04-14-2004 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE R Patent and Trademark Office Rev. 08/28/92 102720473 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 Stephen G. Churchill 2030 Dow Center George P. Fernandez Midland, Michigan 48674 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 Security Agreement Change of Name Other _ Effective as of May 26, 1998 Execution Date(s) August 4, 26, 1998 Application Number(s) or Patent Number(s): 06/086,737 May 26, 1998 May 19, 1999 09/315,202 Name and address of party to whom correspondence Total number of applications and patents concerning document should be mailed: involved: 1 \$80.00 Total fee (37 CFR 3.41) 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 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 7, 2004 Office Professional 41,395 US (989) 636-1954 00000052 041512 09315202 04/13/2004 GTON11 Total number of pages including attachments: 4

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PATENT REEL: 015200 FRAME: 0624 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/D ate

a corporation organized and existing under the laws of the State of DELAWARE, U.S.A.

Docket Ref. 41395 jsh Sheet 3 of 3

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:

DISTRIBUTED COMPUTING ENVIRONMENT USING REAL-TIME SCHEDULING LOGIC AND TIME DETERMINISTIC ARCHITECTURE

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**

(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

nonlinee(s)), and an rights and powers to the any corresponding of equivalent applications in any and an countries, including an
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
Application No. 60/086,737 Filing Date May 26, 1998
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 Assignee 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. 09/315, 202 Filing Date May 19, 1999
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.

19.78

Subscribed and Declared by me/us:

At: Midland, Michigan 48674 USA

this <u>26</u> day of <u>June</u>

Effective as of May 26, 1998

Signature: 🖊 🚶	cak (s. Kuch	Signature:	tant tomany
Full Name! 🦯	Stephen G. Churchill	Full Name:	George P. Fernandez
Residence:	2588 Waskevich		149 North 5 Mile
	Midland, Michigan 48642		Midland, Michigan 48640
Country:	United States of America	Country:	United States of America
Citizenship:	United States of America	Citizenship: U	United States of America
P. O. Address:	Same as Residence	P. O. Address: S	Same as Residence
Employed By:	The Dow Chemical Company	Employed By:	The Dow Chemical Company
Of Country:	United States of America	Of Country: U	United States of America
At:		At:	
this day	of19	this day o	f19
_	_	11	
Signature:		Signature:	
Full Name:		Full Name:	
Residence:		Residence:	
_			
Country:		Country:	•
Citizenship:		Citizenship:	
P. O. Address:		P. O. Address:	
Employed By:		Employed By:	
Of Country:		Of Country:	
			PATENT
. •	Carrier and Carrier alexander		

At: Midland, Michigan 48674 USA

this 4/ day of august

Effective as of May 26, 1998

REEL: 015200 FRAME: 0625

This 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. 41395 jsh

NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA) STATE OF MICHIGAN) County/Parish of Midland)	SS
On this <u>Aloth</u> day of before me,	LLC 1998, personally appeared
V	Stephen G. Churchill
	e individual described in and who executed the dged the same as a free act and deed for uses and
SEAL	Motary Public S. Haver Cany
	JENNIFER S. HAVERCAMP NOTARY PUBLIC, BAY COUNTY, MICHIGAN ACTING IN MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES MAY 12, 2002
NOTARIAI	L CERTIFICATE (INDIVIDUAL)
UNITED STATES OF AMERICA) STATE OF MICHIGAN) County/Parish of Midland)	SS
On this $\frac{440}{2}$ day of $\frac{20}{2}$	1998, personally appeared
	George P. Fernandez
	individual described in and who executed the dged the same as a free act and deed for uses and
SEAL	January Public

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

PATENT

REEL: 015200 FRAME: 0626

TRUE COPY

at _____ Midland, Michigan 48674, USA

RECORDED: 04/12/2004

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.

this <u>07th</u> day of <u>April</u> 20 <u>04</u>				
Crystal S. Rohde Office Professional THE DOW CHEMICAL COMPANY				
NOTARIAL CERTIFICATE				
UNITED STATES OF AMERICA) STATE OF MICHIGAN) SS County/Parish of Midland)				
On this <u>07th</u> day of <u>April</u> 20 <u>04</u> , personally appeared before me,				
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 Public Notary Public				

PATENT REEL: 015200 FRAME: 0627

Caroline Ann King
Notary Public, Gladwin County, Michigan
Acting in Midland County, Michigan
My Commission Expires June 12, 2007