

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<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>VELLIYUR NOTT MALLIKARJUNA RAO</td> <td>11/03/2003</td> </tr> <tr> <td>SHEKHAR SUBRAMONEY</td> <td>10/31/2003</td> </tr> <tr> <td>H. DAVID ROSENFELD</td> <td>11/03/2003</td> </tr> <tr> <td>MARIO J. NAPPA</td> <td>10/31/2003</td> </tr> <tr> <td>ALLEN C. SIEVERT</td> <td>10/31/2003</td> </tr> <tr> <td>MUNIRPALLAM APPADORAI SUBRAMANIAN</td> <td>10/31/2003</td> </tr> </tbody> </table>		Name	Execution Date	VELLIYUR NOTT MALLIKARJUNA RAO	11/03/2003	SHEKHAR SUBRAMONEY	10/31/2003	H. DAVID ROSENFELD	11/03/2003	MARIO J. NAPPA	10/31/2003	ALLEN C. SIEVERT	10/31/2003	MUNIRPALLAM APPADORAI SUBRAMANIAN	10/31/2003
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ALLEN C. SIEVERT	10/31/2003														
MUNIRPALLAM APPADORAI SUBRAMANIAN	10/31/2003														
<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	E. I. DU PONT DE NEMOURS AND COMPANY														
<b>Street Address:</b>	1007 MARKET STREET														
<b>Internal Address:</b>	LEGAL-PATENTS														
<b>City:</b>	WILMINGTON														
<b>State/Country:</b>	DELAWARE														
<b>Postal Code:</b>	19898														
<b>PROPERTY NUMBERS Total: 1</b>															
<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><b>PCT Number:</b></td> <td>US0326331</td> </tr> </tbody> </table>		Property Type	Number	<b>PCT Number:</b>	US0326331										
Property Type	Number														
<b>PCT Number:</b>	US0326331														
<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(302)992-4773														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
<b>Phone:</b>	(302) 992-2973														
<b>Email:</b>	CAROL.A.REEDER@USA.DUPONT.COM														
<b>Correspondent Name:</b>	DAVID E. HEISER														
<b>Address Line 1:</b>	4417 LANCASTER PIKE														
<b>Address Line 2:</b>	LEGAL-PATENTS														
<b>Address Line 4:</b>	WILMINGTON, DELAWARE 19805														
<b>NAME OF SUBMITTER:</b>	CAROL REEDER														

CH \$40.00 US0326331

**PATENT**

**REEL: 016109 FRAME: 0816**

Total Attachments: 1  
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# ASSIGNMENT

We, the undersigned

**VELLIYUR NOTT MALLIKARJUNA RAO, H. DAVID ROSENFELD,  
ALLEN C. SIEVERT, SHEKHAR SUBRAMONEY, MARIO J. NAPPA,  
MUNIRPALLAM APPADORAI SUBRAMANIAN**

Hereby declare that

We are the true and first inventors of an invention entitled

**PROCESSES FOR THE PREPARATION OF  
2-CHLORO-1,1,1,2,3,3,3-HEPTAFLUOROPROPANE,  
HEXAFLUOROPROPENE AND 1,1,1,2,3,3,3-HEPTAFLUOROPROPANE**

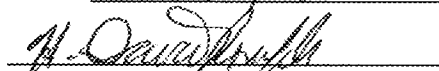
and which is disclosed in United States Patent Application No. PCT/US03/26331 filed on August 21, 2003 (and which is identified as Case Number CL2108 PCT).

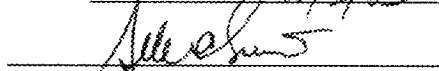
For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

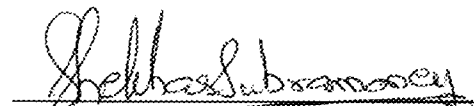
I. Sell, assign, and transfer unto **E. I. DU PONT DE NEMOURS AND COMPANY**, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the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

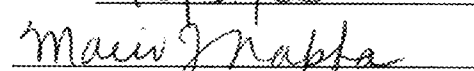
II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said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

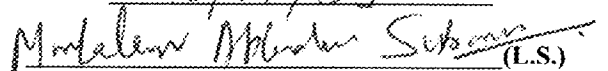
 (L.S.)  
VELLIYUR NOTT MALLIKARJUNA RAO  
DATE: 11/3/03

 (L.S.)  
H. DAVID ROSENFELD  
DATE: 11/3/03

 (L.S.)  
ALLEN C. SIEVERT  
DATE: 31-Oct-2003

 (L.S.)  
SHEKHAR SUBRAMONEY  
DATE: 10/31/03

 (L.S.)  
MARIO J. NAPPA  
DATE: 10/31/03

 (L.S.)  
MUNIRPALLAM APPADORAI SUBRAMANIAN  
DATE: Oct 31, 2003

PATENT