06-19-02

06-27-2002



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

102137309		
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original Patents and Trademarks.		
1. Name of conveying party(ies): Pradeep Jain, Lonnie G. Hazlitt, Jacquelyn A. deGroot, Kenneth W. Anderson	2. Name and address of receiving party(ies):	
	Name: The Dow Chemical Company	
	Internal Address: 2030 Dow Center Midland, Michigan 48674	
Additional name(s) of conveying party(ies) attached? □ yes ■ no	radiand, michigan 700/7	
Additional name(s) of conveying party(ies) attached:	Street Address: 2030 Dow Center	
3. Nature of Conveyance:	Midland, Michigan 48674	
■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □	Additional name(s) & address(es) attached? □ Yes ■ No	
Execution Date: 10/12/98; 10/08/98; 10/19/98; 10/07/98; respectively.		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application.	plication is:	
A. Patent Application No.(s) 09/156,948	B. Patent No.(s)	
Additional numbers attached?	? □ Yes ■ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved: 1	
Name: J. Benjamin Bai, PhD	7. Total fee (37 CFR 3.41): \$ 40.00	
Internal Address: Jenkens & Gilchrist, P.C.	☐ Previously forwarded on	
Street Address: 1100 Louisiana, Suite 1800	■ Enclosed ■ Authorized deficiency to be charged to deposit account.*	
City: Houston Statee: TX Zip: 77002		
	*If check is not received with this correspondence or additional fees are required, please charge to deposit account 10-0447 (43225.43941AUSP) (Bai-3570)	
	8. Deposit account number: 10-0447	
	(Attach duplicate copy of this page if paying by deposit account)	
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9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information is true and corr	ect and any attached copy is a true copy of the original document.	
J. Benjamin Bai, Reg. No. 43,481	Bar June 17, 2002	
Name of Person Signing Signature	Date	
Total number of pages comprising cover sheet: 1		
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PATENT REEL: 013022 FRAME: 0334 ent 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

FORM 110 (R 5/97)

Docket Ref. 43491A

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:

NARROW MWD, COMPOSITIONALLY OPTIMIZED ETHYLENE INTERPOLYMER COMPOSITION, PROCESS FOR MAKING THE SAME AND ARTICLE MADE THEREFROM

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 CHEMICA	AL COMPANY			
2030 Dow Center				
Midland, Michigan 48				
United States of America				
including provisional applications when permitted by law, for L nominee(s)); and all rights and powers to file any corresponding	nd to the invention and all rights and powers to make applications, etters Patent in its own name, or in the name of its designee (or g or equivalent applications in any and all countries, including all ternational Convention(s) and Treaties in the name of Assignee,			
Application No. 09/156,948 Filing Date Sept	tember 18, 1998			
in country the United States of America				
of the application, on which the claim for priority will be based;				
invention in any and all countries. I/we do hereby agree to assis				
interference, conflict, opposition or litigation which may arise in	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	<u> </u>			
Application No. Filing I	Date			
in country				
	ntry's patent property must be identified and entered hereinabove			
	designee to translate this Assignment into all languages necessary;			
and we request that any such Letters Patent be issued to Assigne				
True Copy thereof, being under covenant not only that I we have	e full power to make the same, but also that such assigned rights			
are not encumbered by any grant, license, or other right heretofe Subscribed and Declared by me/us:	ore given.			
	A. EDDEDODE TEVAC SSEAL VICA			
At: BSL, Werk Shkopau, Schkopau, Germon	At: FREEPORT, TEXAS 77541, USA this Z day of Colore 1998			
this 12 day of October 1993	Effective as of September 18, 1998.			
Effective as of September 18, 1998.	Effective as of september 16, 1996.			
Signature: Saskur	Signature: Some of Rated			
Full Name: Pradeep Jany	Full Name: Lonnie G. Hazlitt			
Residence: 308 Banyon Drive	Residence: 110 Wedgewood			
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566			
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: FREEPORT, TEXAS, 77541, USA	At: FREEPORT, TEXAS 77541, USA			
this 19 day of October 19 97	this 7th day of October 1998			
Effective as of September 18, 1998.	Effective as of September 18, 1998.			
	4 10101			
Signature: Carayovina A OCCC	Signature: Kermith W. William			
Full Name: Jacquelyn A. neGroot	Full Name: Kenneth W. Anderson			
Residence: 349 Timbercreek Drive	Residence: 54 Banyan Court			
Lake Jackson, Texas 77566	Lake Jackson, Texas 77566			
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			

() Additional names and signatures are attached.

ignment 222 is in the ENGLISH language and has the same meaning is other languages with the same 221 number and R/Date.

nt 272 is in the ENGLISH language and has the su

FORM 222

Docket Ref. 43491A

NOTARIAL C	ERTIFICATE (INDIVIDUAL)			
UNITED STATES OF AMERICA) STATE OF TEXAS) County/Parish of Brazoria)	SS			
before me,	19 <u>98</u> , personally appeared			
Kenneth W. Anderson 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	Maufan M. Marxetto Notary Public MaryAnn M. Navarrette			
NOTARIAL CERTIFICATE (INDIVIDUAL)				
UNITED STATES OF AMERICA) STATE OF TEXAS) County/Parish of Brazoria)	SS			
On this 8th day of Octob before me,	19 <u>98</u> , personally appeared			
Lonnie G. Hazlitt 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	Mauflenn M. Markette Notary Public MaryAnn M. Navarrette			
NOTARIAL CERTIFICATE (INDIVIDUAL)				
UNITED STATES OF AMERICA) STATE OF TEXAS) County/Parish of Brazoria)	SS			
On this 19th day of Octobefore me,	19 <u>98</u> , personally appeared acquelyn A. deGroot			
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				

SEAL

purposes therein expressed.

Notary Public MaryAnn M. Navarrette This Form 881 is in the ENGLISH language and has the same meaning in other languages with the same 881 number.

FORM 881

Dow Case No. 43491A

SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

I,	DRUNIS	0,	m CONNECC
----	--------	----	-----------

Whose full post office address is:

51 DAK HOLLOW CIRCLE

LAKR JACKSON, Tx 77566

Make oath and say that I was personally present and did see:

Pradeep Jain

RECORDED: 06/17/2002

Who is/are personally known or identified to me to be the inventor(s) named in the attached assignment, duly sign and execute the same for the purposes therein stated.

Signed at: BSL, Werk Schkopan, Schkopan, Germany

On this 12 day of October 1998

Subscribing Witness

08/90