PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4401192

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
GRAHAM MORSE	02/27/2017
JONATHAN HENRY WILSON	03/28/2017
NICOLAS BLOUIN	03/27/2017
SOLENE BECHU	04/12/2017

RECEIVING PARTY DATA

Name:	MERCK PATENT GMBH		
Street Address:	reet Address: FRANKFURTER STRASSE 250		
City:	DARMSTADT		
State/Country:	GERMANY		
Postal Code:	64293		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15508010		

CORRESPONDENCE DATA

Fax Number: (703)243-6410

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: 703-243-6333 Email: mail@mwzb.com

Correspondent Name: MILLEN, WHITE, ZELANO & BRANIGAN-AEW

Address Line 1: 2200 CLARENDON BLVD.

Address Line 2: SUITE 1400

Address Line 4: ARLINGTON, VIRGINIA 22201

ATTORNEY DOOKET NUMBER	MEDOK 4500		
ATTORNEY DOCKET NUMBER:	MERCK-4562		
NAME OF SUBMITTER:	ASHLEY BROOKSHIRE		
SIGNATURE:	/Ashley Brookshire/		
DATE SIGNED:	05/05/2017		
	This document serves as an Oath/Declaration (37 CFR 1.63).		
	•		

Total Attachments: 4

PATENT REEL: 042259 FRAME: 0077

504354501

source=EXECUTED_DUAL_DEC_ASSIGNMENT#page1.tif
source=EXECUTED_DUAL_DEC_ASSIGNMENT#page2.tif
source=EXECUTED_DUAL_DEC_ASSIGNMENT#page3.tif
source=EXECUTED_DUAL_DEC_ASSIGNMENT#page4.tif

PATENT REEL: 042259 FRAME: 0078

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	FULLE	CLLERENE MIXTURES FOR USE IN ORGANIC ELECTRONIC DEVICES			
As the below nam	ed invente	or, I hereby declare that:			
This declaration		The attached application, or			
is directed to:	×	United States Application or PCT International Application number <u>PCT/EP2015/001595</u> filed on <u>03.08.2015</u>			
The above-identif	ied applica	ation was made or authorized to be made by me.			
I believe that I am	the origin	al inventor or an original joint inventor of a claimed invention in the application.			
AND WHEREAS	-				
hereinafter referre	f 6 d to as the	lerck Patent GmbH rankfurter Strasse 250 4293 Darmstadt / DE ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and cluding any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof,			
including any and	all renewa	als, reissues, reexaminations and extensions thereof.			
ASSIGNOR herebright, title and interest and all Letters Patthereof, and in and to accrue with respinyention, SAID A including any and which may be gran right to sue for dar arising from or apprenewals, reissues, representatives, in enjoyed the same,	by assigns, arest in and ent which it to any an oper to the aSSIGNEE all earlier mages occupertaining as ample a if the assignment of the assignment in the	ETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive it to said invention and patent(s), including any and all divisions and continuations thereof, and any may be granted therefor, including any and all renewals, reissues, reexaminations and extensions dall U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or filing or securing of patents in the United States and/or any countries foreign thereto concerning said is assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent for, including any and all renewals, reissues, reexaminations and extensions thereof, including the turning before the assignment, with all the rights, powers, privileges and advantages in anywise thereto, for and during the term or terms of any and all such Letters Patent, including any and all ations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and gament had not been made.			
and foreign countr	íes for saic	hereby agrees to execute all papers that may be necessary to file applications in the United States d invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to may be needed in connection with securing Letters Patents thereon.			
any and all division	ns and con	authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on tinuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.			
The unde assignment inform properly record thi	ation whic	ereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this the may be necessary or desirable in order for the United States Patent and Trademark Office to at.			
	11	N TESTIMONY WHEREOF this assignment is executed by ASSIGNOR			
fine or imprisonme	ent of not r	lge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by nore than five (5) years, or both.			
LEGAL NAME OF	F INVENT ORSE, Gr				
Signature:	ka.	Ann Date: 21 Fe 6 201/			
	·				

