FORM PTO-1619A Expires C3/30/99 OMB 0651-0027

02-05-2003



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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 Address	Area Code and Telephone Number	[630] 252-2393
Name ROBERT J. FISHER		
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Address (line 3) 9800 SOUTH CASS AVENUE		
Address (line 4) ARGONNE, ILLINOIS 60439		
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Patent Application Number(s)  10/306,258  If this document is being filed together with a new F was  Patent Cooperation Treaty (PCT)  Enter PCT application number only if a U.S. Application Numb has not been assigned.  Number of Properties	Patent Application, enter the date the patent application	Number(s)
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	unt for Properties Listed (37 CFR 3.41): \$	
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## CONFIRMATORY LICENSE

(Nonprofit Organizations or Small Business Firms)

Title LOW-TEMPERATURE HYDROGEN PRODUCTION

FROM OXYGENATED HYDROCARBONS

Inventor(s) Randy D. Cortright, James A. Dumesic

Serial No. 10/306258 Filing Date (U.S.): 11/27/2002

University of Wisconsin-Contractor

Wisconsin Alumni Research Foundation

DOE Contract No. DE-FG02-84ER13183

DOE Case No. 5-99, 180

Patent Rights Clause No.: DEAR 952.227-71

Foreign Applications filed in or intended to be filed at Contractor's expense in

(countries): PCT-All

The contractor, having the right to retain title to Subject Inventions as a result of Public Law 96-517, has reported the above-identified invention as a Subject Invention to DOE with its election to retain title thereto.

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The Government is hereby granted an irrevocable power to inspect and make copies of the aboveidentified patent application. The contents of any such application and/or copies thereof will be treated with the same degree of confidence that are accorded applications by the Patent and Trademark Office.

Signed this 26<sup>74</sup> day of December, 2002 (SEAL)

BY: Bryan Z Renk, Director of Patents & Licensing

614 Walnut Street

Madison, Wisconsin 53705

WARF Ref: P02346US

(Contractor)