

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
-------------------------	----------------

NATURE OF CONVEYANCE:	ASSIGNMENT
------------------------------	------------

CONVEYING PARTY DATA

Name	Execution Date
E.I. du Pont de Nemours and Company	12/20/2002

RECEIVING PARTY DATA

Name:	University of South Carolina Research Foundation
Street Address:	901 Sumter Street
Internal Address:	5th Floor
City:	Columbia
State/Country:	SOUTH CAROLINA
Postal Code:	29208

PROPERTY NUMBERS Total: 15

Property Type	Number
Patent Number:	6010612
Patent Number:	6203675
Patent Number:	RE37433
Patent Number:	RE37042
Patent Number:	5976346
Patent Number:	5961795
Patent Number:	5855748
Patent Number:	RE36985
Patent Number:	5868912
Patent Number:	5863395
Patent Number:	5855759
Patent Number:	5824199
Patent Number:	6001226
Patent Number:	5891318

CH \$600.00 6010612

Patent Number:

5891319

CORRESPONDENCE DATA

Fax Number: (770)951-0933

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 770-933-9500

Email: todd.deveau@tkhr.com

Correspondent Name: Todd Deveau

Address Line 1: 100 Galleria Parkway

Address Line 2: Suite 1750

Address Line 4: Atlanta, GEORGIA 30339

NAME OF SUBMITTER:

Todd Deveau

Total Attachments: 4

source=00263587#page1.tif

source=00263587#page2.tif

source=00263587#page3.tif

source=00263587#page4.tif

ASSIGNMENT OF PATENT

WHEREAS, E.I. du Pont de Nemours and Company, having a place of business at 1007 Market Street, Wilmington, Delaware 19898 US, hereinafter referred to as ASSIGNOR, owns all right, title, and interest in the U.S. patents identified in the attached Schedule A

WHEREAS, University of South Carolina Research Foundation, having a place of business at 901 Sumter Street, 5th Floor, Columbia, S.C. 29208, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said U.S. patent and any provisional, continuation, continuation-in-part, divisional, reissued, re-examined, and foreign applications and patents relating to said U.S. patent.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said U.S. patent and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for any invention(s) described in said patent, including but not limited to, all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to any and all foreign patents and applications for any invention described in said U.S. patent, in any and all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them; and (c) the right to seek remedies for any and all infringements of any of the foregoing patents and to collect and retain all damages and profits and enjoy any and all remedies granted for infringements.

ASSIGNOR authorizes ASSIGNEE to make any and all application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for any said invention, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for protection for any invention described in said U.S. patent or other form of protection for any said invention and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for any said invention be issued to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with patent applications, patents, or other forms of protection of any said invention, and for the defense and protection thereof if challenged in the court of law.

E.I. DU PONT DE NEMOURS AND COMPANY

By: Roger A. Bowman

Name: Roger A. Bowman

Title: Asst. Secretary-Patent Board

Effective the 20th day of December, 2002

SCHEDULE A

<u>Patent No.</u>	<u>Issue Date</u>	<u>Title</u>
6,010,612	01/04/2000	Production of Isocyanate Using Chlorine Recycle
6,203,675	03/20/2001	Electrochemical Conversion of Anhydrous Hydrogen Halide to Halogen Gas Using an Electrochemical Cell
5,798,036, now Reissue RE37,433	08/25/1998 11/05/2001	Electrochemical Conversion of Anhydrous Hydrogen Halide to Halogens Gas Using a Membrane-Electrode Assembly or Gas Diffusion Electrodes
5,411,641, now Reissue RE37,042	05/02/1995 02/06/2001	Electrochemical Conversion of Anhydrous Hydrogen Halide to Halogen Gas Using a Cation-Transporting Membrane
5,976,346	11/02/1999	Membrane Hydration in Electrochemical Conversion of Anhydrous Hydrogen Halide to Halogen Gas
5,961,795	10/05/1999	Electrochemical Cell Having a Resilient Flow Field

5,855,748	01/05/1999	Electrochemical Cell Having a Mass Flow Field Made of Glassy Carbon
5,580,437, now Reissue RE 36,985	12/03/1996 12/12/2000	Anode Useful for Electrochemical Conversion of Anhydrous Hydrogen Halide to Halogen Gas
5,868,912	02/09/1999	Electrochemical Cell Having an Oxide Growth Resistant current Distributor
5,863,395	01/26/1999	Electrochemical Cell Having a Self-Regulating Gas Diffusion Layer
5,855,759	01/05/1999	Electrochemical Cell and Process for Splitting a sulfate Solution and Producing a Hydroxide Solution Sulfuric Acid and a Halogen Gas
5,824,199	10/20/1998	Electrochemical Cell Having an Inflatable Member
6,001,226	12/14/1999	Electrochemical Cell Having Split Fluid and Current Feed
5,891,318	04/06/1999	Production of Ethylene Dichloride by direct Chlorination and Production of Vinyl Chloride Monomer Using Chlorine Recycle and Apparatus
5,891,319	04/06/1999	Method for an Apparatus Production of Carbonyl Halide