

Handwritten: 07/22/99

07-29-1999

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

1. Name of conveying party(ies):
 Jeffrey Morris Cogen; Laurence Herbert Gross; Michael John Keogh; Joseph Anthony Obal
 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

Vertical stamp: 09/359228
 07/22/99
 U.S. PTO

3. Nature of conveyance:
 Assignment
 Execution Date: June 18, 1999; June 18, 1999; June 30, 1999; June 23, 1999

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is: June 18, 1999; June 18, 1999; June 30, 1999; June 23, 1999
 A. Patent Application No.(s) _____ B. Patent No.(s) _____
 Additional numbers attached? Yes No

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

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

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.
Paul W. Leuzzi Name of Person Signing
[Signature] Signature
July 20, 1999 Date
 Total number of pages including cover sheet, attachments, and document: 4
 Our Ref.: D-17973

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:
 07/29/1999 DNGUYEN 00000012 09359228
 01 FC:561 40.00 TP
 Box Assignments
 Commissioner of Patents and Trademarks
 Washington, D.C. 20231
 Public burden reporting for this sample cover sheet is estimated to average about 30 min. per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

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

We, the undersigned, Jeffrey Morris Cogen, Chemist; Laurence Herbert Gross, Engineer;
Michael John Keogh, Chemist; and Joseph Anthony Obal, Technician, all citizens of the United
States of America, residing, respectively, at 7 Bonnell Street, Flemington, State of New Jersey
08822; 977 Rector Road, Bridgewater, State of New Jersey 08807; 19 Abington Drive, Pinehurst,
State of North Carolina 28374; and 224 Main Street, Sayreville, State of New Jersey 08872, all
United States of America

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

A POLYETHYLENE CROSSLINKABLE COMPOSITION

as described and/or claimed in our application for Letters Patent in the United States of America,
executed on the 18 day of June 1999, by said JEFFREY MORRIS COGEN
executed on the 18 day of June 1999, by said LAURENCE HERBERT GROSS
executed on the 30 day of June 1999, by said MICHAEL JOHN KEOGH
executed on the 23 day of June 1999, by said JOSEPH ANTHONY OBAL
Serial No. _____, filed on the _____ day of _____ 1999, (Case No. D-17973).

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 patent's
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 Somerset, NJ this 18th day of June, 1999.

WITNESSES:

Jeffrey Morris Cogen
JEFFREY MORRIS COGEN

1. W. Cieloszy
2. Barbara Muller

SIGNED AND SEALED at Somerset, NJ this 18th day of June, 1999.

WITNESSES:

Laurence Herbert Gross
LAURENCE HERBERT GROSS

1. W. Cieloszy
2. Barbara Muller

SIGNED AND SEALED at Pembroke, NC this 30 day of June, 1999.

WITNESSES:

Michael John Keogu
MICHAEL JOHN KEOGU

1. Esther M. Sweeting
2. Kelly C. McHenry

SIGNED AND SEALED at Somerset, NJ this 23rd day of June, 1999.

WITNESSES:

Joseph Anthony Obal
JOSEPH ANTHONY OBAL

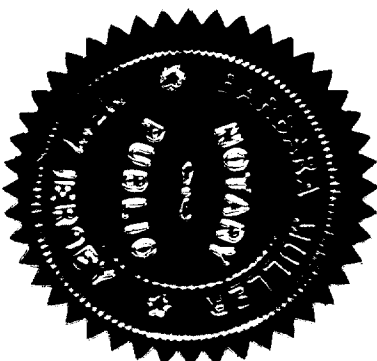
1. Victoria B. Hspeak
2. Barbara Muller

State of New Jersey)
County of Somerset) ss:

This 18th day of June, 1999 before me personally came the above-named JEFFREY MORRIS COGEN 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.

Barbara Muller
Notary Public

BARBARA MULLER
Notary Public of New Jersey
Commission Expires 6/13/2001

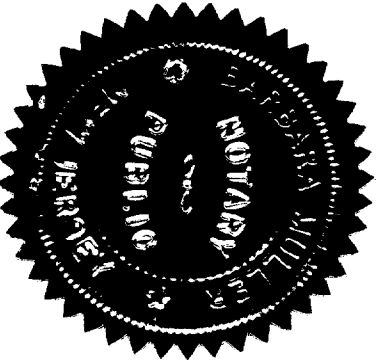


State of New Jersey)
County of Somerset) ss:

This 18th day of June, 1999 before me personally came the above-named LAURENCE HERBERT GROSS 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.

Barbara Muller
Notary Public

BARBARA MULLER
Notary Public of New Jersey
Commission Expires 6/13/2001



State of North Carolina)
County of Mooresville) ss:

This 30th day of June 1999 before me personally came the above-named MICHAEL JOHN KEOGH 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.

Dedeth A. McCoy
Notary Public

My Commission Expires Oct. 17, 1999

(Seal)

State of New Jersey)
County of Somerset) ss:

This 23rd day of June 1999 before me personally came the above-named JOSEPH ANTHONY OBAL 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.

Barbara Muller
Notary Public

BARBARA MULLER
Notary Public of New Jersey
Commission Expires 6/13/2001