MILLEN, WHITE, ZELANO & BRANIGAN, P.C.
ATTORNEYS AT LAW
ARLINGTON COURTHOUSE PLAZA
2200 CLARENDON BOULEVARD | SUITE 1400 | ARLINGTON VA 22201
TELEPHONE: 703.243.6333 | FAX: 703.243.6410
EMAIL: MAIL@MWZB.COM

Effective, September 16, 2012

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	FULLERENE MIXTURES FOR USE IN ORGANIC ELECTRONIC DEVICES					
As the below named inventor, I hereby declare that:						
This declaration		The attached application, or				
is directed to:		United States Application or PCT International Application number <u>PCT/EP2015/001595</u> filed on <u>03.08.2015</u>				
The above-identif	fied applic	ation was made or authorized to be made by me.				
I believe that I am	the origin	nal inventor or an original joint inventor of a claimed invention in the application.				
AND WHEREAS						
	F 6	Aerck Patent GmbH Frankfurter Strasse 250 4293 Darmstadt / DE				
all patent(s) listed	l above, in	e ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and cluding any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, als, reissues, reexaminations and extensions thereof.				
ASSIGNOR here right, title and intrand all Letters Parthereof, and in an to accrue with res invention, SAID a including any and which may be graright to sue for darsising from or aprenewals, reissues representatives, in	by assigns, erest in and tent which do any ar pect to the ASSIGNE! I all earlier amages occupertainings, reexamir as ample	ETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive d to said invention and patent(s), including any and all divisions and continuations thereof, and any may be granted therefor, including any and all renewals, reissues, reexaminations and extensions and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or effling or securing of patents in the United States and/or any countries foreign thereto concerning said E, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent for, including any and all renewals, reissues, reexaminations and extensions thereof, including the curring before the assignment, with all the rights, powers, privileges and advantages in anywise thereto, for and during the term or terms of any and all such Letters Patent, including any and all nations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and ignment had not been made.				
AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with securing Letters Patents thereon.						
AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.						
The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document.						
	1	IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR				
		edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by more than five (5) years, or both.				
LEGAL NAME C						
Inventor: E	BLOUIN, 1					
Signature:	. 1000					

MILLEN, WHITE, ZELANO & BRANIGAN, P.C. ATTORNEYS AT LAW ARLINGTON COURTHOUSE PLAZA 2200 CLARENDON BOULEVARD | SUITE 1400 | ARLINGTON VA 22201 Telephone: 703.243.6333 | Fax: 703.243.6410

EMAIL: MAIL@MWZB.COM

Effective, September 16, 2012

PATENT REEL: 042259 FRAME: 0080

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention		RENE MIXTURES FOR USE IN ORGANIC ELECTRONIC DEVICES
As the below nam	ed invento	or, I hereby declare that:
This declaration		The attached application, or
is directed to:	13	United States Application or PCT International Application number <u>PCT/EP2015/001595</u> filed on <u>03.08.2015</u>
		ntion was made or authorized to be made by me.
		al inventor or an original joint inventor of a claimed invention in the application.
all patent(s) listed	d to as the above, inc	lerck Patent GmbH rankfurter Strasse 250 4293 Darmstadt / DE ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and eluding any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, als, reissues, reexaminations and extensions thereof.
ASSIGNOR herebright, title and interest and all Letters Patthereof, and in and to accrue with respinvention, SAID A including any and which may be grarright to sue for dar arising from or apprenewals, reissues, representatives, in	by assigns, arest in and ent which in any amoved to the assigned all earlier inted therefore agents occupertaining as ample as ample as	ETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive to said invention and patent(s), including any and all divisions and continuations thereof, and any may be granted therefor, including any and all renewals, reissues, reexaminations and extensions d all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or filing or securing of patents in the United States and/or any countries foreign thereto concerning said and its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent for, including any and all renewals, reissues, reexaminations and extensions thereof, including the arring before the assignment, with all the rights, powers, privileges and advantages in anywise thereto, for and during the term or terms of any and all such Letters Patent, including any and all actions and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and amment had not been made.
and foreign countr	ies for said	hereby agrees to execute all papers that may be necessary to file applications in the United States I invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to may be needed in connection with securing Letters Patents thereon.
AND AS any and all division	SIGNOR as and con	authorizes and requests the Commissioner of Patents and Trademarks to Issue a Letters Patent on tinuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.
The unde assignment inform properly record this	ation whic	ereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this h may be necessary or desirable in order for the United States Patent and Trademark Office to it.
	П	TESTIMONY WHEREOF this assignment is executed by ASSIGNOR
I hereby fine or imprisonme	acknowled nt of not n	lge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by nore than five (5) years, or both.
LEGAL NAME OF	F INVENT ECHU, Sol	
Signature:	annung di santa	

