504607480 10/24/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4654193

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT DONALD BARNICKI	04/20/2017
ROBERT THOMAS HEMBRE	04/20/2017
ELAINE BEATRICE MACKENZIE	04/25/2017
JOY LYNN LANINGHAM	04/25/2017
MICHAEL RICHARD LANINGHAM	04/20/2017
SHANE KIPLEY KIRK	04/21/2017
LARRY WAYNE BLAIR	04/21/2017
SUMIT CHAKRABORTY	04/20/2017
VENKATESWARLU BHAMIDI	04/20/2017

RECEIVING PARTY DATA

Name:	EASTMAN CHEMICAL COMPANY
Street Address:	200 SOUTH WILCOX DRIVE
City:	KINGSPORT
State/Country:	TENNESSEE
Postal Code:	37660

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15440056

CORRESPONDENCE DATA

Fax Number: (423)229-1239

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.

Phone: 423-229-8804

Email: aclifford@eastman.com

EASTMAN CHEMICAL COMPANY Correspondent Name:

Address Line 1: 200 SOUTH WILCOX DRIVE

Address Line 4: KINGSPORT, TENNESSEE 37660-5147

ATTORNEY DOCKET NUMBER: 86085US02

NAME OF SUBMITTER: MICHAEL K. CARRIER

SIGNATURE:	/Michael K. Carrier/
DATE SIGNED:	10/24/2017
Total Attachments: 14	
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ASSIGNMENT

For good and valuable consideration received, I/we, Scott Donald Barnicki, Robert Thomas Hembre, Elaine Beatrice Mackenzie, Joy Lynn Laningham, Michael Richard Laningham, Shane Kipley Kirk, Larry Wayne Blair, Sumit Chakraborty, Venkateswarlu Bhamidi, Guoxiong Hua, and John Derek Woollins, do hereby sell and assign to Eastman Chemical Company, a Delaware corporation having a place of business at Kingsport, Tennessee, its successors and assigns, the entire right, title, interest and priority rights in and to all of my/our inventions, discoveries and improvements disclosed in an application for Letters Patent for

METHOD FOR THE MANUFACTURE OF CYCLODODECASULFUR

executed by	Scott Donald Barnicki	the	<u>20</u> day of	APRIL	2017
executed by	Robert Thomas Hembre	the	<u>Zo</u> ^t day of	April	2017
executed by	Elaine Beatrice Mackenzie	the	day of		2017
executed by	Joy Lynn Laningham	the	15 day of	April	2017
executed by	Michael Richard Laningham	the	_ <u>∠</u> day of	April	2017
executed by	Shane Kipley Kirk	the	<u>₹/</u> day of	April_	2017
executed by	Larry Wayne Blair	the	2 day of	April	2017
executed by	Sumit Chakraborty	the	_20 th day of	April	2017
· executed by	Venkateswarlu Bhamidi	the	$20^{\rm ft}$ day of	April	2017
executed by	Guoxiong Hua	the	day of		2017
executed by	John Derek Woollins	the	day of	· · · · · · · · · · · · · · · · · · ·	2017

and all right, title and interest in and to Letters Patent and similar protective rights granted on said applications in the United States and other countries, as well as the right to claim any applicable priority rights arising from said applications under the terms of any applicable conventions, treaties, statutes or regulations, said applications to be filed and issued in the name of Eastman Chemical Company or its designee; and I/we agree to execute such documents as in the judgment of Eastman Chemical Company may be necessary to obtain any such patents and similar protective rights and vest and maintain the title thereto in Eastman Chemical Company or its designee; and I/we further agree that, upon request, but without expense to me/us, I/we shall furnish to Eastman Chemical Company or its designee any data, information, exhibits, memoranda, or other evidence in our possession relating to any of said

inventions, discoveries or improvements and to testify in any ex parte or inter partes legal proceedings relating to any of said inventions, discoveries, improvements, applications, patents or similar protective rights; and I/we authorize and request issuance of all Letters Patent and similar protective rights that may be granted on any of said applications, to the extent that and in such manner as such issuance shall be requested by Eastman Chemical Company or its designee. This document shall be governed, construed, and interpreted in all respects in accordance with the laws of the State of Tennessee, USA.

