	11-16-	1998		
For n PTO-1595 Modified ///5/98			n: UNION CARBIDE CORPORA	TION
To the HONØRABLE ASSISTANT CC documents or copy thereof.	100878	503	cord the attached original	<u></u> 2
Name of conveying party(ies):			ress of receiving party:	<del>- 28</del>
David Mason Gaines; Philip Everett Harr Brady Painter; Bill Jack Garner	1		or recording party.	JC540 U.S 09/1875
Additional name(s) of conveying party(ies) attached? [ ] Ye	es [x]No		BIDE CHEMICALS & PLASTICS BY CORPORATION	D.
3. Nature of conveyance:		39 Old Ridgeb	ury Road	
		Danbury, Con-	necticut 06817-0001	
[X] Assignment		United States	of America	
Execution Date: October 12, 13, 20 November 2, 1998	), 1998 &	Additional nar address(es) att		
4. Application number(s) or patent num	nber(s):			
A. Patent Application No.(s)	ner with a new appl	ication, the execut  B.Patent No.(s		
••			,	
Additional	numbers attached?	[ ] Yes [X]	No	
<ol><li>Name and address of party to whom corr concerning document should be mailed:</li></ol>	respondence	o. Total number of involved:	applications and patents	
	<u> </u>	7. Total fee (37 Cl	R 3.41):\$ 40.00	
Mr. Stanley J. Paccione UNION CARBIDE CHEMICALS & TECHNOLOGY CORPORATION Location E2-05		[x] Enclosed	[ ] Authorized to be charged to deposit account	
39 Old Ridgebury Road Danbury, CT 06817-0001		[X] Defic charg	iency/overpayment authorized to be ed/credited to deposit account.	
	7	B. Deposit account (Attach duplicat account)	number: 21-0100 e copy of this page if paying by dep	osit
	DO NOT USE	THIS SPACE		
<ol> <li>Statement and signature.         To the best of my knowledge and belief copy of the original document.     </li> </ol>	-			
Bonnie L. Deppenbrock Name of Person Signing	Donnie	L. Messell Signature	November 5, 1998  Date	<u>i</u>
Total number of page 1	ages including cove	er sheet, attachmen	ts, and document:5	
Our Ref.: <u>D-17852</u>				
-	Do not detach			
Mail documents to be recorded with require		•		
ī	U.S. Patent and Tra	demark Office		
	Office of Public Rec Crystal Gateway 4, Washington, D.C.	cords Room 335	8	
Public burden reporting for this sample covincluding time for reviewing the document cover sheet. Send comments regarding this Information Systems, PK2-1000C, Washing Reduction Project (0651-0011), Washingto	er sheet is estimate and gathering the d burden estimate to gton, D.C. 20231, a	d to average about lata needed, and co	mpleting and reviewing the sample of Trademark Office, Office of Management and Budget Paperwork	
PATT19 (UCC&PTC Assignments) Side 1:5	-98		3	
(Coccar io rissignments) side i			<b>£</b>	

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

		Gaines, Engineer; Philip Everett Harrison, Technician
Roger Brady Painte	r, Engineer, Billy Jack	Garner, Engineer; respectively residing 114 Heritage
		treet, Winfield, W.V. 25213; 307 Poplar Estates, Scott
	0; 25 Chatwood Road, C	
20104 2330	3, 23 Charrood Rolla, C	Charleston, W. V. 25501
HERERV ST	ATE INDED OATH #	hat we are the original, first and joint inventors of an
invention for HADE		D DDAING A DEAGTOD GAGTERATE ON OARD
invention for <u>IMPF</u>	COVED PROCESS FOR	R DRYING A REACTOR SYSTEM EMPLOYING
A FIXED BED AD	SORBENT	
as described and/or cl	laimed in our application	on for Letters Patent in the United States of America,
executed on the 13	day of october	19 <b>%</b> by said David Mason Gaines
executed on the 12	day of October	1998, by said Philip Everett Harrison
executed on the 63	day of November	1998 by said Roger Brady Painter
executed on the 82		
		1998 by said Billy Jack Garner
Serial No.	, filed on the	day of 19 , (Case No. D-17852

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 the state of t

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State of was Thinging ) ss

County of Kananka ) ss

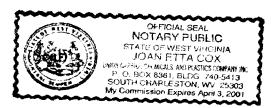
This 12 day of 1976 before me personally came the above-named Philip Everett Harrison to me personally known as the individual who executed the foregoing assignment, who has acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Notary Public

CHRICKL 3596
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State of Jefan )	
County of Herris ) ss:	
This Ine day of Mountain 1998, before r	ne personally came the above-named
Roger Brady Painter to me who executed the foregoing assignment, who has acknowledged the statement of the s	
same of his/her own free will for the purposes therein set f	orth.
ELIZABETH A. BIDDLE NOTARY PUBLIC State of Texas	Elizabeth a. Bishelle Notary Public
Comm. Exp. 02-05-2000	,
(Seal)	
()	
State of this grain ) ss:	
County of Konha	
This 20 day of October 1997 before reality Jack Garner to me	ne personally came the above-named personally known as the individual
who executed the foregoing assignment, who has acknowl	edged to me that he/she executed the
same of his/her own free will for the purposes therein set f	<b>/</b> 1
	Notary Public
	Notary Public



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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 13 day of 6CT, 1998. West Vlai ginia MMM.
WITNESSES:  David Mason Gaines
1. Shawn H. Canterberry
2. Elizabeth V. Stern
SIGNED AND SEALED at South Charleton this 12th day of October, 1998
WITNESSES:   This Everett Harrison  Philip Everett Harrison
1. Julia a. Glodar
2. Elizabeth a. Stern
SIGNED AND SEALED at HOUSTON, TEXAS this 02 HOUSTON, 1998.
WITNESSES: La College Brook Park
WITNESSES: Sarey a. Starffy Roger Brady Painter  1. Junta D. He Shee
WITNESSES: La College Brook Park
WITNESSES: Sarey a. Starffy Roger Brady Painter  1. Junta D. He Shee
WITNESSES: Sarry a. Starffy Roger Brady Painter  1. Janka J. He Street  2. Elizabeth Collection this 20th day of October, 19 98.  WITNESSES:  Billy Jack Carnet
WITNESSES: Sarry a. Starffy Roger Brady Painter  1. January The Street  2. Elizabeth Coffeel CE  SIGNED AND SEALED at South Chalender this 20TH day of October, 19 78.  West Wing Things.

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**RECORDED: 11/05/1998** 

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