

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4256094

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	1
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ABHISHEK ROY	08/20/2012
MOU PAUL	08/21/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FILMTEC CORPORATION
<b>Street Address:</b>	5400 DEWEY HILL ROAD
<b>City:</b>	EDINA
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55439
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14406994
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(989)636-3237
<i>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.</i>	
<b>Phone:</b>	9896368537
<b>Email:</b>	FGLMFRR@DOW.COM
<b>Correspondent Name:</b>	KRISTIE ELLISON
<b>Address Line 1:</b>	2040 DOW CENTER
<b>Address Line 4:</b>	MIDLAND, MICHIGAN 48674
<b>ATTORNEY DOCKET NUMBER:</b>	72998-US-PCT
<b>NAME OF SUBMITTER:</b>	KRISTIE ELLISON
<b>SIGNATURE:</b>	/Kristie Ellison/
<b>DATE SIGNED:</b>	02/02/2017
<b>Total Attachments: 2</b>	
source=72998-US-PCT 20170202 Inventors to Filmtec#page1.tif	
source=72998-US-PCT 20170202 Inventors to Filmtec#page2.tif	

This Assignment Form is in the English language and has the same meaning in other languages with the same Form number and title.

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FORM 110 (R 5/97)

# INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION

(with Priority Rights)

I/we verify 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 WITH INCREASED CARBOXYLIC ACID FUNCTIONALITY**

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 trustees(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

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
61/673,467	July 19, 2012	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  
this 20<sup>th</sup> day of August, 2012  
Effective as of July 19, 2012  
Signature: Abhishek Roy  
Full Name: Abhishek Roy  
Residence: 6701 Indian Hills Road  
Edina, Minnesota 55439  
Country: United States of America  
Citizenship: India  
P.O. Address: Same as Residence  
Employed By: Filmtec Corporation  
Of Country: United States of America

At: Edina, Minnesota 55439 USA  
this 21<sup>st</sup> day of August, 2012  
Effective as of July 19, 2012  
Signature: Mou Paul  
Full Name: Mou Paul  
Residence: 6701 Indian Hills Road  
Edina, Minnesota 55439  
Country: United States of America  
Citizenship: India  
P.O. Address: Same as Residence  
Employed By: Filmtec Corporation  
Of Country: United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P.O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

( ) Additional names and signatures are attached

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

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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: August 20, 2012 and August 21, 2012, respectively

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

of the invention entitled:

COMPOSITE POLYAMIDE MEMBRANE WITH INCREASED CARBOXYLIC ACID FUNCTIONALITY

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 7th day of September, 20 12

CORP.  
SEAL

FILMTEC CORPORATION

By:

DARRYL P. FRICKEY

Authorized Representative

## NOTARIAL CERTIFICATE (Corporation)

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

On this 7th day of September, 20 12, personally appeared before me, **DARRYL P. FRICKEY**, 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 **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 corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Rebecca Sue Hollingshead

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