13/02 04-04-2002 R

Rev. 08/28/92

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

	Assistant Commissioner for Patents and Trademarks: Ple	ease record the attached original documents or copy thereof	f.	
1.	Name of conveying party(ies): David E. Laycock Kendra L. Flagler	2. Name and address of receiving party(ies): DOW CHEMICAL CANADA INC. 250 – 6 Avenue S.W., Suite 2200 Calgary, Alberta Canada T2P 3Hu		
	Additional name(s) of conveying party(ies) is attached.	Additional name(s) & address(es) are	attached.	್ಷ
3.	Nature of conveyance: Assignment Security Agreement Other Execution Date(s): September 5, 7, 2000	☐ Merger ☐ Change of Name Effective as of May 19, 2000	FINANCE SECTION	Cr
			The said	
	09/574,923 May 19, 2000 If this document is being filed together with a new ap Additional Application Number(oplication, the execution date of the applications) or Patent Number(s) are attached.	on is:	
5.	If this document is being filed together with a new ap			
	If this document is being filed together with a new application Number(s) or Patent Number(s) are attached. 6. Total number of applications a	and patents OO from our Deposi	

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: March 6, 2002

Office Professional (989) 636-1954

60,040 US

Total number of pages including attachments: 6

PATENT REEL: 012740 FRAME: 0649

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

FORM 110 (R 5/97)

Subscribed

Docket Ref. 60040

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:

METAL HEXACYANOCOBALTATE NITROFERRICYANIDE COMPLEXES

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:

DOW CHEMICAL CANADA INC. 250 - 6 Avenue S.W., Suite 2200 Calgary, Alberta CANADA T2P 3Hu

a corporation organized and existing under the laws of CANADA

(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

do hereby authorize Assignee or its designee to insert here the							
Application No. 09/574,923 Filing	3 Date May 19, 2000						
in country the United States of America	; Dute						
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	Assignee in the prosecution of the application(s) and in any						
interference, conflict, opposition or litigation which may arise in	volving the invention or the patent or patents thereon, and to						
execute for any and all countries any document relating to applica	ations derived from, corresponding to or equivalent to the above						
identified application as Assignee may request; and I/we do hereb	by authorize Assignee or its designee (or nominee(s)) to insert here						
any corresponding equivalent							
Application NoFiling L	Date						
in country							
to the above Priority application of any country where that coun	ntry's patent property must be identified and entered hereinabove						
for recordal of this Assignment. If we authorize Assignee or its d	lesignee to translate this Assignment into all languages necessary;						
Convertee of heing under covenant not only that I have here full n	e; and consent to the recordal of this Assignment, or a Notarial True						
encumbered by any grant, license, or other right heretofore given.	power to make the same, but also that such assigned rights are not						
encombered by any grant, meense, or outer right heretorore given.	•						
and Declared by me/us:							
At: Miscisauga, Ontario, Carrada	At: Missisauga Ontario, Canada						
this str day of september , 20 00	this 5th day of September , 2000						
Effective as of May 19, 2000	Effective as of May 19, 2000						
Signature:	Signature: Kendra Hayl						
Full Name: David E. Laycock	Full Name: Kendra L. Flagler						
Residence: 335 Blanche Street	Residence: 121 Wychwood						
Ontario, Canada N7T 6N6	Fenelon Falls, Canada K0M 1N0						
Country: Canada	Country: Canada						
Citizenship: Canada	Citizenship: Canada						
P. O. Address: Same as Residence	P. O. Address: Same as Residence						
Employed By: Dow Chemical Canada Inc.	Employed By: Dow Chemical Canada Inc.						
Of Country: Canada	Of Country: Canada						
At: SARNIA ONTARIO	At:						
this 7 day of Jantembe, 20 00	At: day of						
	- '						
Signature: Turned Carcon.	Signature:						
Full Name: (DAVID E. LAYCOCK	Full Name:						
Residence: 335 BLANCHE ST.	Residence:						
SARNIA ONT CAN							
Country: CANADA NATENG	Country:						
Citizenship: CANADA	Citizenship:						
P. O. Address: Same as Residence	P. O. Address: Same as Residence						
Employed By: DOW CHEMICAL CANADA IN	Employed By:						
Of Country:	Of Country						

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. 60040

SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

I. WILLIAM RIDLEY
Whose full post office address is:
5389 RIVERSIDE DR
BURLINGTON, ON L7L 3Y 1
Make oath and say that I was personally present and did see:
Kendra L. Flagler
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: MISSISS AUGIA, ON.
On this 6 day of SEPTEMBER, 2000

08/90

PATENT REEL: 012740 FRAME: 0651

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. 60040

SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT

I. Dale G Hunter

Whose full post office address is:

1071 Brimwood Crescent Sarnia, Ontario, CANADA N7S 5E8

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

David E. Laylock

The Date

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.

