04-27-1999

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DATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

FATENTS ONLY

Assistant Commissioner for Patents and Trademarks: Plea	ase record the attached original documents or copy thereof.
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(ies): 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:	
x Assignment Security Agreement Other	☐ Merger ☐ Change of Name
Execution Date(s) January 23, 1998	
5. If this document is being filed together with a new application application is: Additional Application Number(s	on, the execution date of the s) or Patent Number(s) are attached.
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Stephen S. Grace The Dow Chemical Company Patent Department P. O. Box 1967 Midland, Michigan 48641-1967 United States of America	 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	L

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: April 16, 1999

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Total number of pages including attachments: 4

Administrative Patent Assistant

Deborah Crosby DuLude

517-636-0630

PATENT REEL: 9904 FRAME: 0370 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):

Matheus J.M. van der Aalst, Dinkelstraat 36, 4535 EC Terneuzen, The Netherlands; Mohammed S. U. Samson, Beethovenhof 51, 4536 AE Terneuzen, The Netherlands; Garmt R. Meima, 4705 Pinewood Drive, Midland, Michigan 48640, United States of America; Michael Q. de Steenwinkel, Spuikompark 1, 4553 BC Philippine, The Netherlands

by an Assignment dated: December 15, 16, 18, 1997 and January 15, 1998 of an invention relating to and entitled:

A ZEOLITE-BASED ETHYLBENZENE PROCESS ADAPTABLE TO AN ALUMINUM CHLORIDE-BASED ETHYLBENZENE PLANT

We do hereby declare, effective as of October 1, 1997, 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 Assignee to insert here the
Priority Number PCT/US97/17844 and Filing Date October 1, 1997
in <u>International</u>
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
Corresponding Application No. 08/945,595 and Filing Date February 17, 1998
in <u>United States of America</u>
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.
22 June 98
this $\frac{23}{2}$ day of $3000000000000000000000000000000000000$
ADOW BENELUX N.V.
CORP.
SEAL W
By: Holly Wildle
STEPHEN S. GRACE
General Patent Counsel, THE DOW CHEMICAL
COMPANY, authorized to act for and on behalf of DOW
BENELUX N.V.
FARLING A LIX IN V

Attach Notarial Certificate (Corporation)

PATENT REEL: 9904 FRAME: 0371 This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number. FORM 660

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: January 23, 1998

From, the ASSIGNOR: DOW BENELUX N.V.

> Aert van Nesstraat 45 3012 CA Rotterdam THE NETHERLANDS

of the invention entitled:

A ZEOLITE-BASED ETHYLBENZENE PROCESS ADAPTABLE TO AN ALUMINUM CHLORIDE-BASED ETHYLBENZENE PLANT

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 Mi	dland, Michigan 48674, U.S.A.
this <u>23</u> day o	of January 1998
	THE DOW CHEMICAL COMPANY
CORP.	
SEAL	1/2///
	By: / Yellulo/Sill
	STEPHEN S. GRACE General Patent Counsel
NOT	
NOI	CARIAL CERTIFICATE (Corporation)
UNITED STATE	S OF AMERICA)
STATE OF Mich	igan) SS
County/Parish of	Midland)
On this <u> </u>	day of January 1998, personally appeared
	EN S. GRACE, General Patent Counsel, THE DOW CHEMICAL
COMPANY,	
known or identified t	o me to be the individual described in and who executed the foregoing document
	e same as a free act and deed for uses and purposes therein expressed by authority
of the said Corporation	on incorporated under the laws of the State of Delaware, United States of America.
I further certify that s	aid 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.

SEAL

REBECCA S. LINTON NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDEAND COLORDY, MICHIGAN MY COMMISSION EXPIRES NOVEMBER 15, 1999

> PATENT **REEL: 9904 FRAME: 0372**

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 23 day of 1998, personally

On this 23 day of 1928, personally appeared before me, STEPHEN S. GRACE, General Patent Counsel, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW BENELUX N.V., 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 by authority of the said Corporation incorporated under the laws of The Netherlands.

I further certify that said authority, dated September 1, 1994, is based on

A Power of Attorney

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.

SEAL

REBECCA S. LINTON
NOTARY PUBLIC, BAY COUNTY, MICHIGAN
ACTING IN MICHAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES NOVEMBER 15, 1999

Reversa S. Linton
Notary Public

PATENT REEL: 9904 FRAME: 0373

RECORDED: 04/22/1999