

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Marshall Medoff	06/17/2009
RECEIVING PARTY DATA	
Name:	Xyleco, Inc.
Street Address:	271 Salem Street, Unil L
City:	Woburn
State/Country:	MASSACHUSETTS
Postal Code:	01801
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12486436
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	08895-0082001
NAME OF SUBMITTER:	Meredith A. Finch
Total Attachments: 2 source=088950082Assignment#page1.tif source=088950082Assignment#page2.tif	

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REEL: 023139 FRAME: 0542

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, MARSHALL MEDOFF, of Brookline, MA, hereby assign to XYLECO, INC., a corporation of Delaware, having a place of business at 271 Salem Street, Unit L, Woburn, MA 01801, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are described in (1) a utility application for United States Patent, entitled PROCESSING MATERIALS WITH ION BEAMS, filed on June 17, 2009, assigned U.S. Serial Number 12/486,436 and claiming priority from a provisional application for United States Patent, entitled PROCESSING BIOMASS, filed June 18, 2008, and assigned U.S. Serial Number 61/073,680, and/or in (2) a PCT application entitled PROCESSING MATERIALS WITH ION BEAMS, filed on June 17, 2009, assigned PCT Application Number PCT/US2009/047650 and claiming priority from the same provisional application for United States Patent; and I authorize and request the attorneys appointed in said utility and PCT applications to hereafter complete this assignment by inserting above serial number of said applications when known; this assignment including said utility and PCT applications, any and all United States and foreign patents, utility patents and models, continuations, continuations-in-part, divisionals, reexaminations, reissues, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said utility and/or PCT application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and this assignment also including, without limitation, any claims (known or unknown, suspected or unsuspected) of any nature that I have or may have against any party for infringement of any of the patents and patent applications listed herein, and the right to sue for past infringement and to recover and retain damages and profits in respect thereof; and


I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion and for inventors' certificates for said inventions and improvements; and

I hereby covenant and agree that I will communicate to the Assignee or nominees all facts known to me pertaining to said inventions and improvements, and I agree for myself and my respective heirs, legal representatives, and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, reissues, Preliminary Statements, and other lawful documents, testify in all legal proceedings, make all rightful oaths and declarations, and in general perform or cause to be performed all lawful acts necessary or proper to aid the Assignee or nominees in obtaining,

maintaining, and enforcing all lawful patent protection for the inventions and improvements in the United States and in foreign countries; and

I hereby covenant that I have the full right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

IN WITNESS WHEREOF, I hereto set my hand and seal at Boston,
this 17th day of June, 2009.

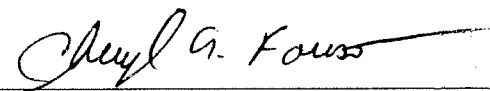

MARSHALL MEDOFF

State of MASSACHUSETTS:

: ss.

County of SUFFOLK :

Before me this 17th day of June, 2009, personally appeared Marshall Medoff known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


Cheryl A. Forrest, Notary Public
My Commission Expires: December 4, 2009

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