08/90

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:

DOW CHEMICAL CANADA INC. 250 - 6 Avenue S.W., Suite 2200

Calgary, Alberta CANADA T2P 3Hu

NOTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA) STATE OF Michigan) SS County/Parish of Midland) On this	hereby accept the ASSIGNMENT attached hereto which is dated: May 19, 2000 and September 7, 2000
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 Midland, Michigan 48674, U.S.A. this 4 day of MICLEMBER , 2001 DOW CHEMICAL CANADA INC. CORP. SEAL By: GRAHAM E. TAYLOR Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW CHEMICAL CANADA INC. NOTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA) STATE OF Michigan) SS County/Parish of Midland) On this 4 day of MICLEMBER , 2001 , personally appeared before me, GRAHAM E. TAYLOR, Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW CHEMICAL CANADA INC. 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 CANADA. If further certify that said authority, dated September 23, 1999 , 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	From, the ASSIGNOR: David E. Laycock, 335 Blanche Street, Sarnia, Ontario, Canada N7T 6N6, Canada; Kendra L. Flagler, 121 Wychwood, Fenelon Falls, Canada K0M 1N0, Canada
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 Midland, Michigan 48674, U.S.A. this 4 day of Michigan 48674, U.S.A. this 4 day of Michigan 48674, U.S.A. this 4 day of Michigan 48674, U.S.A. DOW CHEMICAL CANADA INC. CORP. SEAL By: 6RAHAM E. TAYLOR Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW CHEMICAL CANADA INC. NOTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA) STATE OF Michigan) SS County/Parish of Midland) On this 4 day of Michigan) SS County/Parish of Midland) On this 6 day of Michigan (SC) 1 personally appeared before me, GRAHAM E. TAYLOR, Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW CHEMICAL CANADA INC. 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 CANADA. I further certify that said authority, dated September 23, 1999 , 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	of the invention entitled:
CORP. SEAL By: GRAHAM E. TAYLOR ASSOCIATE OF Michigan On this CONTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA STATE OF Michigan On this CONTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA STATE OF Michigan On this CONTARIAL CERTIFICATE On this CONTARIAL CERTIFICATE CORP. STATE OF Michigan On this CONTARIAL CERTIFICATE CORPORATION STATE OF Michigan On this COUNTY/Parish of Midland On this COUNTY/Parish of Midland On this CONTARIAL CERTIFICATE CONTARIAL CERTIFICATE CONTARIAL CONTARIAL STATE OF Michigan ON this COUNTY/Parish of Midland On this CONTARIAL CONTARIAL CONTARIAL CONTARIAL STATE OF Michigan ON this CONTARIAL CONTARIAL CONTARIAL CONTARIAL CONTARIAL CORPANY, authorized to act for and on behalf of DOW CHEMICAL CANADA INC. 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 CANADA. If further certify that said authority, dated September 23, 1999 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	METAL HEXACYANOCOBALTATE NITROFERRICYANIDE COMPLEXES
DOW CHEMICAL CANADA INC. CORP. SEAL By: GRAHAM E. TAYLOR Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW CHEMICAL CANADA INC. NOTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA) STATE OF Michigan) SS County/Parish of Midland) On this 4 day of SCUMBER , 2001 , personally appeared before me, GRAHAM E. TAYLOR, Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW CHEMICAL CANADA INC. 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 CANADA. I further certify that said authority, dated September 23, 1999 , 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	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.
DOW CHEMICAL CANADA INC. By: GRAHAM E. TAYLOR Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW CHEMICAL CANADA INC. NOTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA) STATE OF Michigan) SS County/Parish of Midland) On this 4 day of Occurred Occ	Signed at Midland, Michigan 48674, U.S.A.
CORP. SEAL By: GRAHAM E. TAYLOR Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW CHEMICAL CANADA INC. NOTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA) STATE OF Michigan) SS County/Parish of Midland) On this	this 14 day of Alcember, 2001
SEAL By: GRAHAM E. TAYLOR Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW CHEMICAL CANADA INC. NOTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA) STATE OF Michigan) SS County/Parish of Midland) On this	DOW CHEMICAL CANADA INC.
Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW CHEMICAL CANADA INC. NOTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA) STATE OF Michigan) SS County/Parish of Midland) On this	SEAL JAN
UNITED STATES OF AMERICA) STATE OF Michigan) SS County/Parish of Midland) On this	Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and
STATE OF Michigan On this	NOTARIAL CERTIFICATE (Corporation)
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 CANADA. I further certify that said authority, dated September 23, 1999, 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	STATE OF Michigan) SS County/Parish of Midland) On this/ day of, 205/, personally appeared before me, GRAHAM E. TAYLOR, Associate General Counsel, Intellectual Property, THE DOW CHEMICAL COMPANY, authorized to act for and on behalf of DOW CHEMICAL
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	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 CANADA .
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	I further certify that said authority, dated September 23, 1999 , is based on
foregoing document on behalf of the said corporation and that the purposes for which said document is	A Power of Attorney
SEAL Notary Public	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.

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, Michi	igan 48674, USA		
this 6th day of	March	20_02	
NOT	Off	stal S. Honaman fice Professional CHEMICAL COMPA	ANY
<u> 140 i .</u>	ANIAL CEN	IIFICATE	
UNITED STATES OF AMER STATE OF MICHIGAN County/Parish of Midland	ICA)) SS)		
On this <u>6th</u> day of <u>n</u> appeared before me,	larch	20	personally
Crystal S. Hon	aman		
known or identified to me to be and acknowledged the same expressed.			
SE Ą L	Oa. Notary F	roleno Ann	King
cap		CAROLINE ANN KI	NG mar agreement
		MOTARY PUBLIC, GLADYIN COURT	i e, stilleringen

RECORDED: 03/13/2002

PATENT REEL: 012740 FRAME: 0654

ACTING IN MIDLACED COUNTY, MICHIGAN MY COMMERCES THE COUNTY IN ICHIGAN