Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THE DOW CHEMICAL COMPANY	07/30/2008
Michael S. Paquette	05/28/2008
Robert P. Haley Jr.	05/28/2008
Sam L. Crabtree	05/29/2008
Peter K. Mercure	05/28/2008
Jose J. Longoria	07/07/2008
Saeed Siavoshani	05/29/2008

RECEIVING PARTY DATA

Name: DOW GLOBAL TECHNOLOGIES INC.	
Street Address:	2040 Dow Center
City:	Midland
State/Country:	MICHIGAN
Postal Code:	48674

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12301934

CORRESPONDENCE DATA

Fax Number: (713)228-8778

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

7132288600 Phone:

Email: wright@oshaliang.com Correspondent Name: Jeffrey S. Bergman Address Line 1: 909 Fannin St.

Address Line 2: Suite 3500

Address Line 4: Houston, TEXAS 77010

02468/015002 (64905) TLW ATTORNEY DOCKET NUMBER:

PATENT

Total Attachments: 11 source=64905_dgti_20090305113132#page1.tif source=64905_dgti_20090305113132#page2.tif source=64905_dgti_20090305113132#page3.tif source=64905_dgti_20090305113132#page4.tif source=64905_dgti_20090305113132#page5.tif source=64905_dgti_20090305113132#page6.tif source=64905_dgti_20090305113132#page7.tif source=64905_dgti_20090305113132#page8.tif source=64905_dgti_20090305113132#page8.tif source=64905_dgti_20090305113132#page9.tif

source=64905_dgti_20090305113132#page10.tif source=64905_dgti_20090305113132#page11.tif

This Assignment 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:

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 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):

Michael Cook, Zweierhof 2, 8824 Schoenenberg, SWITZERLAND, Citizen of United Kingdom; Shih-Yaw Lai, 3602 Abbeywood Drive, Pearland, Texas 77584, UNITED STATES OF AMERICA, Citizen of United States of America; and Ronald G.J. Van Daele, Koutermolenstraat 85, 9111 Belsele, BELGIUM, Citizen of Belgium

by an Assignment dated: May 23, 2008; May 29, 2008; and June 10, 2008 of an invention relating to and entitled:

ADDITIVES FOR THE USE OF MICROWAVE ENERGY TO SELECTIVELY HEAT THERMOPLASTIC POLYMER SYSTEMS

We do hereby declare, for good and valuable consideration, received, sell, assign, and transfer unto:

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

2040 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, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
60/809,526	May 31, 2006	United States of America

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 Number, Filing Date, and Filing Country

ı	Application Number	Filing Date	Filing Country
į	PCT/US2007/12822	May 31, 2007	International
	C.1		i macinational

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, USA

THE DOW CHEMICAL COMPANY

Authorized Representative

Attach Notarial Certificate (Corporation)

PATENT

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number.

This Notarial Certificate 550 is in the ENGLISH language and has the same meaning in other languages with the same 550 number. FORM 550

NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland)) SS)
and acknowledged the same as a free act and	, 20, personally appeared norized Representative, all described in and who executed the foregoing document deed for uses and purposes therein expressed by additionally deed under the laws of the State of Delaware, United
C 0	

I further certify that said authority, dated February 9, 2006, is based on

an authority of a Resolution by the Board of Directors

which I have seen, appointing the said individual Authorized Representative 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.

Kathy Sue Wertz NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2012

PATENT

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 GLOBAL TECHNOLOGIES INC.

2040 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: July 30, 2008

From, the ASSIGNOR:

THE DOW CHEMICAL COMPANY

2030 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

of the invention entitled:

ADDITIVES FOR THE USE OF MICROWAVE ENERGY TO SELECTIVELY HEAT THERMOPLASTIC POLYMER SYSTEMS

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	d, Michigan 48674, USA	
this 4	_day of _	August	, 20 08
		3	
-		DOW GL/OBAL	L TECHNOLOGIES INC.
CORP	•	4/	C

By: JOHN B. TREANGEN Authorized Representative

NOTARIAL CERTIFICATE (Corporation)

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

On this 4 day of August _____, 20_08__, personally appeared before me, JOHN B. TREANGEN, Authorized Representative,

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 State of Delaware, United States of America.

I further certify that said authority, dated August 30, 2007, is based on

A delegation of signature authority of said Corporation

which I have seen, appointing the said individual Authorized Representative 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.

