

11-27-1998



Form PTO-1595
Modified

From: UNION CARBIDE CORPORATION

100906969

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

U.S. P.T.O.
60567/09/195609
11/19/98

1. Name of conveying party(ies):
Thomas Wayne Kay; John Francis Kantz; Alvin Otis Bowles Jr.
MFD 11-19-98
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 [X] No

3. Nature of conveyance:
[X] Assignment
Execution Date: November 5th, 10th, 17th, 1998

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:
A. Patent Application No.(s)
09/195,609
Additional numbers attached? [] Yes [X] No

B. Patent No.(s)
6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$ 40.00
[x] Enclosed [] Authorized to be charged to deposit account
[X] 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)

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.
Bonnie L. Deppenbrock *Bonnie L. Deppenbrock* November 19, 1998
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: 5
Our Ref.: D-17890

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PAT119 (UCC&PTC Assignments) Side 1 :5:98

11/24/1998 SBURNS 00000166 09195609

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40.00 DP

PATENT
REEL: 9598 FRAME: 0406

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

We, the undersigned, Thomas Wayne Kay, Engineer, a citizen of the United States of America; Duanfan Wang, Engineer, a citizen of the United States of America; John Francis Kantz, Engineer, a citizen of the United States of America; Alvin Otis Bowles Jr., Engineer, a citizen of the United States of America, respectively residing at 31 Karyn Terrace West, Middletown, New Jersey, 07748; 39 Van Zandt Drive, Sommerville, New Jersey, 08876; 392 Jane Chapel Road, Oxford, New Jersey, 07863; 4114 Walnut Pond Drive, Houston, Texas 77059; United States of America

HEREBY STATE UNDER OATH that we are the original, first and joint inventors of an invention for A PROCESS FOR BULK HANDLING ELASTOMERIC MATERIALS VIA TEMPERATURE CONTROL

as described and/or claimed in our application for Letters Patent in the United States of America, executed on the 5th day of Nov. 1998, by said Thomas Wayne Kay
executed on the 5th day of Nov. 1998, by said Duanfan Wang
executed on the 10th day of Nov. 1998, by said John Francis Kantz
executed on the 17th day of Nov. 1998, by said Alvin Otis Bowles Jr.
Serial No. _____, filed on the _____ day of _____ 1998, (Case No. D-17890).

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 Bound Brook, NJ this 5th day of Nov., 1998.

WITNESSES:

Thomas Wayne Kay
Thomas Wayne Kay

1. Jeff Schwartz
2. Barbara O'neal

SIGNED AND SEALED at Bound Brook, NJ this 5th day of Nov., 1998.

WITNESSES:

Duanfan Wang
Duanfan Wang

1. M. Halada
2. Barbara O'neal

SIGNED AND SEALED at Port Murray, NJ this 10th day of Nov., 1998.

WITNESSES:

John Francis Kantz
John Francis Kantz

1. Edward P. Sample
2. General L. Kantz

SIGNED AND SEALED at Jersey City, NJ this 17th day of November, 1998.

WITNESSES:

Alvin O. Bowles Jr.
Alvin Otis Bowles Jr.

1. Gene E. Orna
2. Alvin O. Bowles Jr.

State of New Jersey)
County of Somerset) ss:

This 5th day of Nov., 1998, before me personally came the above-named Thomas Wayne Kay 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.

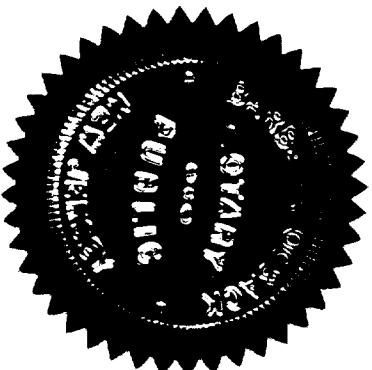


Barbara Ocsack
Notary Public

BARBARA OCSACK
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/13/2001

State of New Jersey)
County of Somerset) ss:

This 5th day of Nov., 1998, before me personally came the above-named Duanfan Wang 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.

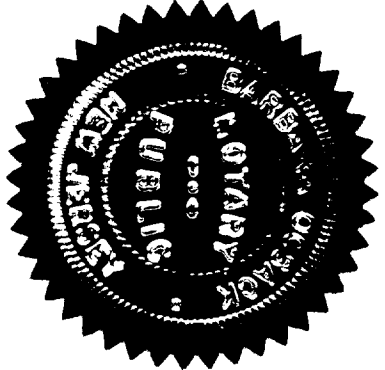


Barbara Ocsack
Notary Public

BARBARA OCSACK
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/13/2001

State of New Jersey)
County of Somerset) ss:

This 10th day of Nov 1998, before me personally came the above-named John Francis Kantz 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.

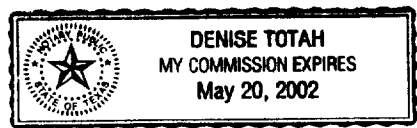


Barbara Ocsack
Notary Public
BARBARA OCSACK
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/15/2001

State of Texas)
County of Anderson) ss:

This 7th day of September 1998, before me personally came the above-named Albert Otis Bowles Jr. 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.

Denise Totah
Notary Public



(Seal)