

06-23-2000

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101387900

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Name (line 2)

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Execution Date  
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Name (line 2)

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Area Code and Telephone Number

[630] 252-2393

Name ROBERT J. FISHER

Address (line 1) U.S. DEPARTMENT OF ENERGY

Address (line 2) OFFICE OF INTELLECTUAL PROPERTY LAW

Address (line 3) 9800 SOUTH CASS AVENUE

Address (line 4) ARGONNE, ILLINOIS 60439

**Pages**

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# 16

**Application Number(s) or Patent Number(s)**

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Patent Application Number(s)

Patent Number(s)

09/225,803

If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

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**Number of Properties**

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# 01

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Fee Amount for Properties Listed (37 CFR 3.41): \$

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6/19/00

Date

DOE Docket No.:  
S-95,665  
APCI Docket No.:  
271PUS05829

## CONFIRMATORY LICENSE

Application for: Process and Apparatus for the Production of Hydrogen By Steam  
Reforming of Hydrocarbon  
Inventor(s): Shivaji Sircar, Jeffrey R. Hufton, Shankar Nataraj  
Serial Number: 09/225803  
Filing Date: 5 January 1999  
Contract No.: DE-FC36-95G010059  
Contractor: Air Products and Chemicals, Inc.

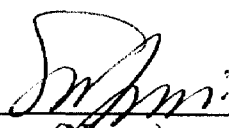
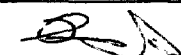
The invention identified above is a "Subject Invention" under the above-numbered contract. A copy of the provisions of the above-numbered contract (certified on 17 March 1997 (date)) governing patent rights in the Subject Invention at the time the invention was made, has been submitted to the U.S. Department 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 Contract hereby grants the Government an irrevocable power to inspect and make copies of the above-identified application.

Signed this 7th day of April, 2000.

  
\_\_\_\_\_  
(Name) Stanley M. Morris  
Corporate Vice President, Technology  
\_\_\_\_\_  
(Title) 

If the invention was made under a subcontract, please identify the Prime Contractor:

Air Products and Chemicals, Inc., Prime Contract No. DE-FC<sup>36</sup>-95G010059