PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4617813

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
SEQUENCE:	1	

CONVEYING PARTY DATA

Name	Execution Date
MOU PAUL	12/11/2013
ABHISHEK ROY	12/11/2013

RECEIVING PARTY DATA

Name:	FILMTEC CORPORATION
Street Address:	5400 DEWEY HILL ROAD
City:	EDINA
State/Country:	MINNESOTA
Postal Code:	55439

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15030919

CORRESPONDENCE DATA

Fax Number: (989)636-3237

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 989-636-7934
Email: kswertz@dow.com
Correspondent Name: KATHYW WERTZ
Address Line 1: 2040 DOW CENTER

Address Line 4: MIDLAND, MICHIGAN 48674

ATTORNEY DOCKET NUMBER:	75599-US-PCT
NAME OF SUBMITTER:	KATHY WERTZ
SIGNATURE:	/Kathy Wertz/
DATE SIGNED:	09/28/2017

Total Attachments: 2

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PATENT 504571103 REEL: 043729 FRAME: 0717

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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: COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITRIOUS ACID

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:

FilmTec Corporation 5400 Dewey Hill Road Edina, Minnesota 55439 United States of America

an entity organized and existing under the laws of the state of Delaware (hereinafter referred to as the "Assignee"); my/our entire right, little 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
61/910,559	December 2, 2013	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.

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: Edina, Minnesota 55439 USA	At: Edina, Minnesota 55439 USA
this 11th day of December, 2013	this irm day of December, 20 13
Effective as of December 2, 2013	Effective as of December 2, 2013
1 . 0 0	Effective as of December 2, 2013
Signature: Mon Paul	Signature: Abhashh to _
Full Name: Mou Paul	Full Name: Abhishek Roy
Residence: 6701 Indian Hills Road	Residence: 6701 Indian Hills Road
Edina, Minnesota 55439	Edina, Minnesota 55439
Country: United States of America	Country: United States of America
Citizenship; India	Citizenship: India
P.O. Address: Same as Residence	P.O. Address: Same as Residence
Employed By: FilmTec Corporation	Employed By: FilmTec Corporation
Of Country: United States of America	Of Country: United States of America
At:	At:
this, 20	this day of ,20
Signature:	Signature:
Full Name:	Full Name:
Residence:	Residence:
Country:	
Citizenship:	Country:
P.O. Address:	Citizenship:
Employed By:	P.O. Address:
	Employed By:
Of Country:	Of Country:

PATENT REEL: 043729 FRAME: 0718 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:

FILMTEC CORPORATION 5400 Dewey Hill Road Edina, Minnesota 55439 United States of America

hereby accept the ASSIGNMENT attached hereto which is dated: December 11, 2013

From, the ASSIGNOR: Mon Paul, 6701 Indian Hills Road, Edina, Minnesota 55439, United States of America, Citizen of India and Abhishek Roy, 6701 Indian Hills Road, Edina, Minnesota 55439, United States of America, Citizen of India

of the invention entitled:

COMPOSITE POLYAMIDE MEMBRANE POST TREATED WITH NITRIOUS ACID

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, Michigan 48674, USA
this	day of <u>December</u> , 20 13
CORI SEAL	

NOTARIAL CERTIFICATE

UNITED S	STATE:	S OF A	MERICA)
STATE O	F MICI	IIGAN) SS
County/Pa	rish of l	Midlan	d)
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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 entity organized and existing under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated March 25, 2011, 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 entity and that the purposes for which said document is granted are within the scope of the objects or activities of said entity.

SEAL

Kally Sue Wertz (
VOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN

"MISSION EXPIRES APRIL 07, 2018

PATENT REEL: 043729 FRAME: 0719

RECORDED: 09/28/2017