PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Russ Schaffenberg	09/28/2001

RECEIVING PARTY DATA

Name:	Filmtec Corporation
Street Address:	7200 Ohms Lane
City:	Minneapolis
State/Country:	MINNESOTA
Postal Code:	55435

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	09972650

CORRESPONDENCE DATA

Fax Number: (989)636-3237

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

Phone: 989-636-1954

Email: CSRohde@dow.com
Correspondent Name: Crystal S. Rohde

Address Line 1: The Dow Chemical Company
Address Line 2: 1790 Building; Washington Street
Address Line 4: Midland, MICHIGAN 48674

ATTORNEY DOCKET NUMBER: 61906

NAME OF SUBMITTER: Crystal S. Rohde

Total Attachments: 2

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PATENT REEL: 018530 FRAME: 0165 FORM 110 (R.5/97)

has the same meaning in other languages with the same 110 number and R/Date.

Docket Ref. 61906

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:

PACKAGE ASSEMBLY FOR PIPERAZINE-BASED MEMBRANES

which invention was made and invented by mc/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 7200 Ohms Lane Minneapolis, Minnesota 55435 United States of America

a corporation organized and existing under the laws of the State of DELAWARE, U.S.A. (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

Application No. Filing a in country the United States of America of the application, on which the claim for priority will be based; an in any and all countries. I/we do hereby agree to assist Assignee in conflict, opposition or litigation which may arise involving the inveall countries any document relating to applications derived from, or Assignee may request; and I/we do hereby authorize Assignce or its equivalent Application No. Filing Doin country to the above Priority application of any country where that country for recordal of this Assignment. I/we authorize Assignee or its desand we request that any such Letters Patent be issued to Assignee; Copy thereof, being under covenant not only that I/we have full por encumbered by any grant, license, or other right heretofore given.	d in and to any Letters Patent that may be issued for the invention of the prosecution of the application(s) and in any interference, and in one interference, and to execute for any and orresponding to or equivalent to the above identified application as a designee (or nominee(s)) to insert here any corresponding to the interference of the inte
Subscribed and Declared by me/us:	
At: Minneapolis, Minnesota 55435, USA this Saday of Sept., 2001	At:
Signature: Full Name: Residence: Residence: Bloomngton, Minnesota 55420 Country: United States of America Citizenship: United States of America P. O. Address: Same as Residence Employed By: FilmTec Corporation Of Country: United States of America	Signature: Full Name: Residence: Country: Citizenship: P. O. Address: Employed By: Of Country:
At:	At:
At:	At:this, 20
Signature: Full Name: Residence:	Signature: Full Name: Residence:
Country: Citizenship: P. O. Address: Employed By: Of Country:	Country: Citizenship: P. O. Address: Employed By: Of Country:

() Additional names and signatures are attached.

UNITED STATES OF AMERICA

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

FORM 220

Docket Ref. 61906

NOTARIAL CERTIFICATE (INDIVIDUAL)

STATE OF MICHIGAN) SS
County/Parish of Midland)

On this and day of the county of th

Roy A. Davis

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

Angela R. Rydman Notary Public, Midland County, Michigan My Commission Expires April 6, 2006

PATENT REEL: 018530 FRAME: 0167

RECORDED: 11/17/2006