

04-26-1999



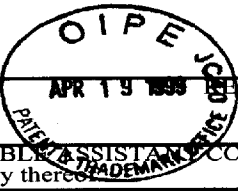
UNION CARBIDE CORPORATION

Form PTO-1595 Modified

APR 19 1999 RECORD

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To the HONORABLE ASSISTANT COMMISSIONER FOR PATENTS: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 Richard William Wegman
 David Michael Anthony Minahan
 William J. Bartley
 Chinsoo Stephen Lee
 David McNeill Somerville

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party:

 UNION CARBIDE CHEMICALS & PLASTICS
 TECHNOLOGY CORPORATION

39 Old Ridgebury Road
 Danbury, Connecticut 06817-0001
 United States of America

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

 Assignment

Execution Date: April 12, April 5, April 6, 1999

4. Application number(s) or patent number(s): 09/220,438

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)09/220,438

B. Patent No.(s) _____

Additional numbers attached? Yes No

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed Authorized to be charged to deposit account

Deficiency/overpayment authorized to be charged/credited to deposit account.

5. Name and address of party to whom correspondence concerning document should be mailed:

 Mr. Stanley J. Paccione
 UNION CARBIDE CHEMICALS & PLASTICS
 TECHNOLOGY CORPORATION
 Location E2-05
 39 Old Ridgebury Road
 Danbury, CT 06817-0001

8. Deposit account number: 21-0100
 (Attach duplicate copy of this page if paying by deposit account)

04/23/1999 JSHABAZZ 00000089 09220438
 01 FC:581 (40.00 DP)

DO NOT USE THIS SPACE

9. Statement and signature.
 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gerald L. Coon *Gerald L. Coon* 4/14/99
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 7

Our Ref.: D-17728-2

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**ASSIGNMENT OF INVENTION, PRIORITY RIGHTS
AND RIGHTS TO APPLY FOR PATENTS**

We, the undersigned, Richard William Wegman, Chemist; David Michael Anthony Minahan, Chemist; William J. Bartley, Chemist; Chinsoo Stephen Lee, Engineer; and David McNeill Somerville, Engineer, all citizens of the United States of America, residing, respectively, at 912 Glendale Avenue, South Charleston 25303; 101 Dupont Avenue, Nitro 25143; 500 Sheridan Circle, Charleston 25314; 1401 Alexandria Place, Charleston 25314; and 203 Rustic Highlands, Hurricane 25526 all State of West Virginia, U.S.A.,

HEREBY STATE UNDER OATH that we are the original, first and joint inventors of an invention for

PROCESSES FOR PREPARING OXYGENATES AND CATALYSTS THEREFOR

as described and/or claimed in our application for Letters Patent in the United States of America, executed on the 12th day of April 1999, by said Richard William Wegman
executed on the 5th day of April 1999, by said David Michael Anthony Minahan
executed on the 5th day of April 1999, by said William J. Bartley
executed on the 6th day of April 1999, by said Chinsoo Stephen Lee
executed on the 6th day of April 1999, by said David McNeill Somerville

Serial No. 09/220,438, filed on the 24 day of December 1998, (Case No. D-17728-2).

NOW, THEREFORE, in consideration of our employment by Union Carbide Corporation, manufacturers, a corporation organized and existing under the laws of the State of New York, United States of America and having an office at 39 Old Ridgebury Road, Danbury, State of Connecticut, 06817-0001, United States of America, and having as its wholly-owned subsidiary,

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION

technology licensors, a corporation organized and existing under the laws of the State of Delaware, United States of America, and having an office at 39 Old Ridgebury Road, Danbury, State of Connecticut, 06817-0001, United States of America.

WE DO HEREBY ASSIGN AND TRANSFER, without any restrictions, reservations or limitations, our entire right, title, and interest in and to said invention and application unto, as the Assignee, the aforesaid

UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION

its successors, assigns and nominees, and the entire right, title and interest in and to all patents which may be granted thereon, and all divisions, continuations, continuations-in-part, reissues, reexaminations and extensions thereof;

AND ALL PRIORITY RIGHTS derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property, for any and all member countries of the aforesaid International Convention;

AND THE SOLE RIGHT to file such applications under the Patent Laws of any country of the world in its name and/or ours, and the sole right to have patents granted on said applications in its name and/or ours to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by us had this assignment not been made, and to enforce said patents with our right to sue for and recover accrued profits or damages for any and all infringements thereof;

AND AUTHORIZE the above-named Assignee to insert in this instrument the serial number and filing date of said application;

AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention to said UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION as Assignee of the entire right, title and interest, and covenant that we have full right so to do, and agree that we will communicate to said Corporation or its representatives any facts known to us respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in all countries.

SIGNED AND SEALED at South Charleston this 12 day of April, 1999.
West Virginia

WITNESSES:

Richard William Wegman
RICHARD WILLIAM WEGMAN

1. Elizabeth P. Stearns
2. Sharon H. Canterbury

SIGNED AND SEALED at South Charleston this 5th day of APRIL, 1999.
West Virginia

WITNESSES:

David Michael Anthony Minahan
DAVID MICHAEL ANTHONY MINAHAN

1. Lily L. Leboon
2. Sharon Canterbury

SIGNED AND SEALED at South Charleston this 5th day of April, 1999.
West Virginia

WITNESSES:

William J. Bartley
WILLIAM J. BARTLEY

1. Lily L. Leboon
2. Sharon Canterbury

SIGNED AND SEALED at South Charleston this 6th day of April, 1999.
West Virginia

WITNESSES:

Chinsoo Stephen Lee
CHINSOO STEPHEN LEE

1. Elizabeth P. Stearns
2. Sharon H. Canterbury

SIGNED AND SEALED at South Charleston this 6 day of April, 1999.
West Virginia

WITNESSES:

David McNeill Somerville
DAVID MCNEILL SOMERVILLE

- 1. Sharon H. Cantelberry
- 2. Elizabeth D. Stasi

State of West Virginia }
County of Kanawha } ss:

This 12th day of April, 1999, before me personally came the above-named **RICHARD WILLIAM WEGMAN** to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Jeanetta Cox
Notary Public



State of West Virginia }
County of Kanawha } ss:

This 5th day of April, 1999, before me personally came the above-named **DAVID MICHAEL ANTHONY MINAHAN** to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

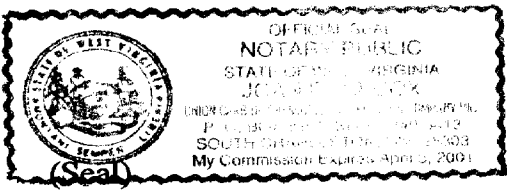
Jeanetta Cox
Notary Public



State of West Virginia)
County of Marion) ss:

This 5th day of April 1999, before me personally came the above-named WILLIAM J. BARTLEY to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

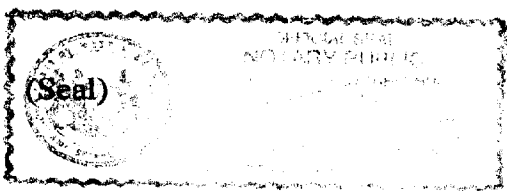
Jeanette Cox
Notary Public



State of West Virginia)
County of Marion) ss:

This 6th day of April 1999, before me personally came the above-named CHINSOO STEPHEN LEE to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Jeanette Cox
Notary Public



State of West Virginia)
County of Manawha) ss:

This 6th day of April 1999, before me personally came the above-named **DAVID MCNEILL SOMERVILLE** to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Jeanetta Toy
Notary Public

