

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4365469

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EDWIN S. OLSON	04/12/2017
MICHAEL J. HOLMES	04/12/2017
RECEIVING PARTY DATA	
Name:	ENERGY & ENVIRONMENTAL RESEARCH CENTER FOUNDATION
Street Address:	15 NORTH 23RD STREET, PO BOX 9017
City:	GRAND FORKS
State/Country:	NORTH DAKOTA
Postal Code:	58202-9017
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15382114
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	request@slwip.com
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
Address Line 1:	P.O. BOX 2938
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0938
ATTORNEY DOCKET NUMBER:	3338.031US1
NAME OF SUBMITTER:	JACQUELINE PENNINGTON
SIGNATURE:	/Jacqueline Pennington/
DATE SIGNED:	04/12/2017
Total Attachments: 5	
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RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 3338.031US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Edwin S. Olson, Michael J. Holmes

Additional name(s) of conveying party(ies) attached?

Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: April 12, 2017, April 12, 2017

2. Name and address of receiving party(ies):

Name: Energy & Environmental Research Center
Foundation

Street Address: 15 North 23rd Street, PO Box 9017

City: Grand Forks State: ND Zip: 58202-9017
Country: United States of America

Additional name(s) & address(es) attached? Yes
 No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 15/382,114

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Nicholas P. Lanzatella

Address:

Schwegman Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

Enclosed

Authorized to be charged to deposit account
19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

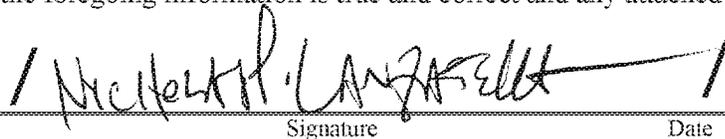
DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Nicholas P. Lanzatella/Reg. No. 63,803

Name of Person Signing



Signature

April 12, 2017

Date

Total number of pages including cover sheet: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 041986 FRAME: 0827

ASSIGNMENT
IP13-004CIP1

IN CONSIDERATION OF FOUR DOLLARS (\$4.00) cash in hand paid to me by the Energy & Environmental Research Center Foundation, the receipt and sufficiency of which are hereby acknowledged, I, ED OLSON ("ASSIGNOR"), having made an invention entitled "Promoted Ammonium Salt-Protected Activated Carbon Sorbent Particles for Removal of Mercury From Gas Streams", while in the employ either as an employee or consultant of the University of North Dakota Energy & Environmental Research Center, do hereby ASSIGN, SELL and CONVEY to the Energy & Environmental Research Center Foundation, a North Dakota corporation having a business address of 15 North 23rd Street, PO Box 9017, Grand Forks, ND 58202-9017 (sometimes hereinafter called "ASSIGNEE") its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention entitled "Promoted Ammonium Salt-Protected Activated Carbon Sorbent Particles for Removal of Mercury From Gas Streams."
2. United States of America patent application on said invention, filed concurrently herewith or as U.S. Patent Application No. 15/382,114 filed December 16, 2016 (Attorney's File No. 3338.031US1), entitled "Promoted Ammonium Salt-Protected Activated Carbon Sorbent Particles for Removal of Mercury From Gas Streams."
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world.
4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world.
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes.
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection.

7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States.
8. All international rights of priority associated with said invention, applications, patents and like protection.

I also covenant that I, and my heirs, legal representatives, assigns, administrators, and executors, will execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED on the date indicated below, opposite my signature.

ASSIGNOR

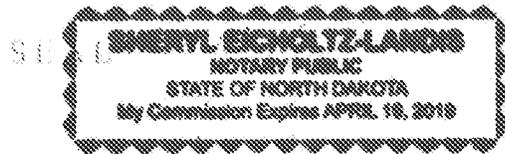
Date: 4-12-2017

Edwin S. Olson
[Ed Olson]

THE STATE OF NORTH DAKOTA
COUNTY OF GRAND FORKS

BEFORE ME, the undersigned authority, on this day personally appeared Edwin Olson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 12th day of April, 2017.



Sheryl Eicholtz-Landis
Notary Public in and for
the State of North Dakota

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ASSIGNMENT
IP13-004CIP1

IN CONSIDERATION OF FOUR DOLLARS (\$4.00) cash in hand paid to me by the Energy & Environmental Research Center Foundation, the receipt and sufficiency of which are hereby acknowledged, I, Michael Holmes ("ASSIGNOR"), having made an invention entitled "Promoted Ammonium Salt-Protected Activated Carbon Sorbent Particles for Removal of Mercury From Gas Streams", while in the employ either as an employee or consultant of the University of North Dakota Energy & Environmental Research Center, do hereby ASSIGN, SELL and CONVEY to the Energy & Environmental Research Center Foundation, a North Dakota corporation having a business address of 15 North 23rd Street, PO Box 9017, Grand Forks, ND 58202-9017 (sometimes hereinafter called "ASSIGNEE") its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention entitled "Promoted Ammonium Salt-Protected Activated Carbon Sorbent Particles for Removal of Mercury From Gas Streams."
2. United States of America patent application on said invention, filed concurrently herewith or as U.S. Patent Application No. 15/382,114 filed December 16, 2016 (Attorney's File No. 3338.031US1), entitled "Promoted Ammonium Salt-Protected Activated Carbon Sorbent Particles for Removal of Mercury From Gas Streams."
3. All applications for patent or like protection on said invention that have now been or may in the future be made by me or my legal representatives, including any continuation, continuation-in-part and any other utility applications that may be based on this invention, whether in the United States of America or any other place anywhere in the world.
4. All patents and like protection that have now been or may in the future be granted on said invention to me or my legal representatives, whether in the United States of America or in any other country or place anywhere in the world.
5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws and statutes.
6. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection.

7. The right in ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States.
8. All international rights of priority associated with said invention, applications, patents and like protection.

I also covenant that I, and my heirs, legal representatives, assigns, administrators, and executors, will execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

EXECUTED on the date indicated below, opposite my signature.

ASSIGNOR

Date: 4/12/17

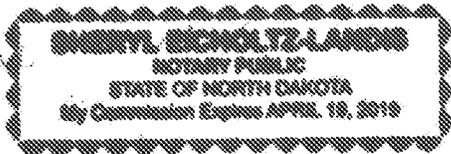

[Michael Holmes]

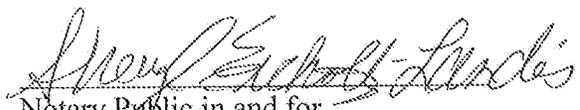
THE STATE OF NORTH DAKOTA
COUNTY OF GRAND FORKS

BEFORE ME, the undersigned authority, on this day personally appeared Michael Holmes, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the 12th day of April, 2017.

SEALED




Notary Public in and for
the State of North Dakota

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