UD-1	01-2000			
FORM PTO-1595	U.S. DEPARTMENT OF COMMERCE			
13 20 m 36 RECO	Patent and Trademark Office			
<i>ا</i> س				
To the Honorable Commissioner of Patents and Tradellines.	340085			
To the Honorable Commissioner of Patents and Tradellians.	d original documents or copy thereof.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
	Name University Technologies IIC			
Rex E. Murray, Simon Mawson, John F. Szul,	Name: Univation Technologies, LLC			
Kersten Anne Erickson, Tae Hoon Kwack, Frederick J. Karol, David James Schreck	Street Address: 5555 San Felipe, Suite 1950			
Frederick J. Ital of, David James Schreck	Succe Address. 3555 Ban Tempe, Saite 1750			
Additional name(s) of conveying party(ies) attached? Yes No	City: Houston State: Texas ZIP: 77056			
3. Nature of conveyance:				
	Additional name(s) & address(es) attached? Yes No			
Security Agreement Change of Name				
Other				
Execution Date: January 13, 14, 17 and 28, 2000				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the	e execution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)			
09/455,883	2			
,				
Additional numbers attac	hed? 🗌 Yes 🔃 No			
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: [1]			
concerning documents should be mailed:				
Name: Jaimes Sher	7. Total fee (37 CFR 1.41): \$40.00			
Internal Address: Univation Technologies LLC.				
Mailing Address: 5555 San Felipe, Suite 1950	Authorized to be charged to deposit account			
City: Houston State: Texas ZIP: 77056	0 D			
	8. Deposit account number: 50-0589			
DO NOT HE	THIS SPACE			
DO NOT USE	, THIS STACE			
9. Statement and signature.				
	formation is true and correct and any attached copy is a true			
Copy of the original document.				
A. S. Carlotter and Carlotter	· \L			
Jaimes Sher	ms The March 7, 2000			
Name of Person Signing	Signature Date			
V				
Total number of pages including cover sheet, attachments, and document: [8]				
Mail documents to be recorded with required cover sheet informa	tion to:			
	ENITE AND TED A DELICA PARE			
POX + 60	ENTS AND TRADEMARKS			
	IGNMENT ON DC 20231			
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ASSIGNMENT OF INVENTION, PRIORITY RIGHTS AND RIGHTS TO APPLY FOR PATENTS

I, the undersigned, Rex E. Murray, Simon Mawson, John F. Szul, Kersten Anne Erickson, Tae Hoon Kwack, Frederick J. Karol, and David James Schreck, HEREBY STATE UNDER OATH that I am the original and first inventor or co-inventor of an invention for *Multiple Catalyst System* as described and/or claimed in my application for Letters Patent in the United States of America, executed on the 13,14,17 / 8 day(s) of January / February, 2000, given the Serial No. 09/455,883, and filed on December 6, 1999, with the Family Number 1999U035.

NOW, THEREFORE, in consideration of my 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 fifty-percent-owned joint venture, UNIVATION TECHNOLOGIES, LLC, technology licensors, a company organized and existing under the laws of the State of Delaware, United States of America, and having an office at 5555 San Felipe, Suite 1950, Houston, Texas, 77056, United States of America,

I DO HEREBY ASSIGN AND TRANSFER, without any restrictions, reservations or limitations, my entire right, title, and interest in and to said invention and application unto, as the Assignee, the aforesaid UNIVATION TECHNOLOGIES, LLC, 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 mine, and the sole right to have patents granted on said applications in its name and/or mine 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 me had this assignment not been made, and to enforce said patents with my 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 execution date, serial number and filing date of said application;

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AND AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue all patents on said invention to said UNIVATION TECHNOLOGIES, LLC as Assignee of the entire right, title and interest, and covenant that I have full right so to do, and agree that I will communicate to said Corporation or its representatives any facts known to me 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.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE		(LS)
	Rex E. Murray	
	Witness	
DATE		(LS)
	Simon Mawson	
	Witness	
DATE		(LS)
	John F. Szul	
differential and the second se	Witness	

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DATE			(LS)
		Kersten Anne Erickson	
		Witness	
DATE	January 13, 2000	Tale Hoon Kwack	(LS)
		Witness	
DATE –	1/14/00	Frederick J. Karol	(LS)
		Witness	
DATE -		David James Schreck	(LS)
		David James Scilleck	
		Witness	

