PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN RYBA	02/12/2013
AARON P MURRAY	02/12/2013
DAN GASTALDO	02/21/2013
GULIZ ARF ELLIOTT	02/21/2013
EDWIN A SISSON	02/12/2013
EHSAN MOHARRERI	02/14/2013
KRISHNA SHARMA	02/21/2013

RECEIVING PARTY DATA

Name:	CHEMTEX ITALIA S.P.A.
Street Address:	STRADA RIBROCCA 11
City:	TORTONA
State/Country:	ITALY
Postal Code:	15057

PROPERTY NUMBERS Total: 13

Property Type	Number
Application Number:	61603217
Application Number:	61719486
Application Number:	61751919
Application Number:	61764611
Application Number:	61765402
PCT Number:	US2013027393
Application Number:	13775229
Application Number:	13775230
Application Number:	13775238
Application Number:	13775239
Application Number:	13775240
Application Number:	13775241
Application Number:	13775242

PATENT REEL: 034878 FRAME: 0460

503163632

CORRESPONDENCE DATA

Fax Number: (330)598-1827

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.

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Address Line 4: SHARON CENTER, OHIO 44273

ATTORNEY DOCKET NUMBER:	MOGHI
NAME OF SUBMITTER:	JEFFREY BANYAS
SIGNATURE:	/Jeffrey Banyas/
DATE SIGNED:	02/03/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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> PATENT REEL: 034878 FRAME: 0461

Docket No.	
Serial No.	
Filed:	

ASSIGNMENT

WHEREAS, We, Steven Ryba, Aaron P. Murray, Dan Gastaldo, Guliz Arf Elliott, Edwin A. Sisson, Ehsan Moharreri and Krishna Sharma of 2680 S. Medina Line Road, Wadsworth, OH 44281; 316 South Street, Chardon, OH 44024; 16441 Barriermore Avenue, Middleburg Heights, OH 44130; 7250 Honeydale Drive, Northfield Center, OH 44067; 2845 Woodhaven Drive, Medina, OH 44256; 74 Foster Dr., Willimantic, CT 06226 and 605 East Reagan Parkway, Apt. #65, Medina, OH 44256 respectively (ASSIGNORS), have invented certain improvements in CONTINUOUS PROCESS FOR CONVERSION OF LIGNIN TO USEFUL COMPOUNDS, and described in:

Serial No.	Executed on:	Serial No.	Executed on:
61/603,217	24 February 2012	PCT/US 2013/027393	22 February 2013
61/719,486	28 October 2012	13/775,229	24 February 2013
61/751 919	13 January 2013	13/775,230	24 February 2013
61/764,611	14 February 2013	13/775, 235	24 February 2013 24 February 2013
61/765, 402	15 February 2013	13/715/241	24 Gebivery 7013

WHEREAS, Chemtex Italia S.p.A.., of Strada Ribrocca 11, 15057 Tortona(AL), Italy, an Italian Corporation (ASSIGNEE) is desirous of acquiring the entire right, title and interest in and to said application and said invention described therein and any and all patents to be obtained therefor, all as hereinafter set forth:

NOW, THEREFORE, in consideration of good and valuable consideration including, but not limited to payment of legal and office filing fees with respect to the aforesaid patent application received by, or paid for on behalf of the undersigned, the undersigned does (do) hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any country based thereon, including the right to file said applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any country; and the undersigned hereby authorize(s) and request(s) the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns.

The undersigned further agree(s) to execute all divisional, continuing, substitute, improvement, extension, reissue and other patent applications in this or any foreign country relating to said application or invention and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to myself (ourselves), which the ASSIGNEE may deem necessary or desirable to make this Assignment fully effective including by way of example, but not of limitation, the following acts:

- Prompt execution of all lawful caths, affidavits and/or supplemental oaths required or deemed advisable by the ASSIGNEE to further the prosecution of any application or applications for letters patent relating to the subject matter of this Assignment;
- (2) To cooperate to the best of my (our) ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in interference, opposition, nullification or infringement proceedings involving the said invention or improvement, applications or patents or any of them.

The undersigned hereby authorize(s) said ASSIGNEE to insert in this Assignment the serial number(s) and filing date(s) of the above-identified application(s), along with any application(s) claiming priority therefrom, when known.

IN WITNESS WHEREOF, the undersigned has (have) hereunto set his (their) hand(s) and seal(s) on the date(s) set after his (their) signature(s).

WITNESS

(L.S.)

WITNESS

(L.S.)

Aaron P. Murray

WITNESS

(L.S.)

Dair Gastaldo

(L.S.)

WITNESS

(L.S.)

Aaron P. Murray

Date

2/12/13

Date

2/2/13

Date

Date

Date

Date

Date

Date

REEL: 034878 FRAME: 0462

	(L.S.) Edwin a Jessen	12-Feb 2013
WITNESS	Edwin A. Sisson	Date
	(L.S.)	7
WITNESS	Ehsan Moharreri	Date
	(L.S.)	02/21/2013
WITNESS	Krishna Sharma	Date

Docket No	
Serial No	
Filed	

ASSIGNMENT

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PCT/USZDIZ/027393	14 February 2018 22 February 2013	131775, 240	24 February 7012
13/775,229	24 February 2013	13/775, 241	24 February 2013
	3 .	131775.242	ZU Febluary 2012

WHEREAS. Chemtex Italia S.p.A... of Strada Ribrocca 11, 15057 Tortona(AL), Italy, an Italian corporation (ASSIGNEE) is desirous of acquiring the entire right, title and interest in and to said application and said invention described therein and any and all patents to be obtained therefor, all as hereinafter set forth:

NOW. THEREFORE, in consideration of good and valuable consideration including, but not limited to payment of legal and office filing fees with respect to the aforesaid patent application received by, or paid for on behalf of the undersigned, the undersigned does (do) hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any country based thereon, including the right to file said applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any country; and the undersigned hereby authorize(s) and request(s) the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns.

The undersigned further agree(s) to execute all divisional, continuing, substitute, improvement, extension, reissue and other patent applications in this or any foreign country relating to said application or invention and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to myself (ourselves), which the ASSIGNEE may deem necessary or desirable to make this Assignment fully effective including by way of example, but not of limitation, the following acts:

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IN WITNESS WHEREOF, the undersigned has (have) hereunto set his (their) hand(s) and seal(s) on the date(s) set after his (their) signature(s).

	(L.S.)	_
WITNESS	Steven Ryba	Date
- <u>-</u> -	(1S.)	
WITNESS	Aaron P. Murray	Date
	(L.S.)	
WITNESS	Dan Gastaldo	Date
	(1.5.)	
WITNESS	(L.S.) Guliz Arf Elliott	Date

WITNESS	Edwin A. Sisson	Date
WITNESS	(L.S.) Elisan Moharreri	-, 02/14/2013 Date
WITNESS	(L.S.) Krishna Sharma	. Date