FORM PTQ-1595 Rev. 08/28/92

10-25-2001

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101885463					
	Assistant Commissioner for Patents and Trademarks. Ple	ease record the attached original documents or copy thereof			
	Name of conveying party(ies): William E. Mickols	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 party(ies) is attached.	Additional name(s) & address(es) are attached.			
3.	Nature of conveyance: x Assignment Security Agreement Other	☐ Merger ☐ Change of Name			
Execution Date(s) May 24, 2000; Effective as of April 17, 2000					
4.	Application Number(s) or Patent Number(s):				
	09/550,527 Filed on April 17, 2000				
	If this document is being filed together with a new appl	ication, the execution date of the application is: s) or Patent Number(s) are attached.			
1	Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1			
	Graham E. Taylor The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	 Total fee (37 CFR 3.41) \$40.00 □ Enclosed ☑ Please deduct the above fee from our Deposit Account Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account accordingly. 			
	<u>DO NOT USI</u>	E THIS SPACE			
9.	Statement and signature: To the best of my knowledge and belief, the foregoing inforont the original document.	rmation is true and correct and any attached copy is a true copy			
Dated	l: October 8, 2001	Heather Pomranky Heather Pomranky			
44,20	07 US	Administrative Patent Assistant (989) 636-0903			

Total number of pages including attachments: 3

PATENT

REEL: 012272 FRAME: 0914

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

FORM 110 (R 5/97)

Application No. <u>OP</u> 5.

in country the United States of America

Docket Ref. 44207

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:

COMPOSITE MEMBRANE AND METHOD 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

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference,

_Filing Date _A\(\)

	<u>equivalent</u>	,	THE D.				
			iling Date				
	to the above Drive	country					
	for recordal of this Assignment. Uwe authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True						
			full power to make the same, but also that such a				
		grant, license, or other right heretofore		onghou rights are not			
		, , , , , , , , , , , , , , , , , , , ,	6-				
ubscribed	and Declared by me	fus:					
		lis, Minnesota 55439, U.S.A.	At: day of				
	this <u>24</u> day	of <i>May</i> , 20,	<i>20</i> this day of	, 20			
	Effective as of	April 17, 2000					
	1	Whim E. Malale	1 1				
		with 2 million	Signature:				
	Full Name:	William E. Mickols	Full Name:				
	Residence:	760 Lake Susan Hill Drive	Residence:				
		Chanhassen, Minnesota 55317					
	Country:	United States of America	Country:				
	Citizenship:	United States of America	Citizenship:				
	P. O. Address:		P. O. Address:				
	Employed By:	The Dow Chemical Company	Employed By:				
	Of Country:	United States of America	Of Country:				
	Δt·		Δ+-				
	this day	y of, 20	At: day of	. 20			
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			1 }				
			Signature:	·····			
	Full Name:		Full Name:				
	Residence:		Residence:				
	Country:		Country:				
	Citizenship:		Citizenship:				
	P. O. Address:		P. O. Address:				
	Employed By:		Employed By:				
	Of Country:		Of Country:				

Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/Date

FORM 220

Docket Ref. 44207

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA)
STATE OF MINNESOTA) SS
County/Parish of Hennepin)

On this A day of , 20\implies , personally appeared before me,

William E. Mickols

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.

DOROTHY S. KETCHER Notary Public Minnesota EA Commission Expires Jan. 31, 2005

RECORDED: 10/16/2001

Notary Public

PATENT REEL: 012272 FRAME: 0916