Name and address of receiving party:

Street Address: 310 Lab of Mechanics

City: Ames State: IA Zip: 50011-2131

Additional name(s) & address(es) attached? []Yes

01-09-2004

EET

BARBARA CLARK

Atty Ref/Docket No.: 900.186US1

Patent and Trademark Office

To the Honorable Commissioner of thereof.

102642232

attached original documents or copy

Name: Iowa State University Research Foundation, Inc.

1. Name of conveying parties:

Steven A. Poling, Steve W. Martin and Jacob T. Sutherland

Additional name(s) of conveying party(ies) attached? []Yes [X]No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: December 8, 2003, December 8, 2003,

December 8, 2003

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

A. Patent Application No.(s)

Serial No. 10/627,584, filed July 25, 2003

B. Patent No.(s)

Additional numbers attached? [[Yes [X]No

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

Name: Barbara J. Clark

Address:

Schwegman, Lundberg, Woessner & Kluth, P.A. P.O. Box 2938

Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 40.00

[X]Enclosed

[] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any over payments to our Deposit account number: 19-0743

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document

Barbara J. Clark/Reg. No.

Name of Person Signing

Total number of pages including cover sheet: 6

01/08/2004 ECOOPER 00000161 10627584

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Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

PATENT

REEL: 014858 FRAME: 0030

ASSIGNMENT

WHEREAS, We, Steven A. Poling, residing at 211 1/2 North Hazel Avenue, Ames, IA 50010, and Steve W. Martin, residing at 3607 Fletcher Boulevard, Ames, IA 50011, and Jacob T. Sutherland, residing at 2616 Stange Road, Apt. 206, Ames, IA 50010, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on July 25, 2003, which application was assigned U.S. patent application serial number 10/627,584, and is entitled COMPOUNDS FOR NOVEL PROTON CONDUCTING MEMBRANES AND METHODS OF MAKING SAME;

AND WHEREAS, <u>Iowa State University Research Foundation</u>, <u>Inc.</u>, a corporation organized and existing under and by virtue of the laws of the State of, and having an office and place of business at <u>310 Lab of Mechanics</u>, <u>Ames, IA 50011-2131</u> (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

PATENT REEL: 014858 FRAME: 0031 AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Steven A. Poling STATE OF Zoura)ss COUNTY OF Story On this Story And ay of 2003 before me personally appeared Steven A. Poling, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purpose therein set forth. [SEAL] Notary Public		Steven A. Bling
On this Story On this 2003 before me personally appeared Steven A. Poling, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purpose therein set forth.		Steven A. Poling
On this Story On this 2003 before me personally appeared Steven A. Poling, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purpose therein set forth.	STATE OF Towa	
On this Standard 2003 before me personally appeared Steven A. Poling, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purpose therein set forth.):	5S
Poling, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purpose therein set forth. [SEAL]	COUNTY OF Story	
instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purpose therein set forth. [SEAL]	On this 8th day of Des	2003 before me personally appeared Steven A.
[SEAL]	Poling, to me known and known to me to	be the person described in and who executed the foregoing
[SEAL]	instrument, and he/she duly acknowledge	ed to me that he/she executed the same for the uses and purposes
	therein set forth.	
	[SFAL]	2000 H20
		Notary Public
· · · · · · · · · · · · · · · · · · ·	GLORIA HILL Notarial Seal - Iowa	-

PATENT REEL: 014858 FRAME: 0032

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Docket No: 900.186US1
Serial Number: 10/627584
Filing Date: July 25, 2003
Page 3 of 4

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8 Steve W. Martin On this grant day of December 2003 before me personally appeared Steve W. Martin, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth. [SEAL] Notary Public GLORIA HILL Notarial Seal - lowa Commission # 166575

> PATENT REEL: 014858 FRAME: 0033

Docket No: 900.186US1 Serial Number: 10/627584 Filing Date: July 25, 2003 Page 4 of 4

RECORDED: 01/07/2004

IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of ___, 2003. Jacob T. Sutherland STATE OF _ COUNTY OF On this Standard day of December, 2003 before me personally appeared Jacob T. Sutherland, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth. [SEAL] Notary Public **GLORIA HILL** Notarial Seal - Iowa Commission # 166575 My Commission Expires 9

> PATENT REEL: 014858 FRAME: 0034