

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL LYN MENGEL	07/19/2018
AMY P. EVANS	07/19/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MARSULEX ENVIRONMENTAL TECHNOLOGIES CORPORATION
<b>Street Address:</b>	200 N. SEVENTH STREET
<b>City:</b>	LEBANON
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	17046
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16019838
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(219)464-1166
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<b>Email:</b>	domenica@hartmanglobal-ip.com
<b>Correspondent Name:</b>	HARTMAN GLOBAL IP LAW
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<b>ATTORNEY DOCKET NUMBER:</b>	B8-5191
<b>NAME OF SUBMITTER:</b>	DOMENICA N.S. HARTMAN
<b>SIGNATURE:</b>	/Domenica N.S. Hartman/
<b>DATE SIGNED:</b>	07/20/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 4</b>	
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COMBINED DECLARATION AND ASSIGNMENT  
FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

**WET FLUE GAS DESULFURIZATION PROCESS AND APPARATUS**

- ☐ the specification of which is attached hereto OR
- ☒ United States application or PCT international application number 16/019,838 filed on June 27, 2018, claiming the benefit of US Provisional Application No. 62/528,239, filed July 3, 2017.

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) to Marsulex Environmental Technologies Corporation, a Pennsylvania corporation, and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
Michael	Lyn	Mengel	of	Fredericksburg	PA	US
Amy	P.	Evans	of	Harrisburg	PA	US

v9.18.12

hereby sell and assign to:

Name of Company: Marsulex Environmental Technologies Corporation
Entity Type (optional): Corporation
Address: 200 N. Seventh St., Lebanon, PA 17046 USA

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title
US	Utility	16/019,838	06/27/18	Wet Flue Gas Desulfurization Process and Apparatus

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter parties review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

INVENTOR 1

Signature: Michael Lyn Mengel  
**Michael Lyn Mengel**

Date: 7-19-18

Witnessed by: [Signature]  
Signature

Date: 7-19-18

Michael G. KETCHICK  
Printed Name of Witness

Witnessed by: Amy P. Evans  
Signature

Date: 7/19/2018

Amy P. EVANS  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

Michael Lyn Mengel

Date: 7-19-18

**Michael Lyn Mengel**

STATE OF Pennsylvania

COUNTY OF Lebanon

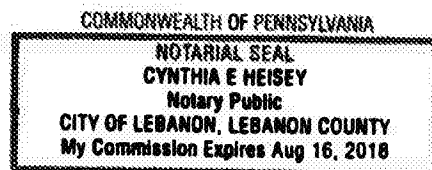
ss.

This 19 day of July, 2018 before me personally came the above-named **Michael Lyn Mengel**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Cynthia E. Heisey

(Notary Public)



INVENTOR 2

Signature: Amy P. Evans  
Amy P. Evans

Date: 7/19/2018

Witnessed by: Mark S. Dutches  
Signature

Date: 7-19-2018

MARK S. DUTCHES  
Printed Name of Witness

Witnessed by: Michael G. Ketchick  
Signature

Date: 7-19-18

Michael G. KETCHICK  
Printed Name of Witness

**SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY**

Amy P. Evans  
Amy P. Evans

Date: 7/19/2018

STATE OF Pennsylvania

ss.

COUNTY OF Lebanon

This 19 day of July, 2018 before me personally came the above-named Amy P. Evans, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Cynthia E Heisey

(Notary Public)