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

Serial No. 09/455,883, and filed				
13,14,17 / 8	dav(s) of	January / Fe	bruary	, 2000, given the
claimed in my application for Le	etters Patent in the l	United States of Ame	erica, executed	on the
original and first inventor or co-	inventor of an inver	ition for <i>Multiple Cata</i>	alyst System as	described and/or
Kwack, Frederick J. Karol, and	David James Schre	eck, HEREBY STATI	E UNDER OATI	H that I am the
I, the undersigned, Rex E. Muri	ay, Simon Mawson	, John F. Szul, Kerst	en Anne Ericks	on, Tae Hoon

NOW, THEREFORE, in consideration of my 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 fifty-percent-owned joint venture, UNIVATION TECHNOLOGIES, LLC, technology licensors, a company organized and existing under the laws of the State of Delaware, United States of America, and having an office at 5555 San Felipe, Suite 1950, Houston, Texas, 77056, United States of America,

I DO HEREBY ASSIGN AND TRANSFER, without any restrictions, reservations or limitations, my entire right, title, and interest in and to said invention and application unto, as the Assignee, the aforesaid UNIVATION TECHNOLOGIES, LLC, 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, continuationsin-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 mine, and the sole right to have patents granted on said applications in its name and/or mine 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 me had this assignment not been made, and to enforce said patents with my right to sue for and recover accrued profits or damages for any and all infringements thereof;

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IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE	1/13/2000	Rex E. Murray	nay	(LS)
	jueen	Witness		
DATE	1-13-00	Simon Mawson		(LS)
	<u> </u>	Witness		
DATE	1 14) 000	John F. Szul		(LS) —
		Witness		

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DATE	1-28-00	Keister Anne Eucker	(LS)
		Kersten Anne Erickson	
	Jon Ella	i Con	
		Witness	
DATE –		Tae Hoon Kwack	(LS)
		Tae Hoof Kwack	
		Witness	
DATE			(LS)
		Frederick J. Karol	_
		Witness	
DATE \	pm. 17,2000	David James Schreck	(LS) -
•	J 20.5 %	Etla Po	
		Witness	

		Applica	tion Number	09/455,883		
TRANSMITTAL		Filing Date		December 6, 1999		
FORM		First Na	amed Inventor	Rex E. Murray	, et al.	
(to be	used for all correspondence after initial filing)	Group	Art Unit	1755		
		Examin	er Name	Unassigned		
Total Nu	mber of Pages in This Submission 8	Attorne	y Docket Number	1999U035.US		
		ENCLO:	SURES (check all t	hat apply)		
			(oncontain)	арр.у/		
	Fee Transmittal Form		Assignment Paper (for an Application			After Allowance Communication to Group
	Preliminary Amendment / Response	. []	Drawing(s)			Appeal Communication to
	☐ After Fir al ☐ Affidavits/declaration(s)		Licensing-related	Papers		Board of Appeals and Interferences
	Extension of Time Request		Petition Routing S and Accompanyin			Appeal Communication to
	Express Abandonment Request		To Convert a Prov			Group (Appeal Notice, Brief, Reply Brief)
	Information Disclosure Statement		Application	risional		Proprietary Information
	Certified Copy of Priority Documents)		Power of Attorney Change of Corres			Status Letter
	Response to Missing Part/		Address	portuerice		Additional Enclosure(s) (please identify below)
	Incomplete Application		Terminal Disclaim	er		(picace identity below)
	Response to Missing Parts		Request for Refun	nd		
		REMA	RKS			
	SIGNAT	URE OF	APPLICANT, ATTO	RNEY, OR AGE	VΤ	
Firm Or Individu	Jaimes Sher	,	(*)			34,726
Signatu		, —	L.			
Date March 7, 2000						
CERTIFICATE OF MAILING						
hereby certify having information and a reasonable basis for belief that this correspondence will be deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: March 7, 2000						
Typed c	Typed or printed name Regina A.Tucker					
Signatu	re francia	Ĥ	Tucker	, Date M	arch 7, 2	000
	7 7					

 $G: \\ law \ usp to \\ transmittal\ form. dec$

RECORDED: 04/13/2000

Revised 5//98 (gdz)