

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>KEVIN MICHAEL CROKER</td> <td>01/10/2006</td> </tr> <tr> <td>MICHAEL B. DAMORE</td> <td>01/10/2006</td> </tr> <tr> <td>KOSTANTINOS KOURTAKIS</td> <td>02/09/2006</td> </tr> <tr> <td>MICHAEL P. PERRY</td> <td>02/09/2006</td> </tr> <tr> <td>JAMES M. PROBER</td> <td>02/09/2006</td> </tr> <tr> <td>PAUL DOUGLAS STULL</td> <td>02/09/2006</td> </tr> </tbody> </table>		Name	Execution Date	KEVIN MICHAEL CROKER	01/10/2006	MICHAEL B. DAMORE	01/10/2006	KOSTANTINOS KOURTAKIS	02/09/2006	MICHAEL P. PERRY	02/09/2006	JAMES M. PROBER	02/09/2006	PAUL DOUGLAS STULL	02/09/2006
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PAUL DOUGLAS STULL	02/09/2006														
RECEIVING PARTY DATA															
Name:	E. I. DU PONT DE NEMOURS AND COMPANY														
Street Address:	1007 MARKET STREET														
Internal Address:	LEGAL-PATENTS														
City:	WILMINGTON														
State/Country:	DELAWARE														
Postal Code:	19898														
PROPERTY NUMBERS Total: 1															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11284155</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11284155										
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Application Number:	11284155														
CORRESPONDENCE DATA															
Fax Number:	(302)992-4773														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	(302) 992-2973														
Email:	CAROL.A.REEDER@USA.DUPONT.COM														
Correspondent Name:	S. NEIL FELTHAM														
Address Line 1:	4417 LANCASTER PIKE														
Address Line 2:	LEGAL-PATENTS														
Address Line 4:	WILMINGTON, DELAWARE 19805														
ATTORNEY DOCKET NUMBER:	CL3155USNA														

CH \$40.00 11284155

PATENT

500085172

REEL: 017306 FRAME: 0699

NAME OF SUBMITTER:

CAROL REEDER

Total Attachments: 1

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ASSIGNMENT

We, the undersigned

**KEVIN MICHAEL CROKER, MICHAEL B. DAMORE,
KOSTANTINOS KOURTAKIS, MICHAEL P. PERRY,
JAMES M. PROBER, PAUL DOUGLAS STULL**

Hereby declare that

We are the true and first inventors of an invention entitled
**NANOPARTICLE COMPOSITE-COATED GLASS MICROSPHERES FOR USE
IN BIOASSAYS**

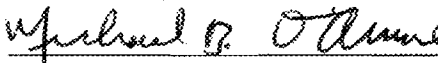
and which is disclosed in United States Patent Application No. 11/284,155 filed on **November 21, 2005** (and which is identified as Case Number **CL3155USNA**).

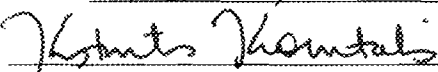
For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

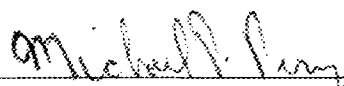
I. Sell, assign, and transfer unto **E. I. DU PONT DE NEMOURS AND COMPANY**, a corporation organized and existing under the laws of State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole 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

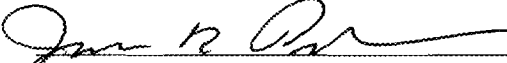
II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said 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.


 (L.S.)
KEVIN MICHAEL CROKER
DATE: 1/19/06

 (L.S.)
MICHAEL B. DAMORE
DATE: Feb 10, 2006

 (L.S.)
KOSTANTINOS KOURTAKIS
DATE: February 9, 2006

 (L.S.)
MICHAEL P. PERRY
DATE: 2/9/06

 (L.S.)
JAMES M. PROBER
DATE: 2/9/06

 (L.S.)
PAUL DOUGLAS STULL
DATE: 2/9/06