# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
Leonardo C. Lopez	10/22/2009
Wu Chen	10/21/2009
James F. Sturnfield	10/13/2009

## **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:	12539799

## **CORRESPONDENCE DATA**

Fax Number: (989)636-3237

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

989-636-0960 Phone: Email: plkipfmiller@dow.com Correspondent Name: Pattie Kipfmiller

Address Line 1: The Dow Chemical Company

Address Line 2: 2040 Dow Center

Address Line 4: Midland, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	66891
NAME OF SUBMITTER:	Pattie Kipfmiller

**Total Attachments: 4** 

501240550

**PATENT** REEL: 024726 FRAME: 0847

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PATENT REEL: 024726 FRAME: 0848 This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

Midland, Michigan 48674, USA

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: PROCESS FOR PRODUCING MICRON AND SUBMICRON FIBERS AND NONWOVEN WEBS BY MELT BLOWING

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
12/539,799	August 12, 2009	United States of America
PCT/US2009/053531	August 12, 2009	International

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

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.

At:

Subscribed and Declared by me/us:

At:

this 22 and day of October, 20 09	this day of , 20
Effective as of August 12, 2009	Effective as of August 12, 2009
Signature: (1em/o/)	Signature:
Full Name: Leonardo C. Lopez	Full Name: Wu Chen
Residence: 4200 Brambleridge	Residence: 320 Juniper Street
Midland, Michigan 48640	Lake Jackson, Texas 77566
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: Freeport, Texas 77541 USA	At:
this, 20	this day of
Effective as of August 12, 2009	
Signature:	Signature:
Full Name: James F. Sturnfield	Full Name:
Residence: 14213 Spring Knoll Lane	Residence:
Rosharon, Texas 77583	
Country: United States of America	Country:
Citizenship: United States of America	Citizenship:
P.O. Address: Same as residence	P.O. Address:
Employed Day The Day Chamical Commen	1 1
Employed By: The Dow Chemical Company	Employed By:

Freeport, Texas 77541 USA

<sup>( )</sup> Additional names and signatures are attached.

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

Midland, Michigan 48674, USA

day of

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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; PROCESS FOR PRODUCING MICRON AND SUBMICRON FIBERS AND NONWOVEN WEBS BY MELT BLOWING

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
12/539,799	August 12, 2009	United States of America
PCT/US2009/053531	August 12, 2009	International

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 Country

Application Number	Filing Date	Filing Country
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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.

this 7/5t

Subscribed and Declared by me/us:

At: this

Effective as of August 12, 2009	Effective as of August 12, 2009
Signature: Full Name: Leonardo C. Lopez Residence: 4200 Brambleridge Midland, Michigan 48640 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	Signature: Full Name: Wu Chen Residence: 320 Juniper Street 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
At: Freeport, Texas 77541 USA this day of Office V , 20 Office V  Effective as of August 12, 2009	At: day of, 20
Signature: James + Slumfeld	Signature:
Full Name: James F. Sturnfield	Full Name:
Residence: 14213 Spring Knoll Lane	Residence:
Rosharon, Texas 77583	
Country: United States of America	Country:
Citizenship: United States of America	Citizenship:
P.O. Address: Same as residence	P.O. Address:
Employed By: The Dow Chemical Company	Employed By:
Of Country: United States of America	Of Country:

( ) Additional names and signatures are attached.

PATENT REEL: 024726 FRAME: 0850

Freeport, Texas 77541 USA

October

day of

FORM 220

## NOTARIAL CERTIFICATE (Individual)

		(	individual)
UNITED STATES OF AMERICA STATE OF MICHIGAN County/Parish of Midland	) ) SS )		
On this 22 day of 0tt	ber	, 20 <u>_(</u>	) personally appeared before me,
	Leonar	do C. Lopez	
known or identified to me to be the in and acknowledged the same as a free			who executed the foregoing document surposes therein expressed.
SEAL	_	raton Do	GRENDA J. MAIDA NY PUBLIC, STATE OF MI DUNTY OF GLADWIN SSION EXPIRES May 10, 2012 NTHE COUNTY OF MIDLAND
NOTAR	IAL CERT	ΓΙΓΙCATE (	Individual)
UNITED STATES OF AMERICA STATE OF TEXAS County/Parish of	) ) SS )		
On this day of	,	, 20	, personally appeared before me,
	\ <i>\X</i> 71	u Chen	
Wu Chen 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	_	olon control.	- And Pale
NOTAR	IAL CERT	ΓΙΓΙCATE (1	Individual)
		`	,
UNITED STATES OF AMERICA	)		
STATE OF TEXAS	) SS		
County/Parish of	)		
On this day of	,	, 20	, personally appeared before me,
	James F	Sturnfield	······································
	ndividual des	scribed in and w	who executed the foregoing document
SEAL			

PATENT REEL: 024726 FRAME: 0851

**PATENT** 

**REEL: 024726 FRAME: 0852** 

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

RECORDED 07/22/2010

FORM 220

# NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA ) STATE OF MICHIGAN ) SS County/Parish of Midland )
On this, 20, personally appeared before me,
Leonardo C. Lopez
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
NOTARIAL CERTIFICATE (Individual)
UNITED STATES OF AMERICA ) STATE OF TEXAS ) SS County/Parish of Brazoria )
On this Al day of October , 2009, personally appeared before me,
Wu Chen
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.
STATAMMY JOSEPH STATE OF TEXAS NOTARIAL CERTIFICATE (Individual)
LINUTED STATES OF AMERICA
UNITED STATES OF AMERICA ) STATE OF TEXAS ) SS County/Parish of Brazoria )
On this
James F. Sturnfield
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.
and acknowledged the same as a free act and deed for uses and purposes therein expressed.