH~~ OF California :  
COUNTY OF Alameda :

Sworn to and subscribed before me on this 16<sup>th</sup> day of June, 2009, under the pains  
and penalties of perjury under the laws of the United States of America.

SEAL Sarah C. Umbenhower  
Notary Public

My commission expires 04-05-2011

