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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.						
Name of conveying party(ies): Stephen M. Hoyles Ramki Subramanian Marcos Franca	7/04	2. Name and address of receiving party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA				
☐ Additional name(s) of conveying pa	rty(ies) is attached.	Additional name(s) & address(es) are attached.				
 Nature of conveyance: x Assignment Security Agreement Other 		☐ Merger ☐ Change of Name				
Execution Date(s) Septen	nber 9, October	r 2, 5,2001 Effective as of June 12, 2001				
3. Application Number(s) or Patent Nu 09/879,532 June	12, 2001	plication, the execution date of the application is:				
Name and address of party to whom concerning document should be mail		Total number of applications and patents involved: 1				
The Dow Chemical Com Intellectual Property P. O. Box 1967 Midland, Michigan 4864 United States of America	1-1967	 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☐ Please deduct the above fee from our Deposit Account 8. Deposit Account <u>04-1512</u>. If this estimate is incorrect, please debit or credit our account accordingly. 				
	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.

Dated: January 7, 2004

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40. QO DA

Office Professional (989) 636-1954

Total number of pages including attachments: 4

PATENT REEL: 014873 FRAME: 0116 FORM 110 (R 5/97)

Subscribed

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

Docket Ref. 60638A

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

EPOXY RESINS AND PROCESS FOR MAKING THE SAME

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 United States of America

a corporation organized and existing under the laws of the State of DELAWARE, U.S.A. (hereinafter referred to as the "Assignee");

my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the

Application No. <u>09/879,532</u>	Filing Date	June 12	2001
in country the United States of Americ		June 12,	2001
of the application, on which the claim for invention in any and all countries. I/we dinterference, conflict, opposition or litigate execute for any and all countries any docidentified application as Assignee may reany corresponding equivalent Application No	r priority will be based; and in do hereby agree to assist Assigntion which may arise involving the applications equest; and I/we do hereby aut Filing Date country where that country's thorize Assignee or its designer.	gnee in the prong the inventions derived from, thorize Assigned patent proper ee to translate	secution of the application(s) and in any nor the patent or patents thereon, and to corresponding to or equivalent to the above ce or its designee (or nominee(s)) to insert here ty must be identified and entered hereinabove this Assignment into all languages necessary;
and we request that any such Letters Pate	ent be issued to Assignee; and	consent to the	recordal of this Assignment, or a Notarial True
		to make the sa	me, but also that such assigned rights are not
encumbered by any grant, license, or other	er right heretorore given.		
and Declared by me/us:			
At: Freeport, Texas 77541 USA	A	t: Freeport, 7	Texas 77541 USA
this 5 day of October	, 20 <u>0</u> / th	is 2 day o	f October , 2001
Effective as of June 12, 2001			June 12, 2001
			3 awah C
Signature:	Si	ignature:	200000
Tun Name. Stephen W. Hoyn	es) Fi	ull Name:	Ramki Subramanian
Residence: 102 White Oak	R	esidence:	3918 Karrywood Court
Lake Jackson, Te	xas 77566		Pearland, Texas 77584
Country: United States of A	America C	ountry:	United States of America
Citizenship: Canada	l ic	itizenship:	India
P. O. Address: Same as Residence	e P.	. O. Address:	Same as Residence
Employed By: The Dow Chemic	al Company E	mployed By:	The Dow Chemical Company
Of Country: United States of A		of Country:	United States of America
At: Freeport, Texas 77541 USA	A	t:	of, 20
this 4 day of Soleculo	<u>, 20 € (</u> th	nis day	of, 20
Effective as of June 12, 2001			
Signature: Malica			
Full Name: / Marcos/Franca	/	ull Name:	
Residence: 109 Thyme Trail	\	esidence:	•
Lake Jackson, Te			
Country: United States of A		ountry:	
Citizenship: Brazil		itizenship:	
P. O. Address: Same as Residence		. O. Address:	
Employed By: The Dow Chemic		mployed By:	
Of Country: United States of A	America O	of Country:	

() Additional names and signatures are attached.

This Assignment 222 is in the ENGLISH language and has the same meaning in other languages with the same 222 number and R/Date

FORM 222

Docket Ref. 60638A

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this 5th day of October , 2001, personally appeared before me,
Stephen M. Hoyles known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.
AUTREY L. BROWN Notary Public STATE OF TEXAS My Comm. Exp. 01-25-2304
NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this <u>Jud</u> day of <u>October</u> , 2001, personally appeared before me,
Ramki Subramanian known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.
STACY L. LANIER Notary Public STATE OF TEXAS My Comm. Exp. 07 -02 -2004
NOTARIAL CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria)
On this <u>J4th</u> day of <u>September</u> , 2001, personally appeared before me,
Marcos Franca known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.
SEAL STACY L. LANIER Notary Public STATE OF TEXAS My Comm. Exp. 07 -02 -2004

TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared.

atMidia	and, Michiga	n 48674, US <i>A</i>		
this <u>07th</u>	day of	January	20 <u>04</u>	
		0	Crystal S. Rohde ffice Professional W CHEMICAL COMPANY	
	NOTA	RIAL CEF	RTIFICATE	
UNITED STATES STATE OF MICHI County/Parish of N	GAN)) SS)		
On this <u>07th</u> before me,	day of	January	20 <u>04</u> , personally appeare	∍d
		Crystal S. F	Rohde	
known or identified and acknowledged expressed.	to me to be to the same as	he individual v a free act and	who executed the foregoing docun I deed for uses and purposes there	nent ein
SEAL		Notary N My (Public Abby Doyle otary Public, Saginaw County, Michigan Acting in Midland County, Michigan Commission Syron Cotamber 27, 2005	

RECORDED: 01/09/2004

PATENT REEL: 014873 FRAME: 0119