

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>T. Joseph DENNES</td><td>05/03/2013</td></tr><tr><td>Michael P. PERRY</td><td>05/02/2013</td></tr></tbody></table>	Name	Execution Date	T. Joseph DENNES	05/03/2013	Michael P. PERRY	05/02/2013					
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T. Joseph DENNES	05/03/2013										
Michael P. PERRY	05/02/2013										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>E. I. du Pont de Nemours and Company</td></tr><tr><td>Street Address:</td><td>1007 Market Street</td></tr><tr><td>City:</td><td>Wilmington</td></tr><tr><td>State/Country:</td><td>DELAWARE</td></tr><tr><td>Postal Code:</td><td>19898</td></tr></table>	Name:	E. I. du Pont de Nemours and Company	Street Address:	1007 Market Street	City:	Wilmington	State/Country:	DELAWARE	Postal Code:	19898	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13420158</td></tr></tbody></table>	Property Type	Number	Application Number:	13420158							
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Application Number:	13420158										
CORRESPONDENCE DATA											
Fax Number: 3026581192 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 3029846000											
Email: jsafran@potteranderson.com											
Correspondent Name: Jeffrey B. Safran											
Address Line 1: 1313 N. Market Street											
Address Line 2: Potter Anderson and Corroon LLP											
Address Line 4: Wilmington, DELAWARE 19801											
ATTORNEY DOCKET NUMBER:	MD6682 US NA										
NAME OF SUBMITTER:	Jeffrey B. Safran										
Signature:	/Jeffrey B. Safran/										
Date:	05/03/2013										
Total Attachments: 2 source=MD6682USNA_EXECUTEDAssignment#page1.tif source=MD6682USNA_EXECUTEDAssignment#page2.tif											

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PATENT
REEL: 030349 FRAME: 0020

ASSIGNMENT

We, the undersigned, **T. Joseph DENNES** and **Michael P. PERRY**

Hereby declare that

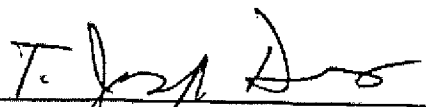
We are the true and first inventors of an invention entitled **Methods For Improved DNA Release From Binding Substrates And/Or Decreasing PCR Inhibition In Pathogen Detection**

and which is disclosed in United States Patent Application No. 13/420,158 filed on March 14, 2012 (and which is identified as Case Number MD6682 US NA)

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto **E. I. du Pont de Nemours and Company**, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) to file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.


T. Joseph Dennes (L.S)

Michael P. Perry (L.S)

DATE: 5/3/2013

DATE: _____

ASSIGNMENT

We, the undersigned, **T. Joseph DENNES** and **Michael P. PERRY**

Hereby declare that

We are the true and first inventors of an invention entitled **Methods For Improved DNA Release From Binding Substrates And/Or Decreasing PCR Inhibition In Pathogen Detection**

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T. Joseph Dennes (L.S)

Michael P. Perry (L.S)

DATE: _____

DATE: 5/2/13