FORM PTO-1595 Rev. 08/28/92

R



102555260__

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): THE DOW CHEMICAL COMPANY Robert J. Lindesmith 2030 Dow Center John L. Clement Midland, Michigan 48674 **Donald Grinwis** 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 x Assignment Change of Name ☐ Security Agreement ☐ Other Execution Date(s) April 27, May, 1, 9, 2000 Effective as of January 12, 2000 Application Number(s) or Patent Number(s): 09/482,386 January 12, 2000 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. Name and address of party to whom correspondence Total number of applications and patents concerning document should be mailed: involved: 1 Total fee (37 CFR 3.41) \$40.00 The Dow Chemical Company ☐ Enclosed Intellectual Property Please deduct the above fee from our Deposit P. O. Box 1967 Midland, Michigan 48641-1967 Deposit Account 04-1512. If this estimate is United States of America incorrect, please debit or credit our account accordingly. DO NOT USE THIS SPACE 9 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: September 12, 2003

44,146 US

9/17/2003 LMUELLER 00000146 041512 09482386

01 FC:8021

40.00 DA

Office Professional (989) 636-1954

Total number of pages including attachments: 6

PATENT REEL: 014493 FRAME: 0178 FORM 110 (R 5/97)

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Deate

Docket Ref. 44146 Page 4 of 6

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:

PROCESS CONTROL SYSTEM WITH INTEGRATED SAFETY CONTROL SYSTEM

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 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

	•			_		10	0000	
	Application No.	09/482,386	Filing Dat	eJe	nuary	12,	2000	
	n 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							
		l all countries. I/we do hereby ag						
		t, opposition or litigation which						
	execute for any and	all countries any document relati	ng to application	s derived from,	correspon	ding to	or equivalent to the	e above
	identified application	on as Assignee may request; and l	/we do hereby at	thorize Assigne	ee or its de	signee	(or nominee(s)) to i	nsert here
	any corresponding	<u>equivalent</u>						
	Application No		Filing Date	Pate				
	in country							_
		y application of any country who						
		Assignment. I/we authorize Assi						
		any such Letters Patent be issued						
		under covenant not only that I/w		r to make the sa	ime, but al	so that	such assigned right	s are not
	encumbered by any	grant, license, or other right here	tofore given.					
		,						
Subscribed	i and Declared by me	rus:						
		5: 11 40/54 YIGA		X5: 31 1 X	<i>6</i> : 1:	49/74	TICA	
	At: Midland, N	dichigan 48674 USA	20.00	At: Midland, N	lichigan	486/4 4 7	105A 12/6 27	2000
	this 15th day o	or	20 <u>00</u> t	his day o	I	4/	46 61	2000
		anuary 12, 2000		Effective as of	anuary 1	2, 2000	' /	
	$ \mathcal{A}\mathcal{D}_{r}$	obert J. Lindes	mitte	(1//	10	2 d-	
		Robert J. Lindesmith		ignature:	De la companya dela companya dela companya dela companya de la companya de la companya de la companya dela companya de la companya de la companya dela company		ement	i
	Full Name:			full Name: //	John L.			
	Residence:	870 South Patterson Road	1 1-	Residence: U	1506 W		-	
		Midland, Michigan 48640-8	1 1	_			nigan 48642	
	Country:	United States of America		Country:			of America	
	Citizenship:	United States of America		Citizenship:			of America	
	P. O. Address:	Same As Residence		P. O. Address:				
	Employed By:	The Dow Chemical Compan	y j] F	Employed By:	The Dov	v Cher	nical Company	
	Of Country:	United States of America		Of Country:	United S	itates e	of America	
	At: Midland, Michigan 48674 USA			At:				
	this 9 day		20.00 It	his day	of			20
	Effective as of January 12, 2000 Signature: Osnald Linuio				·			
			1 t					
			40	Signature:				
	Full Name:	Donald Grinwis		Full Name:				
	ľ	2201 Burlington	1 1-	Residence:				
	Residence:	9	!	residence.				
		Midland, Michigan 48642		Country.				1
	Country:	United States of America		Country:				
	Citizenship:	United States of America	1 1	Citizenship:				
	P. O. Address:	Same As Residence	1 1	P. O. Address:				
	Employed By:	The Dow Chemical Compar		Employed By:				
	Of Country:	United States of America	119	Of Country:				
	*At the time of invention		1 L					

(X) Additional names and signatures are attached.

