

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>THOMAS FOO</td> <td>01/16/2009</td> </tr> <tr> <td>CHRISTOPHER P. JUNK</td> <td>01/21/2009</td> </tr> <tr> <td>MARK ANDREW HARMER</td> <td>01/16/2009</td> </tr> <tr> <td>BERLYN R. MELLEIN</td> <td>01/16/2009</td> </tr> <tr> <td>KEITH W. HUTCHENSON</td> <td>01/16/2009</td> </tr> <tr> <td>AARON MINTER</td> <td>01/16/2009</td> </tr> </tbody> </table>		Name	Execution Date	THOMAS FOO	01/16/2009	CHRISTOPHER P. JUNK	01/21/2009	MARK ANDREW HARMER	01/16/2009	BERLYN R. MELLEIN	01/16/2009	KEITH W. HUTCHENSON	01/16/2009	AARON MINTER	01/16/2009
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AARON MINTER	01/16/2009														
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>12328057</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12328057										
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Application Number:	12328057														
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														
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ATTORNEY DOCKET NUMBER:	CL4180USNA														

CH \$40.00 12328057

PATENT

NAME OF SUBMITTER:

CAROL REEDER

Total Attachments: 1

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ASSIGNMENT

We, the undersigned

THOMAS FOO, MARK ANDREW HARMER, KEITH W.
HUTCHENSON, CHRISTOPHER P. JUNK, BERLYN R. MELLEIN,
AARON MINTER

Hereby declare that

We are the true and first inventors of an invention entitled

N-SUBSTITUTED PYRROLIDONIUM IONIC LIQUIDS

and which is disclosed in United States Patent Application No. 12/328057 filed on December 04, 2008 (and which is identified as Case Number CL4180USNA).

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.

Thomas Foo (L.S.)
THOMAS FOO
DATE: Jan 16, 2009

Mark Andrew Harmer (L.S.)
MARK ANDREW HARMER
DATE: Jan 16, 2009

Keith W. Hutchenson (L.S.)
KEITH W. HUTCHENSON
DATE: 16-Jan-2009

Christopher P. Junk (L.S.)
CHRISTOPHER P. JUNK
DATE: Jan. 21, 2009

Berlyn R. Mellein (L.S.)
BERLYN R. MELLEIN
DATE: 01/16/2009

Aaron Minter (L.S.)
AARON MINTER
DATE: 01/16/2009