

04-21-1999



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**Correspondent Name and Address**

Area Code and Telephone Number

(630) 252-2176

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, IL 60439

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 1

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

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

08/939,577

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.

PCT

PCT

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**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

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

Method of Payment:

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**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. Charges to deposit account are authorized, as indicated herein.

Mark P. Dvorscak, Reg. No. 33,492

Name of Person Signing

*MPDvorscak*

Signature

4-14-99

Date

# CONFIRMATORY LICENSE

(Nonprofit Organizations or Small Business Firms)  
Metal Sulfide Initiators For Metal Oxide

Title : ~~Sorbent Regeneration~~  
~~An-Additive for Metal Oxide Sorbents~~ D46

Inventor(s) : **Brian S. Turk and Raghubir P. Gupta**

Serial No. : 08/939,577 Filing Date (U.S.): 9/29/97

Contractor : **Research Triangle Institute**

DOE Contract No.: **DE-AC21-88MC25006**

DOE Case No. : **S-88,334**

Patent Rights Clause No.: **DEAR 952.227-71**

Foreign Applications filed in or intended to be filed at Contractor's expense in (countries):  
None Planned

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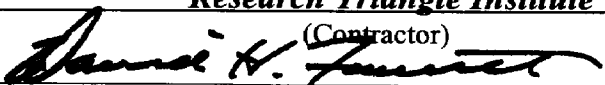
The Contractor, having the right to retain title to Subject Inventions as a result of Public Law 96-517, has reported the above-identified invention as a Subject Invention to DOE with its election to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States, required by the Public Law and the above-identified contract, in this Subject Invention, patent application and any resulting patent, as well as any continuation, divisional, reissue, supplemental or continuation-in-part thereof, throughout the world and of all other rights acquired by the Government by the above-identified patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified Subject Invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 20<sup>th</sup> day of April, 19 98.

(SEAL)

Research Triangle Institute  
(Contractor)  
  
By: **David H. Faucette, Sr. Patents and Licensing Officer**  
(Contractor's Official and Title)

P.O. Box 12194, Research Triangle Park, N.C. 27709  
(Business Address)

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)**

Applicant(s):

Docket No.

S-88,334

Serial No.

08/939,577

Filing Date

9/29/97

Examiner

Group Art Unit

Invention: **METAL SULFIDE INITIATORS FOR METAL OXIDE SORBENT REGENERATION**I hereby certify that this **Recordation Form Cover Sheet for Confirmatory License***(Identify type of correspondence)*

is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The

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*(Date)***Mark P. Dvorscak***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***Note: Each paper must have its own certificate of mailing.**

**Correspondent Name and Address**

Area Code and Telephone Number

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**Patent Number(s)**

09/064,499

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Mark P. Dvorscak, Reg. No. 33,492

Name of Person Signing

*Mr. P. Dvorscak*

Signature

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Date