09-17-1999

DRPORATION

Modified PATENTS O ASSIGNME				
To the HONORABLE ASSISTANT COMMISSIONER FOR				
documents or copy thereof:				
1. Name of conveying party(ies): Fungau Ho	2. Name and address of receiving party:			
	UNION CARRIDE CHEMICALS & DI ASTICS			
	UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION			
Cyril B. Tellis	TECHNOLOGY CORPORATION			
Additional name(s) of conveying party(ies) attached? [] Yes [X] No				
3. Nature of conveyance:	39 Old Ridgebury Road			
	Danbury, Connecticut 06817-0001			
[X] Assignment	United States of America			
Execution Date: August 6, 1999, August 9, 1999	Additional name(s) &			
	address(es) attached? [] Yes [X] No			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new ap	plication the execution date of the application is:			
	produced, the execution dute of the approached is.			
A. Patent Application No.(s)	B. Patent No.(s)			
A. Fatent Application No.(s)	D. Fatent No.(s)			
Additional numbers attache	de f 1 Ves IVI No			
Name and address of party to whom correspondence	6. Total number of applications and patents			
concerning document should be mailed:	involved:1			
	7. Total fee (37 CFR 3.41):\$ 40.00			
Mr. Stanley J. Paccione	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION	[X] Enclosed [] Authorized to be charged to deposit account			
Location E2-05 39 Old Ridgebury Road	[X] Deficiency/overpayment authorized to be			
Danbury, CT 06817-0001	charged/credited to deposit account.			
	8. Deposit account number: 21-0100			
	(Attach duplicate copy of this page if paying by deposit			
	account)			
	SE THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the foregoing in	nformation is true and correct and any attached copy is a true			
copy of the original document.	1 ~ ^ ^			
Gerald L. Coon	September 7, 1999			
Name of Person Signing	Signature Date			
Total number of pages including cover sheet, attachments, and document:				
Our Ref.: D-17920-1				
-				
Do not deta	ch this portion			
Mail documents to be recorded with required cover sheet in	formation to:			
U.S. Patent and T	rademark Office			
99 DNGUYEN 00000281 09361395 Office of Public Records Orystal Gateway 4, Room 335				
40.00 OP Crystal Gateway Washington, D.C	. 20231			
Public burden reporting for this samplé 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 Information Systems, PK2-1000C, Washington, D.C. 20231	to the U.S. Patent and Trademark Office, Office of and to the Office of Management and Budget. Paperwork			
Reduction Project (0651-0011), Washington, D.C. 20503.	,			

PATT19 (UCC&PTC Assignments) Side 1 :5:98

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	r claimed in or	ır_application		nt in the United States of America,	
executed on the $_$	<u>9</u> day of _	August	<u>1999</u> , by said	FUNGAU HO	
executed on the	6 day of	August	1999, by said	LEAH ANN PATTERSON	
executed on the	6 day of		1999, by said	CYRIL B. TELLIS	
Serial No. $09/\overline{36}$	1,395 , filed	on the 26	day of July	19 99, (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 licensers, 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;

PATENT

REEL: 010230 FRAME: 0386

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, Wes	t Virginia, this 9th day of Aug 1999.
WITNESSES:	Jungan Ho
1. Sersie K. Chum	
2. Sharon H. Canterberry	
SIGNED AND SEALED at South Charleston, Wes	
WITNESSES:	LEAH ANN PATITERSON
1. Silly D- Libour	LEAH ANN PATITERSON
1. Silly D- Fibour 2. Elizabeth W. Stein	
SIGNED AND SEALED at South Charleston, Wes	t Virginia, this 6 12 day of August 1999.
WITNESSES:	CYPIL B. TELLIS
1. Elizabeth d. Stein 2. Oly Voca	CIRIL B. TELLIS
2 aly Vega	

State of WEST VIRGINIA	_) _) ss:
County of KANAWHA	_)
FUNGAU HO	
	Motary Public
Seal ANOTHER STATE OF	Notary Public
State of WEST VIRGINIA)
County of KANAWHA	
LEAH ANN PATTERSON	, 1999, before me personally came the above-named to me personally known as the individual who has acknowledged to me that he/she executed the oses therein set forth.
(Seal) P. C. Charles B. H. South Commission of the Property of the Commission of th	Motary Public
State of <u>WEST VIRGINIA</u> County of <u>KANAWHA</u> This 6 day of AUGUST	_)) ss: _) , 1999 , before me personally came the above-named
CYRIL B. TELLIS who executed the foregoing assignment, we same of his/her own free will for the purpose.	, 1999_, before me personally came the above-named to me personally known as the individual who has acknowledged to me that he/she executed the oses therein set forth.
(Seal)	Motary Public

PATENT REEL: 010230 FRAME: 0388

RECORDED: 09/13/1999