PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Karl Duncan Bishop	08/08/2008
Michael A. Bilodeau	08/08/2008
Susan G. Mackay	08/08/2008
Douglas M. Ruthven	08/08/2008

RECEIVING PARTY DATA

Name:	University of Maine System Board of Trustees
Street Address:	107 Maine Avenue
City:	Bangor
State/Country:	MAINE
Postal Code:	04401

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12124912

CORRESPONDENCE DATA

Fax Number: (617)526-5000

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Address Line 2: Jeanne Connelly

Address Line 4: BOSTON, MASSACHUSETTS 02109

ATTORNEY DOCKET NUMBER: 2200843.120US3

NAME OF SUBMITTER: Emily R. Whelan

Total Attachments: 6

PATENT REEL: 021390 FRAME: 0516

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> PATENT REEL: 021390 FRAME: 0517

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ASSIGNMENT

WHEREAS, we, Karl Duncan Bishop, being a citizen of the United States of America, residing at 26 Myrtle Street, Orono, Maine 04473; Michael A. Bilodeau, being a citizen of the United States of America, residing at 58 Craig Drive, Brewer, Maine 04412, Susan G. Mackay, being a citizen of the United States of America, residing at 1011 Olive Street, Veazie, Maine 04401; and Douglas M. Ruthven, being a citizen of the United States of America, residing at 1133 Bennoch Road, Old Town, Maine 04468, are joint inventors of certain new and useful inventions and discoveries, entitled "Zeolite Composite Materials for Waste Odor Control" also identified as Attorney Docket Number 2200843.120US3, the specification of which was filed with the United States Patent and Trademark Office as a utility patent application on May 21, 2008 and has been assigned Application No. 12/124,912.

WHEREAS, University of Maine System Board of Trustees, whose address is 107 Maine Avenue, Bangor Maine 04401, 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 and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including 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 Patents, reissues, 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;

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- 2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world 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;
- ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in my control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

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IN TESTIMONY W	HEREOF, I have hereur	ito set my hand ar	nd seal.	
8/8/08		alle		
Date	Karl D	uncan Bishop		
State of Maine)	,		
State of Main-e County of Penobs) scot)			
			the undersigned notary public,	
	- ·	-	through satisfactory evidence of	
•	•		ceding or attached document, a are truthful and accurate to the	
of his/her knowledge		or the document	are traumur and accurate to the	OCSE
J		0 1		
	· -	Capillia	Expires: 12/20/13	
]	Notary Public		
	1	My Commission E	expires: 12/20/2013	

IN TESTIMONY WHEREOF, I	I have hereputo set my hand and seal.
August 8, 2008	Michael A. Bilddeau
State of MainL)
State of MainL County of Penobscot)
personally appeared, Michael A. identification, to be the person w	Rilodeau, who proved to me through satisfactory evidence of hose name is signed on the preceding or attached document, and the contents of the document are truthful and accurate to the best
	Notary Public PROSERFINA D. BENNETT Notary Public Notary Public, Maine My Commission Expires: My Commission Expires April 19, 2009

IN TESTIMONY WHEREOF, I have	hereunto set my hand and seal.
8/8/2008	Sm Sycka
Date (/ S	Susan G. Mackay
State of Mane)	
County of Penonscot)	
personally appeared, Susan G. Mackay identification, to be the person whose n	st, 2008, before me, the undersigned notary public, y, who proved to me through satisfactory evidence of ame is signed on the preceding or attached document, and ontents of the document are truthful and accurate to the best
or morner and wrongs and serior.	Notary Public PROSERFINA D. BENNETT Notary Public, Maine My Commission Expires: My Commission Expires April 19, 2009

IN TESTIMONY WHEREOF, I have	e hereunto set my hand and seal.
Date Strang 2008	Douglas M. Ruthven
State of Maine County of Penobscot	
On this Sthat day of August personally appeared, Douglas M. Rut identification, to be the person whose	, 2008, before me, the undersigned notary public, thven, who proved to me through satisfactory evidence of name is signed on the preceding or attached document, and contents of the document are truthful and accurate to the best
	Notary Public My Commission Expires: 12/3/13

RECORDED: 08/14/2008