Assignment 22) is in the ENCHLISH language and has the same meaning in other languages with the same 221 number and R/Dak

FORM 221

Docket Ref. 44146

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA)	
STATE OF MICHIGAN) SS	
County/Parish of Midland)	
On this 1744 day of before me,	april	20 <u>0</u> , personally appeared
	Edward R	Sederlund

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

JENNIFER S. HAVERCAMP NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES MAY 12, 2002

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland)) SS)	
On this day of before me,	May Robert J. Lindesmi	20 <u>/</u> , personally appeared

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

JENNIFER S. HAVERCAMP NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES MAY 12, 2002 UNITED STATES OF AMERICA

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

FORM 221 Docket Ref. **44146**

NOTARIAL CERTIFICATE (INDIVIDUAL)

STATE OF MICHIGAN County/Parish of Midland) SS		
On this 27th day of before me,	april	20 <u>20</u> , person	nally appeared
	John L.	Clement	
known or identified to me to foregoing document and ack purposes therein expressed.			
		Jani Jan	Haverans
SEAL		Notary Public	. 1 jew (camp

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA) STATE OF MICHIGAN) State Of Michigan)	S
On this 4 day of Ma before me,	20 <u>()()</u> , personally appeared Donald Grinwis

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

JENNIFER S. HAVERCAMP NOTARY PUBLIC, BAY COUNTY, ARCHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES MAY 12, 2002

JENNIFER S. HAVERCAMP NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXCESS MAY 12 2002 **○660** • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 660 • 66

This Assignce 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: April 17, 2000; May 1, 2000; April 27, 2000; May 9, 2000

Edward R. Sederlund, 4710 Ashland, Saginaw, Michigan 48603, United From, the ASSIGNOR: States of America; Robert J. Lindesmith, 870 South Patterson Road, Midland, Michigan 48640-8971, United States of America; John L. Clement, 1506 Whitehall, Midland, Michigan 48642, United States of America; Donald Grinwis, 2201 Burlington, Midland, Michigan 48642, United **States of America**

of the invention entitled:

PROCESS CONTROL SYSTEM WITH INTEGRATEI	SAFETY CONTROL SYSTEM
without any restrictions and with all rights and obligations d confirmation of acceptance shall be deemed a part of the sai	
Signed at Midland, Michigan 48674, U.S.A.	
this 25 day of Mugust, 20C	<u>3</u>
THE DOW CHEMICA	AL COMPANY
CORP. SEAL By: Michael L. GL	Hear
Authorized Repre	sentative
NOTARIAL CERTIFICA	TE (Corporation)
UNITED STATES OF AMERICA) STATE OF Michigan) SS County/Parish of Midland)	
On this	entative,, and who executed the foregoing document and purposes therein expressed by authority
I further certify that said authority, dated February 13, 200	03, is based on
A Resolution of the Board of Directors of the said Corpo	oration
which I have seen, appointing the said individual Attorney- foregoing document on behalf of the said corporation and the granted are within the scope of the objects or activities of sa	nat the purposes for which said document is
SEAL Notar	y Public
Notary Publ Acting	Inn Heritier ic, Bay County, Michigan in Midland County Expires December 03, 2006

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.

atMid	land, Michigan	48674, USA			
this12 th	day of	September	20 <u>03</u>		
		Office	A Robbe al S. Rohde Professional EMICAL COMPANY		
NOTARIAL CERTIFICATE					
UNITED STATES STATE OF MICH County/Parish of	IGAN)) SS)			
On this 12 th appeared before		<u>September</u>	20 <u>03</u> , personally		
		Crystal S. Rohd	е		
			executed the foregoing document d for uses and purposes therein		
oub- SEAL		O Notary Public	line ann King		
		Notary [[] Actin My Co	Caroline Ann King Public, Gladwin County, Michigan g in Midland County, Michigan mmission Expires June 12, 2007		

RECORDED: 09/15/2003

PATENT REEL: 014493 FRAME: 0183