505262637 01/04/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5309409

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CURTISS BIEHN	03/20/2018
RANDY GRIFFARD	02/21/2018
MARK DEGENOVA	02/21/2018
ERIC VAN RENS	06/22/2018

RECEIVING PARTY DATA

Name:	MISSISSIPPI LIME COMPANY	
Street Address:	3870 S. LINDBERGH BLVD., SUITE 200	
City:	ST. LOUIS	
State/Country:	State/Country: MISSOURI	
Postal Code: 63127		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15655201

CORRESPONDENCE DATA

Fax Number: (314)612-1301

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.

314-444-7600 Phone:

Email: ipdept@lewisrice.com

KIRK A. DAMMAN, LEWIS RICE LLC **Correspondent Name:** 600 WASHINGTON AVE., SUITE 2500 Address Line 1:

Address Line 2: **BOX IP DEPT**

Address Line 4: ST. LOUIS, MISSOURI 63101

ATTORNEY DOCKET NUMBER: 147/2605US	
NAME OF SUBMITTER:	BRIDGET WALTON
SIGNATURE: /Bridget Walton/	
DATE SIGNED:	01/04/2019

Total Attachments: 5

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> **PATENT** REEL: 047903 FRAME: 0107 505262637

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> PATENT REEL: 047903 FRAME: 0108

ASSIGNMENT

WHEREAS, WE, CURTISS BIEHN, RANDY GRIFFARD, MARK DEGENOVA and ERIC VAN RENS (hereinafter "ASSIGNORS"), have invented SYSTEMS AND METHOD FOR REMOVAL OF ACID GAS IN A CIRCULATING DRY SCRUBBER, filed with United States Patent Office as Utility Patent Application No. 15/655,201, filed on July 20, 2017.

AND, WHEREAS, MISSISSIPPI LIME COMPANY, a Missouri corporation, with an office located at 3870 S. Lindbergh Blvd., Suite 200, St. Louis, Missouri 63127 (hereinafter "ASSIGNEE"), is desirous of acquiring the entire rights, title and interest in and to said invention and all patent rights therefore;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, said ASSIGNORS, do hereby sell, assign, transfer and set over unto said ASSIGNEE, the entire rights, title and interest in and to said invention, including the right to claim priority from the United States application identified above, and in and to all Letters Patent and patent rights which may be granted or issued for said invention, in the United States and all foreign countries, and any reissue, reexamination, continuation, continuation-in-part, division, or extension thereof, the same to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this Assignment and sale had not been made; and we agree to execute such further applications, powers of attorney, assignments and other documents as may be necessary or desirable to effectuate this Agreement.

AND WE DO HEREBY authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent, when granted, to the said ASSIGNEE, its successors and assigns, as assignees of the entire right, title and interest in and to said invention, for the sole use and behalf of said ASSIGNEE, and for its successors and assigns, to the full ends of the terms for which Letters Patent may be granted.

AND we further grant to ASSIGNEE, its successors and assigns, the right to claim for any application for patent for said invention the full benefit of any international agreement between the United States and any foreign country or countries.

This Assignment may be signed in counterparts, each of which shall be deemed an original and each of which taken together shall constitute one assignment.

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PATENT REEL: 047903 FRAME: 0109

Date:_	3/20/18	Unhasil
	•	CURTISS BIEHN

STATE OF MISSOURE)

COUNTY OF St. LOWS)

On this 20th day of March, 2018, before me, a Notary Public, personally appeared CURTISS BIEHN, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.

Notary Public

My Commission Expires:



DRIANNE JOENSCH My Commission Expires August 7, 2021 St. Louis County Commission \$17180058

Date:	Card Dallette
	RANDY GŔIFŔAŖĎ

STATE OF WISSONS)
COUNTY OF Ste Genevieve)

On this day of _______, 2018, before me, a Notary Public, personally appeared RANDY GRIFFARD, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.

Notary Public

My Commission Expires:

DEBRA A KHARLE Hotsey Public 50th of Masseuri Countriesion & 12A14989 My Connession Equies 2020/2020



Date: 2/2///2

STATE OF MISSING) SS.
COUNTY OF Ste. (Sevented)

On this day of Ebruard, 2018, before me, a Notary Public, personally appeared MARK DEGENOVA, to me known to be the person named in and who executed the above Assignment, and acknowledged to me that he executed the same for the uses and purposes therein mentioned, as his own free act and deed.

My Commission Expires:



DEBRA A KRAENZLE Notary Public. State of Missouri County of ST. GENEVIEVE Commission # 12414989 My Commission Expires 2/22/2020

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CHERYL A. PRUITT
Notery Public, Notery See!
State of Missour!
St. Louis County
Commission # 14882491
Commission Expires 05-09-2022