FORM PTO-1 Expires 06/30/99 OMB 0651-0027	3·15·04	RECO	03-17 10269		Pa		artment of Commerce d Trademark Office PATENT		
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D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB

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**PATENT** 

**REEL: 015073 FRAME: 0356** 

FORM PTO-1619B  Expires 06/30/99  OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Addre	ess Area Code and Telephone Number	630-252-2042
Name Robert J. Fisher		
Address (line 1) U.S. Department of Energy		
Address (line 2) Intellectual Property Law Div	ision	
Address (line 3) 9800 S. Cass Ave		
Address (line 4) Argonne, IL 60439		
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Application Number(s) or Patent	` '	additional numbers attached
Enter either the Patent Application Number Patent Application Number	or the Patent Number (DO NOT ENTER BOTH numbers in (s) Patent	for the same property). t Number(s)
10/627,584		
If this document is being filed together with a newas	ew Patent Application, enter the date the patent applicat	ion <u>Month Day Year</u>
Patent Cooperation Treaty (PCT)	DOT DOT	
Enter PCT application numb only if a U.S. Application Nu has not been assigned.		PCT PCT
Number of Properties	total number of properties involved.	
Fee Amount Fee An	nount for Properties Listed (37 CFR 3.41): \$	0.00
Deposit Account	Enclosed Deposit Account	
(Enter for payment by deposit account o	or if additional fees can be charged to the Deposit Account Number: #	
	Authorization to charge additional fees:	Yes No 🗸
Statement and Signature		
	nd belief, the foregoing information is true ar f the original document. Charges to deposit a	
Brain J. Lally		1-29-04
Name of Person Signing	Signature	Date

PATENT REEL: 015073 FRAME: 0357

## **IOWA STATE UNIVERSITY**

Iowa State University Research Foundation, Inc.

DOE Docket No.: S-99,452

310 Lab of Mechanics Ames, Iowa 50011-2131 U.S.A. 515 294-4740

FAX 515 294-0778

FAX 515 294-8926 (Trademark)

## CONFIRMATORY LICENSE TO DOE

Application Title:

Compounds for novel proton conducting membranes and

methods of making same

Serial Number:

10/627,584 07/25/03

Filing Date: Contract Number:

W-7405-Eng-82

Contractor:

Iowa State University

The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions in the above-numbered contract (certified on February 12, 1996) governing patent rights in the Subject Invention at the time the invention was made has been submitted to the Department of Energy.

The contractor hereby confirms that under the provisions of the above-numbered contract governing patent rights, it has granted to the Government a nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world. This license applies to the invention in the above-identified patent application and any and all divisions or continuations thereof and any resulting patent or reissue patent which may be granted thereon.

It is understood and agreed that this document does not preclude the Government from asserting rights under the provisions of said contract or any other agreement between the Government and the Contractor, or any other rights of the Government with respect to the above-identified invention.

The Contractor hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 4th day of December, 2003

RECORDED: 03/15/2004

Kenneth Kirkland, Ph.D.

**Executive Director** 

Iowa State University Research Foundation, Inc.

PATENT REEL: 015073 FRAME: 0358