Signed this Zoth day of APRIL	lest Lonald James
	Scott Donald Barnicki
CERTIFICATE OF WITNESS I acknowledge that I was personally presend the above ass	ent and did see the above-named inventor, who is personally ignment on the date therein set forth.
Rebecca White (Type or Print Name of Witness)	(Signature of Witness)
410 Gazing Acres Dive, Nickels (Address of Witness)	suille, UA 2427/
CERTIFICATE OF WITNESS I acknowledge that I was personally present the above ass	ent and did see the above-named inventor, who is personally ignment on the date therein set forth.
(Type or Print Name of Witness)	(Signature of Witness)
ZSA RIDGEWAL DR. BLOWN (Address of Witness)	une, 12 37617

Signed this Zotat of April , 2017 Colect Thomas Hembre
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
(Type or Print Name of Witness) (Signature of Witness)
(Address of Witness)
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
Rebecca White (Signature of Witness) Rebecca White (Signature of Witness)
410 Gazing Acres Dive, Nickelsville, UA 2427/ (Address of Witness)
Signed this day of, 2017
Elaine Beatrice Mackenzie
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
(Type or Print Name of Witness) (Signature of Witness)
(Address of Witness)
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
(Type or Print Name of Witness) (Signature of Witness)
(Address of Witness)

Signed this 25 day of April , 2017 Joy Lynn Laningham Joy Lynn Laningham
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
Million Chapters
(Type or Print Name of Witness) (Signature of Witness)
(Address of Witness)
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
(Type or Print Name of Witness) (Signature of Witness)
(Address of Witness)
Signed this 20 day of April , 2017 Michael Richard Laningham
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
Achies alfabro Establish
(Type or Print Name of Witness) (Signature of Witness)
(Address of Witness)
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
Rebecca White (Type or Print Name of Witness) Rebecce White (Signature of Witness)
410 Grazing Acses Drive, Nickelsville, UA 2427/ (Address of Witness)

Signed this 20th day of April , 2017 Sumit Chaurab by Sumit Chaurab by
Sumit Chakraborty
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
Rebecca White (Type or Print Name of Witness) Kebecca White (Signature of Witness)
410 Grazing Acres Orive, Nickelsville, UP 2427/ (Address of Witness)
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
(Type or Print Name of Witness) (Signature of Witness)
(Address of Witness)
Signed this day of, 2017
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
Rebecca White Kelvecca White
410 Gazine Asces Live, Nickelsville, UA 2427/ (Address of Witness)
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
Ashicy cultiples
(Type or Print Name of Witness) (Signature of Witness)
284 Process OR Brownitte, The 37617 (Address of Witness)

Signed this 2/ day of April , 2017 Shane Kipley Kirk
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
Bety Fite Bety Fite
(Type or Print Name of Witness) (Signature of Witness)
200 South Wilcox Drive Kingsport, TN 37660 (Address of Witness)
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
ARKEY CLIFTORD
(Type or Print Name of Witness) (Signature of Witness)
(Address of Witness)
Signed this 2 day of April , 2017 Larry Wayne Blair
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
Betty Fite Bother Fite
(Type or Print Name of Witness) (Signature of Witness)
(Address of Witness)
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.
(Type or Print Name of Witness) (Signature of Witness)
(Type or Print Name of Witness) (Signature of Witness)
254 210021A4 02 81021011 (Address of Witness)

Docket: 86085US02 PATENT Signed this _____ day of _____, 2017 Guoxiong Hua **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) Signed this _____, 2017 John Derek Woollins **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.

CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness)

ASSIGNMENT

For good and valuable consideration received, I/we, Scott Donald Barnicki, Robert Thomas Hembre, Elaine Beatrice Mackenzie, Joy Lynn Laningham, Michael Richard Laningham, Shane Kipley Kirk, Larry Wayne Blair, Sumit Chakraborty, Venkateswarlu Bhamidi, Guoxiong Hua, and John Derek Woollins, do hereby sell and assign to Eastman Chemical Company, a Delaware corporation having a place of business at Kingsport, Tennessee, its successors and assigns, the entire right, title, interest and priority rights in and to all of my/our inventions, discoveries and improvements disclosed in an application for Letters Patent for

METHOD FOR THE MANUFACTURE OF CYCLODODECASULFUR

executed by	Scott Donald Barnicki	the	day of	2017
executed by	Robert Thomas Hembre	the	day of	2017
executed by	Elaine Beatrice Mackenzie	the $\underline{25}$	day of April	2017
executed by	Joy Lynn Laningham	the	day of	2017
executed by	Michael Richard Laningham	the	day of	2017
executed by	Shane Kipley Kirk	the	day of	2017
executed by	Larry Wayne Blair	the	day of	2017
executed by	Sumit Chakraborty	the	day of	2017
executed by	Venkateswarlu Bhamidi	the	day of	2017
executed by	Guoxiong Hua	the	day of	2017
executed by	John Derek Woollins	the	day of	2017

and all right, title and interest in and to Letters Patent and similar protective rights granted on said applications in the United States and other countries, as well as the right to claim any applicable priority rights arising from said applications under the terms of any applicable conventions, treaties, statutes or regulations, said applications to be filed and issued in the name of Eastman Chemical Company or its designee; and I/we agree to execute such documents as in the judgment of Eastman Chemical Company may be necessary to obtain any such patents and similar protective rights and vest and maintain the title thereto in Eastman Chemical Company or its designee; and I/we further agree that, upon request, but without expense to me/us, I/we shall furnish to Eastman Chemical Company or its designee any data, information, exhibits, memoranda, or other evidence in our possession relating to any of said

inventions, discoveries or improvements and to testify in any ex parte or inter partes legal proceedings relating to any of said inventions, discoveries, improvements, applications, patents or similar protective rights; and I/we authorize and request issuance of all Letters Patent and similar protective rights that may be granted on any of said applications, to the extent that and in such manner as such issuance shall be requested by Eastman Chemical Company or its designee. This document shall be governed, construed, and interpreted in all respects in accordance with the laws of the State of Tennessee, USA.

Signed this day of, 2017	
	Scott Donald Barnicki
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.	
(Type or Print Name of Witness)	(Signature of Witness)
(Address of Witness)	
CERTIFICATE OF WITNESS I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.	
(Type or Print Name of Witness)	(Signature of Witness)
(Address of Witness)	

Docket: 86085US02 **PATENT** Signed this _____ day of _____, 2017 Robert Thomas Hembre **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) Signed this 25 day of April, 2017 Elaine Beatrice Mackenge **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Signature of Witness) Todio Patil
(Type or Print Name of Witness) **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.

Michelle Lussiet Muchelle Zusuuc
(Type or Print Name of Witness)

120 Wordester St Springle H Ma 6151
(Address of Witness)

Signed this _____ day of _____, 2017 Joy Lynn Laningham **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) Signed this _____ day of ______, 2017 Michael Richard Laningham **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness)

Docket: 86085US02

PATENT

Docket: 86085US02 PATENT Signed this _____ day of _____, 2017 Shane Kipley Kirk **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) Signed this _____ day of _____, 2017 Larry Wayne Blair **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness)

(Address of Witness)

Docket: 86085US02 PATENT Signed this _____ day of _____, 2017 Sumit Chakraborty **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) Signed this _____ day of _____, 2017 Venkateswarlu Bhamidi **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.

(Signature of Witness)

(Type or Print Name of Witness)

(Address of Witness)

Docket: 86085US02 PATENT Signed this _____ day of _____, 2017 **Guoxiong Hua CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) Signed this _____ day of _____, 2017 John Derek Woollins **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth. (Type or Print Name of Witness) (Signature of Witness) (Address of Witness) **CERTIFICATE OF WITNESS** I acknowledge that I was personally present and did see the above-named inventor, who is personally known to me, duly execute the above assignment on the date therein set forth.

(Address of Witness)

(Signature of Witness)

(Type or Print Name of Witness)

RECORDED: 10/24/2017