Assistant Commissioner for Paten		5-2002 U.S. DEPARTMENT OF COMM Patent and Trademark C
THE DOW CHEMICAL COMPANY 2030 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA Additional name(s) of conveying party(les) is attached. Additional name(s) of conveying party(les) is attached. Additional name(s) & address(es) are attached. Nature of conveyance: x Assignment Security Agreement Other Execution Date(s) May 15, 2002 4. Application Number(s) or Patent Number(s): 09/970,282 October 2, 2001 If this document is being filled together with a new application, the execution date of the application is: Additional Application Number(s) or Patent Number(s) are attached. 5. Name and address of party to whom correspondence concerning document should be malled: Graham E. Taylor The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America Donot use 1His 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 fine of the original document. Dated: May 22, 2002 Crystal 9. Honaman Office Professional (989) 636-1954	10	4
3. Nature of conveyance: x Assignment ☐ Other ☐ Change of Name Execution Date(s) May 15, 2002 4. Application Number(s) or Patent Number(s): 09/970,282 October 2, 2001 If this document is being filled together with a new application, the execution date of the application is: ☐ Additional Application Number(s) or Patent Number(s) are attached. 5. Name and address of party to whom correspondence concerning document should be malled: Graham E. Taylor The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America 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 frue of the original document. Crystal 9. Honaman Office Professional (989) 636-1954	THE DOW CHEMICAL COMPANY 2030 Dow Center 5 - 31 - 22 Midland, Michigan 48674	DOW GLOBAL TECHNOLOGIES INC Washington Street 1790 Building Midland, Michigan 48674
Security Agreement	Additional name(s) of conveying party(ies) is attached.	Additional name(s) & address(es) are attached.
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56,165,155	5. Name and address of party to whom correspondence concerning document should be malled: Graham E. Taylor The Dow Chemical Company Intellectual Property P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 □ Enclosed □ Please deduct the above fee from our Depondance out incorrect, please debit or credit our account accordingly.
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PATENT REEL: 012940 FRAME: 0828 This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

FORM 440

ASSIGNMENT

(with Priority Rights)

INVENTORSHIP DECLARATION

We, ASSIGNOR, of:

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, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Kevin R. Hughes, 14570 Lakefield Road, Hemlock, Michigan 48626; Robert L. Sammler, 5715 Woodberry Court, Midland, Michigan 48640; Kyung W. Suh, 6204 Evergreen Court, Midland, Michigan 48642; Johan A. Thoen, Dommelstraat 22, Terneuzen, 4535 HB, Netherlands, Belgium; Jin Shao, 2615 Brookwood Drive, Midland, Michigan 48640; Martin H. Tusim 1408 Peppermill Circle, Midland, Michigan 48642

of an invention relating to and entitled:

PROPYLENE POLYMER FOAMS

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell,

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

and interest through own name, or in the application and any	out the world, in and to name of its nominee; ar corresponding applicati	the invention and all and all and all rights and power ons in any and all cou	of Delaware, United States of America our entire right, title rights and powers to make application for Letters Patent in its ers to file any reissue, divisional, continuing or substitute untries, including all rights to claim priority under all
International Conver	tions and Treaties in th	e name of said Assign	nee, and do hereby authorize said Assignee to insert here the
	09/970,282 ed States of America	_ and Filing Date	October 2, 2001
of the application or any and all countries interference, conflic execute any reissue, countries correspond we do hereby author Corresponding App inof the corresponding we do hereby author to the recordal of th	which the priority will s; and we do hereby agr t, opposition or litigatio divisional, continuing of ling to the above and be ize said Assignee to ins ication No. g application in any cou- ize and request that any s Assignment being un-	ee to assist said Assign which may arise involved in the constitute application of the constitute application of the constitute and Filir and Filir of the constitute and Filir of the covenant, not only	to any Letters Patent that may be issued for said invention in gnee in the prosecution of the said applications and in any volving said invention or the patent or patents thereon, and to on and assent to their making any applications in other tified application, as may be requested by said Assignee; and any Date
-			chigan 48674, USA
Subscribed and Swe this 15 day	, 1/5		IEMICAL COMPANY
CORP. SEAL		Bur La	(FL
			E. TAYLOR
		Associate (General Counsel, Intellectual Property

Attach Notarial Certificate (Corporation)

PATENT REEL: 012940 FRAME: 0829 This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AM	RICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
DOW CHEMICAL COMPAN mown or identified to me to be a and acknowledged the same as a	OR, Associate General Counsel, Intellectual Property, THE
further certify that said authorit	dated September 7, 1999, is based on
A Resolution of the Board of I	ectors of the said Corporation,
foregoing document on behalf of	aid individual Attorney-in-fact with full power to sign the the said corporation and that the purposes for which said document is objects or activities of said corporation.
	ann Heiter
SEAL	Notary Public
	ANN HERITIER NOTARY PUBLIC, BAY COUNTY, MICHIGAN

MY COMMISSION EXPIRES DECEMBER 3, 2002

PATENT REEL: 012940 FRAME: 0830 This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. FORM 660

A

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

Washington Street 1790 Building

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated:

May 15, 2002

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

of the invention entitled:

PROPYLENE POLYMER FOAMS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at	Midland, Mjchigan 48674, USA
this <u>15</u>	day of May 2002
	DOW GLOBAL TECHNOLOGIES INC.
CORP	
SEAL	
	By: LLL Y
	GRAHAM E. TAŸLOR
	Vice President

NOTARIAL CERTIFICATE (Corporation)

		`	1 ,
UNITED STATES OF A	MERICA)		
STATE OF MICHIGAN) SS		
County/Parish of Midland	d ()		
On this 5 day of			, personally appeared
			AL TECHNOLOGIES INC.,
	s a free act and deed	for uses and purposes	cuted the foregoing document is therein expressed by authority ware, United States of
I further certify that said author	ority, dated Februar	y 11, 2002, is based o	on
an Authorization Policy of t	he said Corporation	1,	
which I have seen, appointing foregoing document on behalf granted are within the scope of	f of the said corporat	ion and that the purpo	ses for which said document is
		enn Der	itier
SEAL		Notary Public	
		ANN HERE	

NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES DECEMBER 3, 2002

PATENT
RECORDED: 05/31/2002 REEL: 012940 FRAME: 0831