	$\begin{array}{c} A \text{ PTO-1595} \\ D8/28/92 \\ \blacksquare \\ \end{array} $	30-2002 2072642	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
	Assistant Commissioner for Patents and Trademark	s: Please record the attached original	documents or copy thereof.
1.	Name of conveying party(ies): Robert E. LaPointe H. I. C. D.L.	THE DOW CH 2030 Dow Cen Midland, Michi	
	Additional name(s) of conveying party(ies) is attached	. Additional name(s)	& address(es) are attached.
3.	Nature of conveyance: × Assignment Security Agreement Other		erger nange of Name
	Execution Date(s) January 21, 1999		
4.	Application Number(s) or Patent Number(s):		www.estanting.com/action/a
5.	09/251,664 February 17, 1999 09/823,650 April 02, 2002 If this document is being filed together with a new Additional Application Num Name and address of party to whom correspondence concerning document should be mailed:	iber(s) or Patent Number(s) an	e attached. Der of applications and patents
5.	09/823,650 April 02, 2002 If this document is being filed together with a new Additional Application Num 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	ber(s) or Patent Number(s) and 6. Total numb involved: 1 7. Total fee (37 C ☐ Enclosed	e attached. Der of applications and patents
5.	09/823,650 April 02, 2002 If this document is being filed together with a new Additional Application Num Name and address of party to whom correspondence concerning document should be mailed: Graham E. Taylor The Dow Chemical Company Intellectual Property	6. Total number(s) and 6. Total number involved: 1 7. Total fee (37 C Enclosed X Please dec Account 8. <b>Deposit Acc</b>	e attached. Der of applications and patents FR 3.41) \$80.00
5.	09/823,650 April 02, 2002      If this document is being filed together with a new	6. Total number(s) and 6. Total number involved: 1 7. Total fee (37 C ☐ Enclosed X Please dec Account 8. <b>Deposit Acc</b> incorrect, please	e attached. per of applications and patents FR 3.41) \$80.00 duct the above fee from our Deposit count <u>04-1512</u> . If this estimate is
5.	09/823,650 April 02, 2002      If this document is being filed together with a new	6. Total number 6. Total number involved: 1 7. Total fee (37 C Enclosed X Please dec Account 8. <b>Deposit Acc</b> incorrect, please accordingly.	e attached. per of applications and patents FR 3.41) \$80.00 duct the above fee from our Deposit count <u>04-1512</u> . If this estimate is se debit or credit our account
9. Dated	O9/823,650 April 02, 2002      If this document is being filed together with a new	6. Total number(s) and 6. Total number involved: 1 7. Total fee (37 C ☐ Enclosed Ø Please dec Account 8. <b>Depo sit Acc</b> incorrect, please accordingly. <u>I USE THIS SPACE</u> <i>information is true and correct</i> <u>OutOut</u> Crystal S. Honama Office Professiona	e attached. per of applications and patents FR 3.41) \$80.00 duct the above fee from our Deposit count <u>04-1512</u> . If this estimate is se debit or credit our account t and any attached copy is a true copy A. Haraman
9. Dated	O9/823,650 April 02, 2002  If this document is being filed together with a new	6. Total number(s) and 6. Total number involved: 1 7. Total fee (37 C Enclosed 2 Please dec Account 8. <b>Depo sit Acc</b> incorrect, please accordingly. <u>TUSE THIS SPACE</u> tinformation is true and correct Crystal S. Honama	e attached. Der of applications and patents FR 3.41) \$80.00 duct the above fee from our Deposit count <u>04-1512</u> . If this estimate is se debit or credit our account t and any attached copy is a true copy A. Horaman al

PATENT REEL: 012832 FRAME: 0236 This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the sa

FORM 110 (R 5/97)

## 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:

CATALYST ACTIVATORS COMPRISING EXPANDED ANIONS

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employees 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

Filing Date February 17, 1999 Application No. \_\_09/251.664

## 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 Assignce in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent

Application No. 09/823,650 Filing Date April 02, 2001 in country the United States of America

to the above Priority application of any country where that country's patent property must be identified and entered 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 heretofore given.

Subscribed and Declared by me/us:

At: MIDLAND, MICHIGAN 48674 USA this 21 day of January 1999	At:
Signature: <b>7.47 E. 1/13</b> Full Name:Robert E. LaPointeResidence:3824 Todd StreetMidland, Michigan 48642Country:United States of AmericaCitizenship:United States of AmericaP. O. Address:Same as ResidenceEmployed By:The Dow Chemical CompanyOf Country:United States of America	Signature: Full Name: Residence: Country: Citizenship: P. O. Address: Same as Residence Employed By: Of Country:
At:	At:
Signature: Full Name: Residence:	Signature: Full Name: Residence:
Country: Citizenship: P. O. Address: Same as Residence Employed By: Of Country:	Country: Citizenship: P. O. Address: Same as Residence Employed By: Of Country:

( ) Additional names and signatures are attached.

## PATENT REEL: 012832 FRAME: 0237

Docket Ref. 44063A css

This Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/Dute. • 220 • 2 signment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/Date

**FORM 220** 

Docket Ref. 44063A css

## NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA ) STATE OF MICHIGAN SS ) County/Parish of Midland )

tanuary \_\_\_\_\_19<u>9</u>9, personally appeared On this  $\underline{21}$  day of  $\underline{-}$ before me,

Robert E. LaPointe

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. e.

SEAL

Notary Public

CARLA 5. SAMUEL NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES OCTOBER 10, 2000

Orla S. Samuel

PATENT REEL: 012832 FRAME: 0238

**RECORDED: 04/17/2002**