

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT4072651

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MILTON STANLEY BERNARD	01/02/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE DREXEL CHEMICAL COMPANY
<b>Street Address:</b>	P.O. BOX 13327
<b>City:</b>	MEMPHIS
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	38113
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15118232
<b>CORRESPONDENCE DATA</b>	
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<i>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.</i>	
<b>Phone:</b>	202-408-4000
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<b>Correspondent Name:</b>	FINNEGAN, HENDERSON, FARABOW, GARRETT &
<b>Address Line 1:</b>	901 NEW YORK AVENUE, NW
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<b>ATTORNEY DOCKET NUMBER:</b>	12383.0006-00000
<b>NAME OF SUBMITTER:</b>	LISA TKACH
<b>SIGNATURE:</b>	/Lisa Tkach/
<b>DATE SIGNED:</b>	09/28/2016
<b>Total Attachments: 2</b>	
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source=12383_0006_00_ASSIGNMENT#page2.tif	

**ASSIGNMENT**

WHEREAS I, the below named inventor, [hereinafter referred to as Assignor], have made an invention entitled:

**COMPOSITIONS AND METHODS FOR IMPROVING SEED QUALITY**

for which I filed an application for United States Letters Patent on February 28, 2014, Application No. 61/946,680; and

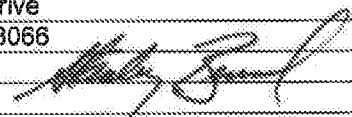
WHEREAS, The Drexel Chemical Company, having a place of business at P.O. Box 13327, Memphis, Tennessee 38113-0327 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

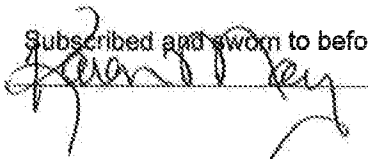
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, including utility applications, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

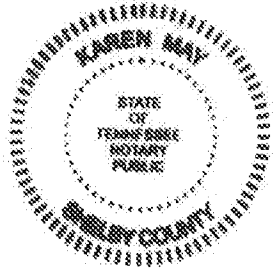
AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hands.

County of <u>Shelby</u> )	) ss.	Name: <u>Stanley Bernard</u>
)		Address: <u>1060 Linwood Drive</u>
)		<u>Rossville, TN 38066</u>
State of <u>Tennessee</u> )		By: 
)		Date: <u>March 14, 2014</u>

Subscribed and sworn to before me this 14th day of March, 2014  
 Notary Public

My Commission Expires  
**August 26, 2017**



**ASSIGNMENT**

WHEREAS I, the below named inventor (hereinafter referred to as Assignor), have made an invention entitled:

**COMPOSITIONS AND METHODS FOR IMPROVING SEED QUALITY**

for which I executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on December 23, 2014 (Provisional Application No. 62/096,228); and;

WHEREAS, The Drexel Chemical Company, having a place of business at P.O. Box 13327, Memphis, Tennessee 38113-0327 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in any foreign country on the basis of the above provisional application (if any), as well as all rights to claim priority on the basis of this application in any foreign country, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

County of <u>Shelby</u> )	) ss.	Name: <u>Milton Stanley Bernard</u>
State of <u>Tennessee</u> )		Address: <u>1060 Linwood Drive</u> <u>Rossville, TN 38066</u>
		By: <u>[Signature]</u>
		Date: <u>[Signature]</u>

Subscribed and sworn to before me this 2<sup>nd</sup> day of January 15  
Karen May, Notary Public

My Commission Expires  
August 26, 2017

