

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>VELLIYUR NOTT MALLIKARJUNA RAO</td> <td>11/04/2012</td> </tr> <tr> <td>MARIO JOSEPH NAPPA</td> <td>11/07/2012</td> </tr> <tr> <td>ALLEN CAPRON SIEVERT</td> <td>11/04/2012</td> </tr> <tr> <td>RALPH NEWTON MILLER</td> <td>11/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	VELLIYUR NOTT MALLIKARJUNA RAO	11/04/2012	MARIO JOSEPH NAPPA	11/07/2012	ALLEN CAPRON SIEVERT	11/04/2012	RALPH NEWTON MILLER	11/06/2012		
Name	Execution Date												
VELLIYUR NOTT MALLIKARJUNA RAO	11/04/2012												
MARIO JOSEPH NAPPA	11/07/2012												
ALLEN CAPRON SIEVERT	11/04/2012												
RALPH NEWTON MILLER	11/06/2012												
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>4417 LANCASTER PIKE</td> </tr> <tr> <td>Internal Address:</td> <td>BARLEY MILL PLAZA 25</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>19809</td> </tr> </table>		Name:	E. I. DU PONT DE NEMOURS AND COMPANY	Street Address:	4417 LANCASTER PIKE	Internal Address:	BARLEY MILL PLAZA 25	City:	WILMINGTON	State/Country:	DELAWARE	Postal Code:	19809
Name:	E. I. DU PONT DE NEMOURS AND COMPANY												
Street Address:	4417 LANCASTER PIKE												
Internal Address:	BARLEY MILL PLAZA 25												
City:	WILMINGTON												
State/Country:	DELAWARE												
Postal Code:	19809												
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>12758839</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12758839								
Property Type	Number												
Application Number:	12758839												
CORRESPONDENCE DATA													
<p>Fax Number: 3023553982 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 302-992-2973 Email: CAROL.A.REEDER@USA.DUPONT.COM Correspondent Name: HANXING ZHENG Address Line 1: 4417 LANCASTER PIKE Address Line 2: BARLEY MILL PLAZA 25 Address Line 4: WILMINGTON, DELAWARE 19809</p>													
ATTORNEY DOCKET NUMBER:	FL1251USCIP												
NAME OF SUBMITTER:	CAROL REEDER												

CH \$40.00 12758839

Total Attachments: 4

source=20121116_FL1251USCIP_ExecutedAssignment#page1.tif

source=20121116_FL1251USCIP_ExecutedAssignment#page2.tif

source=20121116_FL1251USCIP_ExecutedAssignment#page3.tif

source=20121116_FL1251USCIP_ExecutedAssignment#page4.tif

PATENT

REEL: 029329 FRAME: 0487

ASSIGNMENT

We, the undersigned

VELLIYUR NOTT MALLIKARJUNA RAO, MARIO JOSEPH NAPPA, ALLEN
CAPRON SIEVERT, RALPH NEWTON MILLER

Hereby declare that

We are the true and first inventors of an invention entitled

TETRAFLUOROPROPENE PRODUCTION PROCESSES

which is disclosed in the United States Patent Application No. 12/758839 filed on April 13, 2010 and which is identified as Case Number FL1251USCIP.

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) 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: _____

_____(L.S.)
ALLEN CAPRON SIEVERT
DATE: _____

_____(L.S.)
MARIO JOSEPH NAPPA
DATE: _____

_____(L.S.)
RALPH NEWTON MILLER
DATE: NOV 6, 2012

ASSIGNMENT

We, the undersigned

VELLIYUR NOTT MALLIKARJUNA RAO, MARIO JOSEPH NAPPA, ALLEN
CAPRON SIEVERT, RALPH NEWTON MILLER

Hereby declare that

We are the true and first inventors of an invention entitled

TETRAFLUOROPROPENE PRODUCTION PROCESSES

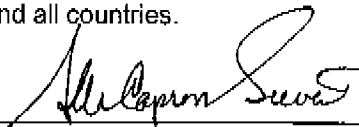
which is disclosed in the United States Patent Application No. 12/758839 filed on April 13, 2010 and which is identified as Case Number FL1251USCIP.

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) 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: _____


_____(L.S.)
ALLEN CAPRON SIEVERT
DATE: _____

_____(L.S.)
MARIO JOSEPH NAPPA
DATE: _____

_____(L.S.)
RALPH NEWTON MILLER
DATE: _____

ASSIGNMENT

We, the undersigned

VELLIYUR NOTT MALLIKARJUNA RAO, MARIO JOSEPH NAPPA, ALLEN
CAPRON SIEVERT, RALPH NEWTON MILLER

Hereby declare that

We are the true and first inventors of an invention entitled

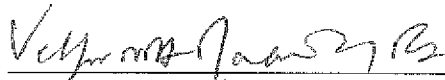
TETRAFLUOROPROPENE PRODUCTION PROCESSES

which is disclosed in the United States Patent Application No. 12/758839 filed on April 13, 2010 and which is identified as Case Number FL1251USCIP.

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) 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: November 4, 2012

_____(L.S.)

ALLEN CAPRON SIEVERT

DATE: _____

_____(L.S.)

MARIO JOSEPH NAPPA

DATE: _____

_____(L.S.)

RALPH NEWTON MILLER

DATE: _____

PATENT

REEL: 029329 FRAME: 0490

ASSIGNMENT

We, the undersigned

VELLIYUR NOTT MALLIKARJUNA RAO, MARIO JOSEPH NAPPA, ALLEN
CAPRON SIEVERT, RALPH NEWTON MILLER

Hereby declare that

We are the true and first inventors of an invention entitled

TETRAFLUOROPROPENE PRODUCTION PROCESSES

which is disclosed in the United States Patent Application No. 12/758839 filed on April 13, 2010 and which is identified as Case Number FL1251USCIP.

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) 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: _____

_____(L.S.)
ALLEN CAPRON SIEVERT
DATE: _____

_____(L.S.)
MARIO JOSEPH NAPPA
DATE: November 7, 2012

_____(L.S.)
RALPH NEWTON MILLER
DATE: _____