

03-15-1999

5-90,514  
U.S. Department of Commerce  
Patent and Trademark Office  
PATENT



100982387

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☒ New

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Conveyance Type

☒ Assignment

☐ Security Agreement

☐ License

☐ Change of Name

☐ Merger

☐ Other

U.S. Government

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☒ Departmental File

☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) GRAY, McMahan L.

Execution Date  
Month Day Year  
09/21/1998

Name (line 2)

Second Party

Name (line 1) CHAMPAGNE, Kenneth J.

Execution Date  
Month Day Year  
09/21/1998

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) United States Department of Energy

Name (line 2)

Address (line 1) 1000 Independence Avenue, S.W.

Address (line 2)

Address (line 3) Washington

District of Columbia

20585-162

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Correspondent Name and Address

Area Code and Telephone Number

202-586-2810

Name Betty A. Winchester

Address (line 1) MS 6F-067 (FORSTL), GC-62

Address (line 2) United States Department of Energy

Address (line 3) 1000 Independence Avenue, S. W.

Address (line 4) Washington, D.C. 20585-162

Pages

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

# 2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

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)

09/161,673

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

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

Enter the total number of properties involved.

# 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00 E

Method of Payment:

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Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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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.

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Name of Person Signing

Signature

3/4/1999

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
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U.S. Department of Commerce  
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PATENT

Conveying Party(ies)

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Enter additional Conveying Parties

Name (line 1) FINSETH, Dennis H.

Execution Date  
Month Day Year  
09/21/1998

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

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City

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Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

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)

09/161,673

09/16/98, 673

Joint

U.S. DEPARTMENT OF ENERGY  
PATENT ASSIGNMENT FORM

WHEREAS, we, **McMahan L. Gray, Kenneth J. Champagne and Dennis H. Finseth**, citizens of the United States residing in **Pittsburgh**, County of **Allegheny**, State of **Pennsylvania**; in **Monongahela**, County of **Washington**, State of **Pennsylvania**; and in **Pittsburgh**, County of **Allegheny**, State of **Pennsylvania**; have invented certain new and useful improvements in **Continuous Air Agglomeration Method for High Carbon Fly Ash Beneficiation**, for which we are about to file an application for United States Letters Patent identified as **S-90,514**; and executed by us on the 21<sup>st</sup> day of September 1998; on the 21<sup>st</sup> day of September 1998; and on the 21<sup>st</sup> day of September 1998, respectively; and;

WHEREAS, the Government of the United States desires to acquire the entire right, title, and interest in and to the said invention and in and to any Letters Patent wherever they may be issued thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar to us in hand paid by the Government of the United States, and for other good and valuable consideration, the receipt of which is hereby acknowledged, we by these presents do sell, assign, and transfer unto the said Government of the United States, as represented by the United States Department of Energy and/or its assigns, the entire right, title, and interest in and to the said invention and in and to any and all Letters Patent wherever they may be granted thereon as well as reissues and extensions of said Letters Patent, the same to be held and enjoyed by the said Government of the United States to the full end of the term or terms for which Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held or enjoyed by us had this assignment not been made.

We agree to make, execute, and deliver unto the Government of the United States, or to the United States Department of Energy, any and all papers, documents, affidavits, renewal, divisional and reissue applications, statements, or other instruments in such usual or other forms, terms, and contents as may be required by the United States Department of Energy or its duly authorized representative, in or incident to the prosecution or conduct of any and all applications, before as well as after the issuance of any Letters Patent thereon, or in the adjustment or settlement of any interferences or other actions or proceedings that said applications may encounter or in which they may become involved, and we agree that we will aid the Government of the United States in every way in protecting the invention as may be requested by the United States Department of Energy or its assigns, except that any expenses arising through extending such assistance will be paid for by proper arrangement with the Government of the United States.

WITNESS:

*Ann C. Duxlap*  
(SEAL)

INVENTORS:

*McMahan L. Gray*

DATE 9/21/98

WITNESS:

Ann C. Dunlap  
(SEAL)

INVENTORS:

Kenneth J. Champagne

DATE 9-21-98

WITNESS:

Ann C. Dunlap  
(SEAL)

Ann C. Dunlap

DATE 9-21-98

Approved and consented to this 21<sup>st</sup> day of September, 1998

ATTEST:

(SEAL)

By Ann C. Dunlap

Its

Notarial Seal  
Ann C. Dunlap, Notary Public  
South Park Twp., Allegheny County  
My Commission Expires Aug. 20, 2001  
Member, Pennsylvania Association of Notaries

Accepted for the Benefit of the Government of the United States.

UNITED STATES DEPARTMENT OF ENERGY

WITNESS:

Stefan H. H. H. H.

By

GOA

Assistant General Counsel for Technology  
Transfer and Intellectual Property