FORM PTO-1595 Rev. 08/28/92 10-15-2001

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101873602 Assistant Commissioner for Patents and Trademarks. Please record the attached original documents or copy thereof Name and address of receiving party(ies): Name of conveying party(ies): THE DOW CHEMICAL COMPANY 2030 Dow Center **SEE ATTACHMENT** Midland, Michigan 48674 UNITED STATES OF AMERICA 10-3-01 Additional name(s) of conveying party(ies) is attached. Additional name(s) & address(es) are attached. 3. Nature of conveyance: ☐ Merger x Assignment ☐ Change ☐ Security Agreement ☐ Other Execution Date(s) ** SEE ATTACHMENT ** 4. Application Number(s) or Patent Number(s): Filed on May 4, 1999 09/304,738 If this document is being filed together with a new application, the execution date of the application is: Additional Application Number(s) or Patent Number(s) are attached. Name and address of party to whom correspondence Total number of applications and patents 6. concerning document should be mailed: involved: 1 \$40.00 Total fee (37 CFR 3.41) Graham E. Taylor ☐ Enclosed The Dow Chemical Company Please deduct the above fee from our Deposit **Intellectual Property** Account P. O. Box 1967 Deposit Account 04-1512. If this estimate is Midland, Michigan 48641-1967 incorrect, please debit or credit our account United States of America 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.

42,444D

10/12/2001 GTUH11 00000107 041512 093047 PI FE:581 40.00 CH

Dated: October 1, 2001

PATENT

Heather Pomranky

(989) 636-0903

Administrative Patent Assistant

REEL: 012237 FRAME: 0338

Debkumar Bhattacharjee

Dwight D. Latham

Gilbert L. Nelson

July 20, 1999

July 14, 1999

August 26, 1999

Effective as of May 4, 1999

PATENT REEL: 012237 FRAME: 0339 FORM 110 (R 5/97)

Subscribe

is 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. 42444D

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:

THE USE OF BO POLYOLS TO IMPROVE THE COMPATIBILITY OF PENTANE AND CYCLOPENTANE IN RIGID POLYURETHANE FOAMS

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

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	
	te May 4, 1999
in country the United States of America	
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 interference, conflict, opposition or litigation which may arise in	t Assignee in the prosecution of the application(s) and in any
	cations derived from, corresponding to or equivalent to the above
identified application as Assignee may request; and I/we do here	
here any corresponding equivalent	of delication and designed (or normalice(s)) to material
Application No. Filing D	Date
in country	
to the above Priority application of any country where that country's patent property must be identified and enjered hereinabove	
for recordal of this Assignment. I/we 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 Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights	
are not encumbered by any grant, license, or other right heretofo	re given.
d and Declared by me/us:	
At Every Town 77541 United States of America	At: Freeport, Texas 77541 United States of America
At: Freeport, Texas 77541 United, States of America this 20 day of July 1999	this 14 day of Suly 1999
Effective as of May 4, 1999	Effective as of May 4, 1999
	Effective as of May 4, 1999
Signature: DeloKumar Bhattacharjer	Signature:
Full Name: Debkumar Bhattacharjee	Full Name: Dwight D. Latham
Residence: 54 Waterlily Court	Residence: 133 Jamestown Avenue
Lake Jackson, Texas 77566	Clute, Texas 77531
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
P. O. Address: Same as Residence	P. O. Address: Same as Residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America
At: Manage United States of America	At:
this 21, day of August 1999 Effective as of May 4, 1999	thisday of19
Effective as of May 4, 1999	
II II LIMI	
Signature: Mull d V Www	Signature:
Full Name: / Gilbert L. Nelson	Full Name:
Residence: 539 East E Street	Residence:
Moscow, Idaho 83843	
Country: United States of America	Country:
Citizenship: United States of America	Citizenship:
P. O. Address: Same as Residence	P. O. Address:
Employed By: The Dow Chemical Company*	Employed By:
Of Country: United States of America	Of Country:
*At the time the Invention was made.	

() Additional names and signatures are attached.

PATENT REEL: 012237 FRAME: 0340

RECORDED: 10/03/2001

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.

NOTARIAL CERTIFICATE (INDIVIDUAL)

County/Parish of On this 20 day of July 19 99, personally appeared before me, Debkumar Bhattacharjee 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.	
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.	
Recognises Secretarias Jummin & Jum	
SEAL TAMMY L. TIPPS Notary Public	
NOTARIAL CERTIFICATE (INDIVIDUAL)	
UNITED STATES OF AMERICA) STATE OF) SS County/Parish of)	
On this 14 day of July 1999, personally appeared before me,	
Dwight D. Latham 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.	
TAMMY L. TIPPS Notary Public, State of Texas My Commission Expires March 10, 2002	
NOTARIAL CERTIFICATE (INDIVIDUAL)	
UNITED STATES OF AMERICA) STATE OF) SS County/Parish of)	
On this <u>26</u> day of <u>August</u> 19 <u>99</u> , personally appeared before me,	
Gilbert L. Nelson 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 Notary Public	
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HEIDI M. THOMPSON NOTARY PUBLIC STATE OF IDAHO THE CONTROL OF T	

PATENT REEL: 012237 FRAME: 0341