

Form PTO-1595

(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

RECORDATION FORM COVER SHEET

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): PAGE 1/2Nora C. Beck Tan
Dawn M. Crawford
James M. Sloan

2. Name and address of receiving party(ies)

Name: UNITED STATES OF AMERICA as Represented by the Secretary of the Army

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 12/15/2000

Street Address: _____

City: Washington State: DC Zip: _____Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 09/716,967

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: U.S. Army Research LaboratoryInternal Address: ATTN: AMSRL CS-CC-IPStreet Address: 2800 Powder Mill RoadCity: Adelphi State: MD Zip: 207836. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

19-2201

DO NOT USE THIS SPACE

9. Signature.

WILLIAM V. ADAMS REG # 32,552

Name of Person Signing



Signature

01/02/2003

Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington, D.C. 20231

PATENT

REEL: 013327 FRAME: 0734

700022058

ADDITIONAL NAMES OF CONVEYING PARTIES

Patent Application No. 09/716,967

1. Name of conveying party(ies): continued
Eugene Napadensky

3. Nature of conveyence:
Assignment

Execution Date: 12/19/2000

ARL 00-07

ASSIGNMENT OF INVENTION

For use of this form, see AR 27-80; the proposed agency is STJAG

Title of Invention: Self-Assembled Sulfonated Block Copolymer Semipermeable Membrane and Uses Therefor

Inventor(s): Nora C. Beck Tan, Dawn M. Crawford, James M. Sloan and Eugene Napadensky

*Application Serial No.: 09/716,967

*Data Date Executed: 12/14/00 & 12/19/00 *Filing Date: 11/22/00

(*Data not known at execution may be added for better identification.)

I (We), the undersigned inventor(s), in consideration of the rights of the Government of the United States acquired by virtue of the circumstances under which the above-entitled invention was made, hereby:

1. Assign to the Government of the United States, as represented by the Secretary of the Army, the entire right, title and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation, continuation-in-part or division of said application and any renewal or extension of said Letters Patent.

2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me (us), subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent which may issue on the invention in such foreign country, including the power to cause publication for use in behalf of the Government and/or furtherance of the foreign policies of the Government.

3. Agree to provide any further information within my (our) knowledge and to execute any further documents necessary to the prosecution of patent applications on the invention, the prosecution and settlement of interferences and recording of title to patent applications and patents issuing thereon.

Signature of Inventor:

Nora C. Beck Tan (First Name) Dawn M. Crawford (Middle Initial) James M. Sloan (Last Name)

Duty Address: US ARL, AMSRL-WM-MA, Aberdeen Proving Ground, Harford, MD 21005
(Locality) (County) (State)

Date: December 15, 2000 Typed Name of Inventor: Nora C. Beck Tan

State of Maryland)
County of Cecil) SS.

On the above date Nora C. Beck Tan
and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same are his own free act and deed.

Known to me to be the individual described in
and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same are his own free act and deed.

Dawn M. Crawford
(Signature of notary public)

My Commission expires on

01/01/01

SUPPLEMENTAL SIGNATURE SHEET

For use of this form, see AR 27-60; the proponent agency is DTJAG

Use this form with DA Forms 2873-R and 2874-R when additional signature blocks are needed.

1. ASSIGNOR(s) OR LICENSOR(s) NAME(s)

Nora C. Beck Tan, Dawn M. Crawford, James M.
Sloan and Eugene Napadensky

2. APPLICATION SERIAL NUMBER

09/716,967

3. FILING DATE

11/22/00

4. TITLE OF INVENTION

Self-Assembled Sulfonated Block Copolymer Semipermeable Membrane and Uses
Therefor

SIGNATURE OF INVENTOR:

Dawn M. Crawford
First name Middle Initial Last nameDUTY ADDRESS: US ARL AMSRL-WM-MA, Aberdeen Proving Ground, Harford, MD 21005DATE SIGNED: 12-15-00INVENTOR'S TYPED NAME: Dawn M. Crawford

STATE OF

Maryland

COUNTY OF

Cecil

SS.

On the above date Dawn Crawford
executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own
free act and deed.known to me to be the individual described in and who
executed the same as his ownDawn E. Gardner
Signature of notary public

My Commission expires on

01/01/01

SIGNATURE OF INVENTOR:

James M. Sloan
First name Middle Initial Last nameDUTY ADDRESS: US ARL AMSRL-WM-MA, Aberdeen Proving Ground, Harford, MD 21005DATE SIGNED: 12-15-00INVENTOR'S TYPED NAME: James M. Sloan

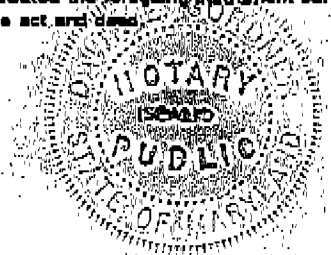
STATE OF

Maryland

COUNTY OF

Cecil

SS.

On the above date James M. Sloan
executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own
free act and deed.known to me to be the individual described in and who
executed the same as his ownDawn E. Gardner
Signature of notary public

My Commission expires on

01/01/01

SUPPLEMENTAL SIGNATURE SHEET

For use of this form, see AR 27-80: the proponent agency is DTJAG

Use this form with DA Forms 2873-R and 2874-R when additional signature blocks are needed.

1. ASSIGNOR(s) OR LICENSOR(s) NAME(s)

Nora C. Beck Tan, Dawn M. Crawford, James M.
Sloan and Eugene Napadensky

2. APPLICATION SERIAL NUMBER

09/716.967

3. FILING DATE

11/22/00

4. TITLE OF INVENTION

Self-Assembled Sulfonated Block Copolymer Semipermeable Membrane and Uses
Therefor

SIGNATURE OF INVENTOR:

Eugene

(First name)

Napadensky

(Middle name)

(Last name)

DUTY ADDRESS: US ARL AMSRL-WM-MA, Aberdeen Proving Ground, Harford, MD 21005

DATE SIGNED: Dec 19/2000

INVENTOR'S TYPED NAME: Eugene Napadensky

STATE OF

Maryland

COUNTY OF

Ches

) SS.

On the above date Eugene Napadensky
executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own
free act and deed.known to me to be the individual described in and who
executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own
free act and deed.

(SEAL)

Dawn E. Goodner

(Signature of notary public)

My Commission expires on

01/01/01

SIGNATURE OF INVENTOR:

(First name)

(Middle name)

(Last name)

DUTY ADDRESS:

DATE SIGNED:

INVENTOR'S TYPED NAME:

STATE OF

COUNTY OF

) SS.

On the above date
executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own
free act and deed.known to me to be the individual described in and who
executed the foregoing instrument duly appeared before me and acknowledged to me that he executed the same as his own
free act and deed.

(SEAL)

(Signature of notary public)

My Commission expires on