PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Cristina M. Sircar	03/29/2013
Keith K. Aldous	03/21/2013
James J. Freeman	03/20/2013
Katy O. Goyak	03/20/2013

RECEIVING PARTY DATA

Name:	ExxonMobil Research and Engineering Company
Street Address:	1545 Route 22 East
Internal Address:	P.O. Box 900
City:	Annandale
State/Country:	NEW JERSEY
Postal Code:	08801-0900

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13803454

CORRESPONDENCE DATA

Fax Number: 9087303649

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: kimberly.m.shapiro@exxonmobil.com

Correspondent Name: ExxonMobil Research and Engineering Co.

Address Line 1: 1545 Route 22 East Address Line 2: P.O. Box 900

Address Line 4: Annandale, NEW JERSEY 08801-0900

ATTORNEY DOCKET NUMBER:	2013EM082
NAME OF SUBMITTER:	Robert A. Migliorini
	PATENT

502299839 REEL: 030156 FRAME: 0203

13803454

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Signature:	/Robert A. Migliorini/			
Date:	04/05/2013			
Total Attachments: 3 source=2013EM082 USSN 13-803454 Assignment#page1.tif source=2013EM082 USSN 13-803454 Assignment#page2.tif source=2013EM082 USSN 13-803454 Assignment#page3.tif				

PATENT REEL: 030156 FRAME: 0204

USSN 13/803,454 Filed: March 14, 2013

ASSIGNMENT INVENTORS:

Cristina M. Sircar

Keith K. Aldous

James J. Freeman

Katy O. Goyak

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to <u>ExxonMobil Research and Engineering Company</u> (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED's invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled.

entitled							
PRO	DUCTION OF NON	-CARCINOGEN	IC BRIGHTSTO	CK EXTR≜	CTS		
said application having been ex further identified as Case Num international conventions or tre	ber <u>RAM-1322</u>	, 21 & 29 and all rights of	day(s) of priority created !	March oy said appli	cation to	2013 , and be nder provisions o	àng f
 UNDERSIGNED a relating to obtaining patents : applications or substitutes there recording in the United States expedient. 	and the prosecution efore or registrations Patent and Trademan	thereof for said thereof, and any k Office and any	invention or in specific separate foreign patent of	provement, assignment fice that AS	and any o s of any o SIGNEE	of the above required in may deem neces	fred for ssary or
UNDERSIGNED apatent issued thereon, or any re UNDERSIGNED will coopera executing all documents and g	cissue or application ate with ASSIGNEE iving and producing	tor the reissue in to the best of the evidence in suppo-	ereon, becoming the ability of UNL on thereof.	DERSIGNE	I in the	matter of prepar	ing and
UNDERSIGNED as and foreign patents covering s and as entirely as the same wo	aid invention or imp uld have been held a	rovement and to s and enjoyed by Ur	est all rights then DERSIGNED if	this assign	ment and	sale had not been	n made.
5) UNDERSIGNED to executed the Declaration for the	ie above-referenced	patent application					
IN WITNESS WHEREOF, I	his assignment has	been executed by	UNDERSIGNE	D on the o	iate oppo	osite UNDERSIC	iNED's
NAME. Delle 3/29/13	inventor Cristina	<u>tiva Il</u> M. Sircar	1000 (1.8)	Witness	Jud_	(eledonia	
Dafe		Aidous					
Deale	Inventor	Freeman	(i.S)	Winness	······································		
Date	luventorKaty O.	Goyak	(LS):	Witness	<u></u>		·····
Date	Inventor		77.50	Witness			
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PATENT REEL: 030156 FRAME: 0205

Family Number:

2013EM082

USSN 13/803,454 Filed: March 14, 2013

ASSIGNMENT INVENTOR or INVENTORS:

Cristina M. Sircar

Keith K. Aldous

James J. Freeman

Katy O. Goyak

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PRODUCTION OF NON-CARCINOGENIC BRIGHTSTOCK EXTRACTS

said application having been executed	on the 20,	, 21 & 2	.9 day(s) of	March	2013 , and being
further identified as Case Number	RAM-1322	; and all rig	this of priority cre	ated by said application	under provisions of
international conventions or treaties.					

- 2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefore or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.
- 3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.
- 4) UNDERSIGNED agree(s) to perform upon ASSIGNEE's request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.
- 5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Date	Inventor (LS) Cristina M. Streat	Waness
Dase	Inventor (18) Keits K. Aldons	Witness
Date to March 2013	juventor James JFreeman (18)	www. Edem Marshal
Dam <u>31201203</u>	Inventor Kary O. Goyah	" Sole M. Marshall
Date	Inventor(IS)	Witness
Deste	inventor(1.8)	Witness
		Family Number: 2013EM082

USSN 13/803,454 Filed: March 14, 2013

ASSIGNMENT INVENTOR or INVENTORS:

Cristina M. Sircar

Keith K. Aldous

James J. Freeman

Katy O. Goyak

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PRODUCTION OF NON-CARCINOGENIC BRIGHTSTOCK EXTRACTS

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- 3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.
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IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Date	Inventor	_(LS)	Witness
Date 3/51/13	Cristina M. Sircar Inventor Late L. Guerra Keith K. Aldous	_(LS)	Witness and Jons
Date	James J. Freeman	_(LS)	Wiiness
Date	hresntor	_(LS).	Witness
Date	Inventor	_(LS)	Witness
Date]pventor	_(LS)	Witness
			Family Number: 2013EM082

PATENT REEL: 030156 FRAME: 0207

RECORDED: 04/05/2013