> Kathy Sue Wertz NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN LIV COLLEGEAN EVALUE ADDIT OF 2049

PATENT

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: ADDITIVES FOR THE USE OF MICROWAVE ENERGY TO SELECTIVELY HEAT THERMOPLASTIC POLYMER SYSTEMS

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 Global Technologies Inc. 2040 Dow Center Midland, Michigan 48674 UNITED STATES OF AMERICA

a corporation organized and existing under the laws of the State of Delaware (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 Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
60/809,526	May 31, 2006	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 Number. Filing Date, and Filing County

Application Number	Filing Date	Filing Country
PCT/US2007/12822	May 31, 2007	International

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	At: Midland Michigan 49674 IISA
At: Midland, Michigan 48674, USA this 28 day of May , 20 08 Effective as of May 31, 2006. Signature: Michael S. Paquette Residence: 3803 Greenfield Court Midland, Michigan 48642 Country: United States of America Citizenship: United States of America P.O. Address: Same as residence Employed By: The Dow Chemical Company	Effective as of May 31, 2006. Signature: Full Name: Robert F. Haley, Jr. Residence: 3819 Westbrier Terrace Midland, Michigan 48642 Country: United States of America Citizenship: United States of America P.O. Address: Same as residence
Of Country: United States of America	Employed By: The Dow Chemical Company Of Country: United States of America
At Midland Michigan 48674 LICA	

At: Freeport, Texas 77541, USA
This day of ,20 6 1

Effective as of May 31 2006.

Signature: Full Name: Jose J. Longória
Residence: 58 Peppermint Ct
Lake Jackson, Texas 77566

Country: United States of America
Citizenship: United States of America
P.O. Address: Same as residence
Employed By: The Dow Chemical Company
Of Country: United States of America

(X) Additional names and signatures are attached.

PX

CASE NO. 64905A

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At: Aub. en Bille MI 48526 USA this 25 H day of Man 200	At: Midland, Michigan 48674	. USA
this 25 11 day of 2006.	linis day of	
Mayo1, 2006.	Effective as of May 31, 2006.	~
Signature:	11	
Full Name: Saced Siavonab	Signature:	
Residence: 1103 Concord	Full Name: Peter K. Mercure	
Pochecter Fills A 6' 1'	Residence: 1909 Vine	
Rochester Hills, Michigan 48309 Country: United States of America	Midland, Michigan 48642	
Citizenship: United States of America	Country: United States of America	
P.O. Address: Same as residence	Citizenship: United States of America	
Employed By: The Dow Chemical Company	P.O. Address: Same as residence	
Of Country: United States of America	Employed By: The Dow Chemical Company	y
	Of Country: United States of America	
At:	At:	
this day of, 20	This day of	
	- day or	, 20
	11	
Signature:	Signature:	
Full Name:	Full Name:	
Residence:	Residence:	
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Country: Citizenship:	Country:	
P.O. Address:	Citizenship:	
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At:	
this day of, 20	At: Midland, Michigan 48674, USA This 2 day of 120 3 2 0 00
Effective as of May 31, 2006.	This 2 day of
	Directive as or total 51, 2009
Signature:	Signature: Peter K. Merchre
Full Name: Saeed Siavoshani	Full Name: Peter K. Mercure
Residence: 1103 Concord	Residence: 1909 Vine
Rochester Hills, Michigan 48309	Midland, Michigan 48642
Country: United States of America	Country: United States of America
Citizenship: United States of America	Citizenship: United States of America
P.O. Address: Same as residence	P.O. Address: Same as residence
Employed By: The Dow Chemical Company	Employed By: The Dow Chemical Company
Of Country: United States of America	Of Country: United States of America
At:	At:
this day of, 20	At:
Sign oping.	
Signature: Full Name:	Signature:
Residence:	Full Name:
	Residence:
Country:	Country:
Citizenship:	Citizenship:
P.O. Address:	P.O. Address:
Employed By:	Employed By:
Of Country:	Of Country:
At:	
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full Name:	Signature: Full Name:
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This Assignment 20 is in the ENGLISH language and has the name meaning in other languages with the same 200 member and R/Date.

CASE NO. 64905A

**CASE NO. 64905A

**CASE NO. 64905A

**This Assignment 20 is in the ENGLISH language and has the name meaning in other languages with the name 200 member and R/Date

