504579768 10/04/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4626479

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVE HUI	09/25/2017
MICHAEL STEPHEN WOLFE	09/25/2017
HOWARD DAVID GLICKSMAN	09/21/2017
HAIXIN YANG	09/25/2017

RECEIVING PARTY DATA

Name:	E.I. DU PONT DE NEMOURS AND CO.
Street Address:	974 CENTRE ROAD, P.O. BOX 2915
City:	WILMINGTON
State/Country:	UNITED STATES
Postal Code:	19805

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15724378

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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: 703-836-6400 Email: email@oliff.com **Correspondent Name:** JAMES A. OLIFF **OLIFF PLC** Address Line 1:

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	177310
NAME OF SUBMITTER:	PAMELA BALLARD
SIGNATURE:	/Pamela Ballard/
DATE SIGNED:	10/04/2017

Total Attachments: 8

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ASSIGNMENT

	Insert	(1)	Dave HUI	(2)	Michael Stephes WOLFE
(1-8)	Legal Nume(s)	(3)	Howard David GLICKSMAN	(4)	Haixin YANG
	of Inventor(s)	(5)		(6)	
		(7)		(8)	
(9)	Insert Name of Assignee	the und	derstion of the sum of one dollar (\$1.00) and orsigned, the receipt and sufficiency of which and hereby does assign, transfer and set over B. I. du Post do Nemours and Co.	are h	good and valuable consideration paid to each of trafty acknowledged, each undersigned agrees to
(10)	nsognee Insert Address of Assignce	(10)	974 Centre Road, P.O. Box 2915, Wilmin	osen l	Gelament 108AS
		the entu inventio continus	 night, take and interest for the United States and in all applications for patent including 	of Ar any a licatio	nd all provisional, non-provisional, divisional, n(s), and all Loners Patent, extensions, referre-
(11)	Insert Identification such as Title, Case	(11)	summande ces aucustes inzi testa se Steuesd ci.	the sr	negion krond W
	Number, er Foreign Application Number	(Attor	ney Docket No. 177310), i	ited on even date herewith or as
(12)	Alternative	(12)	U.S. Application Number		
	Identification for		***************************************	********	
	filed spulications	filed	· · · · · · · · · · · · · · · · · · ·		

- Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assigner may deem necessary.
- Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is hinding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may to necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and are aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I horeby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date | Dave HUI | Dave HUI |

Date | Inventor Signature | (SEAL) |

Michael Stephen WOLFE | (SEAL) |

Date | Inventor Signature | (SEAL) |

Howard David GLICKSMAN |

Date | Inventor Signature | (SEAL) |

Haixin YANG | Haixin YANG |

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date | Witness

Witness

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ASSIGNMENT

	ansert	())	Dave HUI	(2)	Michael Stephen WOLFE
(1-8)	Legal Name(s)	(3)	Howard David GLICKSMAN	(4)	Haixin YANG
	of inventor(s)	(5)	120.000.0000	(6)	
		(7)		(8)	
		me una	ideration of the sum of one dollar (\$1.8) craigned, the receipt and sufficiency of and hereby does assign, transfer and set	which are he	good and valuable consideration paid to each of reby acknowledged, each undersigned agrees to
(9)	Issert Name of Assignee	(9)	E. L du Pout de Nemeurs and Co.		
(19)	Issert Address of Assignee	(10)	974 Cenue Road, P.O. Box 2915, W		Xulaume 19803
		inventio continu	w right, two and interest for the United of, and in all applications for patent incl	States of Am uding any an te application	a. successors, assigns and legal representatives, terios as defined in 35 U.S.C. §100, in the aid all provisional, non-provisional, divisional, n(s), and all Letters Patent, extensions, reissues vention known as
(11)	Insert Identification such as Title, Case Number, or Foreign	(11)		***************************************	
	Application Number	(Attor	ney Ducket No. 177310), f	iled on even date herewith or as
(12)	Alternative	(12)	U.S. Application Number		
	Identification for		***************************************	***************************************	
	Gled applications	filed	dsammin		

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date		Inventor Signature		(SEAL)
Date	7/25/2017	laventor Signature	Michael Stephen WOLFE	(SEAL)
Date		Inventor Signature	Howard David GLICKSMAN	(SEAL)
Date		Inventor Signature	Haixin YANG	(SEAL)
either,	This assignment should preferably be signed befine it should be signed before at least two witner	ore: (a) a Notary Public sees who also sign here	Souther as seen as	.s.a. if
Date		Witness		
Date		Witness		

ASSIGNMENT

	Insert	(1)	Dave Hill	(2)	Michael Stephen WOLFS
(8-1)	Legal Name(a)	(3)	Howard David GLICKSMAN	(4)	Heixin YANG
	of inventor(s)	(5)		(6)	
		(7)		(8)	
		5000 3000	sideration of the sum of one dollar (\$1.0 deraigned, the receipt and sufficiency of , and hereby does assign, transfer and se	583360 are	or good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to
(9)	insert Name of Assignee	(9)	E. I. du Pont de Namours and Co.		
(10)	insert Address of Assigner	(10)	974 Centre Road, P.O. Box 2915, Wi	imington, l	Odawan 19805
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5) Bach undersigned authorizes and requests the Commissioner of the U.S. Patent and Tradomark Office to issue any and all patents.

resulting from said application(s) to the said Assignee as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in coulific herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

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in witness whereof, executed by the undersigned on the date(s) apposite the undersigned name(s).

PATENT

REEL: 043781 FRAME: 0286

Date	Investor Signature	(SEAL)
	Dave HUI	
Date	Inventor Signature	(SEAL)
	Michael Stephen WOLFE	
Date	9/31/17 Inventor Signature 24/01	(SEAL)
	Howard David GLICKSMAN	
Date	isventor Signsture	Seal)
	SMAY niziri	
ssither,	This assignment should preferably be signed before: (2) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. (c) a U.S. Consul if outside the U.S.A. (b) a U.S. Consul if outside the U.S.A. (c) a U.S. Consul if outside the U.S.A. (c) a U.S. Consul if outside the U.S.A. (d) a U.S. (d) a U.).8.A _. H
Date	Witness	
)atc	Witness	

ASSIGNMENT

	Insert	(1)	Dave HUI	(2)	Michael Stephen WOLFE
(1-8)	Legal Name(s)	(3)	Howard David GLICKSMAN	(4)	Haixin YANG
	of Inventor(s)	(5)		(6)	
		(7)		(8)	
	#_000_1360	the und	ideration of the sum of one dollar (\$1.0 ersigned, the receipt and sufficiency of and hereby does assign, transfer and se	which are he	good and valuable consideration paid to each of treby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9)	E. I. du Pont de Nemours and Co.		
(10)	Insert Address of Assignee	(10)	974 Centre Road, P.O. Box 2915, V	Vilmington, I	
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(11)	Insert Identification such as Title, Case Number, or Foreign	(11)		······································	
	Application Number	(Attor	ney Docket No. 177310), f	iled on even date herewith or as
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	filed applications	filed			
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Date		lavester Signature		(SEAL)
			Dave HUI	
Date		inventur Signature		(SEAL)
			Michael Stephan WOLFE	
Date		laventor Signature		(SEAL)
			Howard David GLICKSMAN	
Date	<u>September 25,2017</u>	inventor Signature	Howarden	(Seal)
			Haixin YANG	
neither,	This assignment should preferably be signed be than it should be signed before at least two with	forc: (a) a Notary Public isses who also sign here:	if within the U.S.A. (b) a U.S. Consul if outside the U.S.	S.A. If
Date		Witness		***************************************
Date		Wist mone		