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
Arlington Courthouse Plaza
2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201
Telephone: 703.243.6333 | Fax: 703.243.6410
Email: Mail@mwzb.com

Effective, September 16, 2012

PATENT REEL: 042259 FRAME: 0081

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	FULLERENE MIXTURES FOR USE IN ORGANIC ELECTRONIC DEVICES					
As the below nam	ed invent	or, I hereby declare that:				
This declaration		The attached application,	or:			
is directed to:		United States Application 03.08.2015	or PCT Internation	al Applica	ation number PCT/EP2015/001595 filed on	
The above-identif	ied applic	ation was made or authoriz	ed to be made by me	à.		
I believe that I am	the origin	tal inventor or an original j	oint inventor of a cle	nimed inve	ention in the application.	
all patent(s) listed	ed to as the above, in		priority rights (U.S.	and foreig	le, and interest in and to said invention and man, divisions and continuations thereof,	
ASSIGNOR hereight, title and integral and all Letters Parthereof, and in an to accrue with resinvention, SAID including any and which may be graright to sue for data arising from or a prenewals, reissues representatives, in	by assigns erest in an tent which do any a pect to the ASSIGNE all earlier mages occupertaining, reexaminas ample	, sells, and transfers to ASS d to said invention and pate may be granted therefor, ind all U.S. (including provisiting or securing of paten E, its assigns and legal reproperty rights (U.S. and for, including any and all returning before the assignment thereto, for and during the nations and extensions thereto.	SIGNEE, its assigns, ent(s), including any and all sional) or foreign pris in the United Stateses that we seem that the right of the use and leafl intents and purp	and legal and all di renewals, iority and es and/or hold, exel continua examination, y and all socnefit of	of whereof is hereby acknowledged, representatives, the entire and exclusive existence and continuations thereof, and any reissues, reexaminations and extensions for convention rights or benefits accruing or any countries foreign thereto concerning said roise, and enjoy said invention and patent, tions thereof, any and all Letters Patent ions and extensions thereof, including the aprivileges and advantages in anywise such Letters Patent, including any and all ASSIGNEE and its assigns and legal e ASSIGNOR might or could have held and	
and foreign count	ries for sa		he same to said ASS	IGNEE, i	ry to file applications in the United States ts assigns and legal representatives and to ents thereon.	
					nd Trademarks to issue a Letters Patent on representatives, in accordance herewith.	
The uncassignment inform properly record the	nation wh	ch may be necessary or de-	of Millen, White, 2 sirable in order for th	Celano & J ne United	Branigan, P.C. the power to insert on this States Patent and Trademark Office to	
		IN TESTIMONY WHERE	OF this assignment	is execute	d by ASSIGNOR	
		edge that any willful false s more than five (5) years, o		is declarat	tion is punishable under 18 U.S.C. 1001 by	
LEGAL NAME O		TOR Jonathan Henry	• " .	Date:	28th MARCH 2017	
	/			- Luisie	- 11/10/1 2011	
Signature:	/ /					

Millen, White, Zelano & Branigan, P.C.
Attorneys at Law
Arlington Courthouse Plaza
2200 Clarendon Boulevard | Suite 1400 | Arlington VA 22201
Telephone: 703.243.6333 | Fax: 703.243.6410
Email: mail@mwzb.com

Effective, September 16, 2012.

PATENT REEL: 042259 FRAME: 0082

RECORDED: 05/05/2017