FORM 220

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMER STATE OF MICHIGAN County/Parish of Midland	RICA)) SS)
On this 28 day of 1	Michael S. Paquette, personally appeared before me
known or identified to me to be and acknowledged the same as	e the individual described in and who executed the foregoing documen a free act and deed for uses and purposes therein expressed.
SEAL	Kathey Sue West
	Kathy Sue Wertz NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2012
NOT	TARIAL CERTIFICATE (Individual)
UNITED STATES OF AMERI STATE OF MICHIGAN County/Parish of Midland	ICA)) SS)
On this 28 day of 10	Robert P. Haley, Jr.
known or identified to me to be	Robert P. Haley, Jr. the individual described in and who executed the foregoing document a free act and deed for uses and purposes therein expressed.
SEAL Kw	Hother See Ubit
NOTA	Kathy Sue Wertz NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2012 ARIAL CERTIFICATE (Individual)
UNITED STATES OF AMERIC STATE OF MICHIGAN County/Parish of Midland	,
On this <u>29</u> day of <u>Illa</u>	, 20 <u>H</u> , personally appeared before me,
known or identified to me to be the and acknowledged the same as a	Sam L. Crabtree he individual described in and who executed the foregoing document free act and deed for uses and purposes therein expressed.
SEAL	Father Sue alet
x	Kathy Sue Wertz

NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN MY COMMISSION EXPIRES APRIL 07, 2012

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA)
STATE OF MICHIGAN) SS
County/Parish of Midland)
On this 28 day of Maeg, 2008, personally appeared before me,
Peter K. Mercure
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.
\mathcal{L}
SEAL Tollie See Chil
Ken / J
\mathcal{L}

Kathy Sue Wertz

NOTARY PUBLIC, MEDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2012

This Assignment 220 is in the ENGLISH language and has the name meaning in other languages with the name 220 number and R/Date.

CASE NO. 64905.

NOTARIAL CERTIFICATE (Individual)

•
UNITED STATES OF AMERICA) STATE OF TEXAS) SS County/Parish of Brazoria) On this day of Uluy
, 20_0, personarry appeared before me
U Jose J. Longoria
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 JOHN TIPPO MANUAL TIPPO MA
Manufactural Control of the Control

This Assignment 20 is in the ENGLISH Improper and has the same measuing in other languages with the same 220 number and RDMs.

#2.00 #2.00

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of)) SS)
On this 294 day of	, 20 kg, personally appeared before m
	Saeed Siavoshani
known or identified to me to be the ir and acknowledged the same as a free	ndividual described in and who executed the foregoing document act and deed for uses and purposes therein expressed.

SEAL

CHEVELLE F. SIMPOON
NOTARY PUBLIC, STATE OF MI
COUNTY OF OAKLAND
MY COMMISSION EXPIRES Feb 22, 2014
ACTING IN COUNTY OF CONCURRENCE

PATENT

●660 ● 660

This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

DOW GLOBAL TECHNOLOGIES INC.

2040 Dow Center

Midland, Michigan 48674

UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: May 28, 2008; May 29, 2008;

From, the ASSIGNOR: Michael S. Paquette, 3803 Greenfield Court, Midland, Michigan 48642, UNITED STATES OF AMERICA, Citizen of United States of America; Robert P. Haley, Jr., 3819 Westbrier Terrace, Midland, Michigan 48642, UNITED STATES OF AMERICA, Citizen of United States of America; Sam L. Crabtree, 713 Adams Drive, Midland, Michigan 48642, UNITED STATES OF AMERICA, Citizen of United States of America; Jose J. Longoria, 58 Peppermint Ct, Lake Jackson, Texas 77566, UNITED STATES OF AMERICA, Citizen of United States of America; Saced Siavoshani, 1103 Concord, Rochester Hills, Michigan 48309, UNITED STATES OF AMERICA, Citizen of United States of America; and Peter K. Mercure, 1909 Vine, Midland, Michigan 48642, UNITED STATES OF AMERICA, Citizen of

of the invention entitled:

ADDITIVES FOR THE USE OF MICROWAVE ENERGY TO SELECTIVELY HEAT THERMOPLASTIC POLYMER SYSTEMS

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 Midl	and, Michigan 48674, USA
this 4 day o	
CORP.	DOW GLOBAL TECHNOLOGIES INC.
SEAL	1. 0 17
·	By: Jun
	JOHN B. TREANGEN Outhorized Representative
NOTA	

NOTARIAL CERTIFICATE (Corporation) UNITED STATES OF AMERICA)

STATE OF MICHIGAN County/Parish of Midland) SS)
On this day of day of day of day of	Authorized Representative

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 by authority of the said Corporation incorporated under the laws of the State of Delaware, United

I further certify that said authority, dated August 30, 2007, is based on

A delegation of signature authority of said Corporation

which I have seen, appointing the said individual Authorized Representative 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.

KAAAIO Can In1. A

RECORDED: 03/06/2009

PATENT

REEL: 022357 FRAME: 0839

NOTARY PUBLIC, MÍDLAND COUNTY, MICHI MY COMMISSION EXPIRES APRIL 07, 20