

## 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>Marshall MEDOFF</td> <td>09/03/2013</td> </tr> <tr> <td>Thomas Craig MASTERMAN</td> <td>09/03/2013</td> </tr> <tr> <td>Jihan KHAN</td> <td>08/08/2013</td> </tr> <tr> <td>Christopher COOPER</td> <td>08/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	Marshall MEDOFF	09/03/2013	Thomas Craig MASTERMAN	09/03/2013	Jihan KHAN	08/08/2013	Christopher COOPER	08/08/2013
Name	Execution Date										
Marshall MEDOFF	09/03/2013										
Thomas Craig MASTERMAN	09/03/2013										
Jihan KHAN	08/08/2013										
Christopher COOPER	08/08/2013										
RECEIVING PARTY DATA											
Name:	XYLECO, INC.										
Street Address:	271 Salem Street										
Internal Address:	Unit L										
City:	Woburn										
State/Country:	MASSACHUSETTS										
Postal Code:	01801										
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>13934704</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13934704						
Property Type	Number										
Application Number:	13934704										
CORRESPONDENCE DATA											
Fax Number:	7819338189										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	781-933-8723										
Email:	patents@xyleco.com										
Correspondent Name:	Kathleen M. Bastarache										
Address Line 1:	Xyleco, Inc.										
Address Line 2:	271 Salelem Street, Unit L										
Address Line 4:	Woburn, MASSACHUSETTS 01801										
ATTORNEY DOCKET NUMBER:	00153-1US-A										
NAME OF SUBMITTER:	Kathleen M. Bastarache										

CH \$40.00 13934704

Signature:	/Kathleen M. Bastarache/
Date:	09/10/2013
Total Attachments: 4 source=00153-1US-A_ExecutedAssignment#page1.tif source=00153-1US-A_ExecutedAssignment#page2.tif source=00153-1US-A_ExecutedAssignment#page3.tif source=00153-1US-A_ExecutedAssignment#page4.tif	

## ASSIGNMENT

WHEREAS, we, **Marshall Medoff, Thomas Craig Masterman, Jihan Khan** and **Christopher Cooper**, have invented a certain improvement in **CONVERSION OF BIOMASS** described in an application for Letters Patent of the United States, the specification of which:

[ ] is being executed on even date herewith and is about to be filed in the U.S. Patent and Trademark Office (Attorney Docket No. \_\_\_\_\_);

[ X ] was filed on **July 3, 2013**, as Application No. **13/934,704** (Attorney Docket No. **00153-1US-A**);

[ ] was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_;

WHEREAS, **Xyleco, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of **Delaware** and having a usual place of business at **271 Salem Street, Unit L, Woburn, Massachusetts, 01801**, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest, including the right to sue for past infringement, in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including the right to claim priority to said application; and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the application number and filing date of said application when known. we hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their own expense and charges, including the execution of applications for patents in foreign countries, and the execution of

U.S. App. No. 13/934,704 (Attorney Docket No.: 00153-1US-A)

Inventors: Marshall Medoff, Thomas Craig Masterman, Jihan Khan and Christopher Cooper

Filed: July 3, 2013

Assignment

Page 2

substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States of America to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

Date: 9/3/13

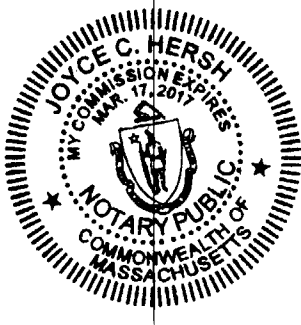
*Marshall Medoff*  
Name of Inventor: Marshall Medoff  
Address of Inventor: 90 Addington Road  
Brookline, MA 02445, US

State of Massachusetts )  
County of Middlesex ) ss.

Subscribed and sworn to before me by the above-named Marshall Medoff on  
September 3, 2013  
date

*Joyce C. Hersh*  
Notary Public Joyce C. Hersh  
My Commission Expires: March 17, 2017

(Seal)



Date: \_\_\_\_\_

*9/3/13*



Name of Inventor: Thomas Craig Masterman  
Address of Inventor: 26 Linden Street  
Brookline, MA 02445, US

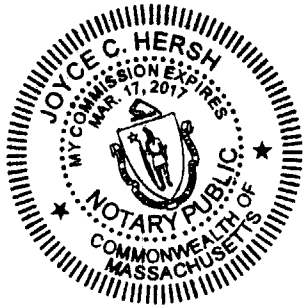
State of Massachusetts )

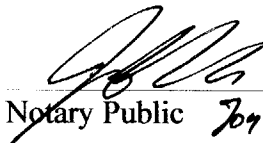
County of Middlesex )

) ss.

Subscribed and sworn to before me by the above-named Thomas Craig Masterman on  
September 3, 2013  
date

(Seal)



  
Notary Public Joyce C. Hersh

My Commission Expires: March 17, 2017

Date: August 08, 2013

Name of Inventor: Jihan Khan  
Address of Inventor: 1 Warwick Park, #2  
Cambridge, MA 02140, US

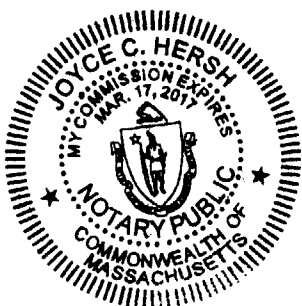
State of Massachusetts )

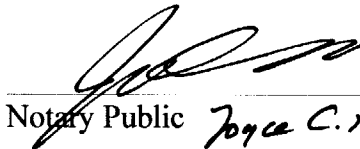
County of Middlesex )

) ss.

Subscribed and sworn to before me by the above-named Jihan Khan on  
August 8, 2013  
date

(Seal)



  
Notary Public Joyce C. Hersh

My Commission Expires: March 17, 2017

Date: August 8, 2013

Chris Cooper  
Name of Inventor: Christopher Cooper  
Address of Inventor: 96 New Street  
Rehoboth, MA 02769, US

State of Massachusetts )  
County of Middlesex ) ss.  
)

Subscribed and sworn to before me by the above-named Christopher Cooper on  
August 8, 2013  
date

Joyce C. Hersh  
Notary Public Joyce C. Hersh  
My Commission Expires: March 17, 2017

