

Rev. 08/28/92	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 69539			
Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.				
1. Name of conveying party(ies): DOW BENELUX N.V. Aert van Nesstraat 45 3012 CA Rotterdam THE NETHERLANDS	2. Name and address of receiving party(les): THE DOW CHEMICAL COMPANY 2030 Dow Center, Abbott Road Midland, Michigan 48640 United States of America			
Additional name(s) of conveying party(ies) is attached.	Additional name(s) & address(es) are attached.			
3. Nature of conveyance:				
	☐ Merger☐ Change of Name			
Execution Date(s) August 25, 1997				
4. Application Number(s) or Patent Number(s):	(* 3 (* 3			
08/734,945 October 22, 1996	SECTION			
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.				
5. Name and address of party to whom correspondence concerning document should be mailed: 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: 1/2 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed ☑ Please deduct the above fee from our Deposit Account 8. Deposit Account 04-1512. If this estimate is incorrect, please debit or credit our account accordingly. 			
DO NOT USE THIS SPACE				
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: October 22, 2002

42,507 US

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10/31/2002 LMUELLER 00000167 041512 08734945

40.00 CH

Office Professional (989) 636-1954

Total number of pages including attachments: 4

PATENT REEL: 013434 FRAME: 0903 This Assignee Acceptance 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:

DOW BENELUX N.V. Aert van Nesstraat 45 3012 CA Rotterdam THE NETHERLANDS

a corporation organized and existing under the laws of **The Netherlands** 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):

Gerardus J. Timmermans, Van Speykstraat 21, 4535 BN Terneuzen, The Netherlands

Henricus J. Morgenstern, Fahrenheitlaan 24, 4532 TB Tecrneuzen, The Netherlands

by an Assignment dated: November 20, 1996 of an invention relating to and entitled:

METHOD AND APPARATUS FOR CONTROLLING SEVERITY OF CRACKING OPERATIONS BY NEAR INFRARED ANALYSIS IN THE GAS PHASE USING FIBER OPTICS

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

received, sell,

WE, the ASSIGNEE:

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 our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignce to insert here the October 22, 1996 and Filing Date_ 08/734,945 Priority Number_ **United States of America** of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the _and Filing Date Corresponding Application No. of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given. Subscribed and Sworn by us at ___Midland, Michigan 48674, U.S.A. this 25 day of Cugust 1997 CORP. SEAL STEPHEN S. GRACE General Patent Counsel, THE DOW CHEMICAL

General Patent Counsel, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW BENELUX N.V. By authority of a Power of Attorney dated September 1, 1994

Attach Notarial Certificate (Corporation)

PATENT REEL: 013434 FRAME: 0904 This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

UNITED STATES OF AMERICA)

NOTARIAL CERTIFICATE (Corporation)

STATE OF Michigan) SS						
County/Parish of Midland)						
On this 25 day of C	Tuaust	19 <u>97</u> , personally appeared before					
me, STEPHEN S. GRACE, General Patent Counsel, THE DOW CHEMICAL COMPANY,							
known or identified to me to be th	e 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 by authority of the said

Corporation incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated July 14, 1994, is based on

A Resolution of the Board of Directors of the said Corporation

which I have seen, appointing the said individual **Attorney-in-fact** with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

Caroline ann

SEAL

CAROLINE ANN KING
Notary Public, Gladwin County, Michigan
Acting in Midland County, Michigan
My Commission Expires June 12, 1999

ale

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.

at	Midland, Michiga	n 48674, USA				
this 22 nd	day of	October	20 <u>02</u>			
		Off	rystal S. Rohde ice Professional CHEMICAL COMP	PANY		
NOTARIAL CERTIFICATE						
STATE OF N	ATES OF AMERICA MICHIGAN th of Midland	A)) SS)				
On this <u>22</u> appeared be	day of fore me,	October	20 <u>02</u>	, personally		
Crystal S. Rohde						
known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.						
SEAL		Notary F	. a, o. leo⊈ &i€N			
			SOME POSSIL VANCE			

RECORDED: 10/28/2002

PATENT REEL: 013434 FRAME: 0906

MY COMMISSION EXPIRES JUNE 12, 2003