

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

We, the undersigned, Fungau Ho, Engineer; Leah Ann Patterson, Engineer, Cyril B. Tellis, Chemist; all citizens of the United States of America, residing, respectively, at 1613 Teter Road, Charleston, West Virginia 25314; 2304 Winchester Road, South Charleston, West Virginia 25303; and 15 Shannon Place, Charleston, West Virginia 25314

HEREBY STATE UNDER OATH that we are the original, first and joint inventors of an invention for **PROCESSES FOR CONDUCTING EQUILIBRIUM-LIMITED REACTIONS**

as described and/or claimed in our application for Letters Patent in the United States of America, executed on the 9 day of August 1999, by said FUNGAU HO
executed on the 6 day of August 1999, by said LEAH ANN PATTERSON
executed on the 6 day of August 1999, by said CYRIL B. TELLIS
Serial No. 09/361,395, filed on the 26 day of July 19⁹⁹, (Case No. **D-17920-1**).

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, West Virginia, this 9th day of Aug 1999.

WITNESSES:

Fungau Ho
FUNGAU HO

1. Laura K. Gurn

2. Sharon H. Canterbury

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

WITNESSES:

Leah Ann Paterson
LEAH ANN PATERSON

1. Dilly D. Liborn

2. Elizabeth A. Stern

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

WITNESSES:

Cyril B. Tellis
CYRIL B. TELLIS

1. Elizabeth A. Stern

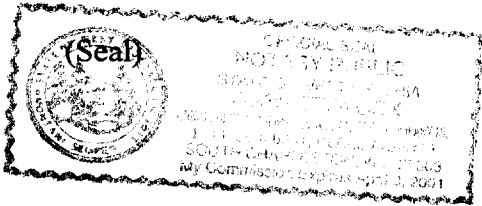
2. Ally Veepa

State of WEST VIRGINIA)

County of KANAWHA)

ss:

This 9 day of AUGUST, 1999, before me personally came the above-named FUNGAU HO 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.



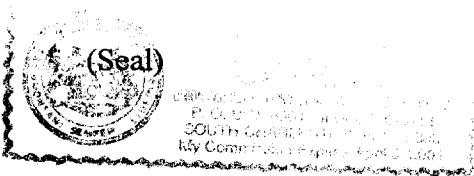
Jean Ethel Cox
Notary Public

State of WEST VIRGINIA)

County of KANAWHA)

ss:

This 6 day of AUGUST, 1999, before me personally came the above-named LEAH ANN PATTERSON 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.



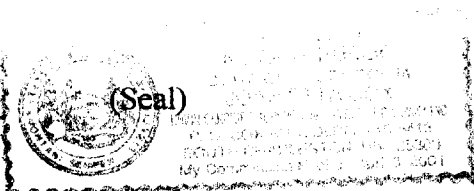
Jean Ethel Cox
Notary Public

State of WEST VIRGINIA)

County of KANAWHA)

ss:

This 6 day of AUGUST, 1999, before me personally came the above-named CYRIL B. TELLIS 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.



Jean Ethel Cox
Notary Public