### PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DATA				
Name Execution Date				Execution Date
FilmTec Corporation 10/08/2009				10/08/2009
RECEIVING PARTY DATA				
Name:	The Dow Ch	emical	Company	
Street Address:	2030 Dow Ce	enter		
City:	Midland			
State/Country:	MICHIGAN			
Postal Code:	48658			
PROPERTY NUMBERS Total: 1				
Property Ty	уре		Number	
Application Number: 11709		528		
CORRESPONDENCE	DATA			
Fax Number:	(989)63	6-3237		
Correspondence will b	be sent via US	Mail w	hen the fax attempt is unsuccessful.	
Phone:	989-636			E Contraction of the second
Email: plkipfmiller@dow				
Correspondent Name: Pattie Kipfmiller   Address Line 1: The Dow Chemical				
Address Line 2: 2040 Dow Center				
Address Line 4:	Address Line 4: Midland, MICHIGAN 48658			
ATTORNEY DOCKET NUMBER:			65413	
NAME OF SUBMITTER:			Pattie Kipfmiller	
Total Attachments: 3 source=65413 US 20100416 EWB FilmTec to TDCC Assignment#page1.tif source=65413 US 20100416 EWB FilmTec to TDCC Assignment#page2.tif source=65413 US 20100416 EWB FilmTec to TDCC Assignment#page3.tif				

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

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: October 8, 2009

From, the ASSIGNOR:

FILMTEC CORPORATION 7200 Ohms Lane Minneapolis, Minnesota 55435 United States of America

of the invention entitled:

# USE OF ACOUSTIC SIGNALS FOR MEASURING MEMBRANE FOULING IN SPIRAL WOUND MODULES

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	l, Michigan 48674, USA	
this 84h	day of	October	, 20 <u>69</u>

#### THE DOW CHEMICAL COMPANY

CORP. SEAL

By: M	ichal I H	Jour

MICHAEL L. GLENN Authorized Representative

## **NOTARIAL CERTIFICATE** (Corporation)

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

On this <u>8th</u> day of <u>October</u>, 20<u>09</u>, personally appeared

before me, MICHAEL L. GLENN, 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 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.

Keliecca Sue Hollengthead

Rebecca Sue Hollingshead NOTARY PUELIC, MOLING COUNTY, MICHIGAN MY COMMISSION EXPIRES NOVEMBER 25, POATENT REEL: 024242 FRAME: 0811

SEAL

CASE NO. 65413 US css

This Assignment 440 is in the ENGLISH language and has the same meaning in other languages with the same 440 number.

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) and

## **INVENTORSHIP DECLARATION**

We, ASSIGNOR, of:

FILMTEC CORPORATION 7200 Ohms Lane Minneapolis, Minnesota 55435 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):

Donald B. Streeter, 317 S. Orange Street, Waconia, Minnesota 55387, United States of America, Citizen of United States of America

by an Assignment dated: February 19, 2007 of an invention relating to and entitled:

# USE OF ACOUSTIC SIGNALS FOR MEASURING MEMBRANE FOULING IN SPIRAL WOUND MODULES

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

WE, the ASSIGNEE:

#### 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 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
11/709,528	February 22, 2007	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

Application Number	Filing Date	Filing Country
······		

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.

Midland, Michigan 48674, USA Subscribed and Sworn by us at

. 20 () Ch e1 day of

FILMTEC CORPORATION

CORP. SEAL

MICHAEL L. GLENN Authorized Representative

Attach Notarial Certificate (Corporation)

### PATENT REEL: 024242 FRAME: 0812

DOW CASE NO. 65413 US css

#### 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

On this <u>Sth</u> day of <u>October</u>, 20<u>09</u>, personally appeared before me, MICHAEL L. GLENN, 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 June 9, 2004, is based on

#### by authority of a Power of Attorney

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.

Reliecco Sue Hallingdread

SEAL

Rebecca Sue Hollingshead NOTARY PUBLIC, WILLING COUNTY, MICHIGAN MY COMMISSION EXPIRES NOVEMBER 25, 2012

**RECORDED: 04/16/2010**