FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

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U.S. Department of Commerce Patent and Trademark Office PATENT

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| TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). | | | | |
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| Correction of PTO Error Reel # Frame # Merger Other | | | | |
| Corrective Document (For Use ONLY by U.S. Government Agencies) | | | | |
| Reel # Prame # Departmental File Secret File | | | | |
| Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Month Day Year | | | | |
| Name (line 1) AESCHLIMAN, Daniel P. 6/22/2000 | | | | |
| Name (line 2) Execution Date | | | | |
| Second Party Month Day Year Name (line 1) | | | | |
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| Name (line 1) U. S. Department of Energy If document to be recorded is an assignment and the receiving party is not | | | | |
| Name (line 2) domiciled in the United States, an appointment of a domestic | | | | |
| Address (line 1) 1000 Independence Avenue, S.W. representative is attached. (Designation must be a separate document from Assignment) | | | | |
| Address (line 2) | | | | |
| Address (line 3) Washington D.C. 20585-0162 City State/Country Zip Code | | | | |
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Mail documents to be recorded with required cover sheet(s) information to:

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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 | |
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| Correspondent Name and Address | Area Code and Telepho | one Number | 202-586-2810 | |
| Name Betty A. Winchester | | | | |
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| Address (line 2) United States Department of Energy | | | | |
| Address (line 3) 1000 Independence Avenue, S. W. | | | | |
| Address (line 4) Washington, D. C. 20585-0162 | | | | |
| Pages Enter the total number of pagincluding any attachments. | es of the attached conve | eyance documer | mt # 3 | |
| Application Number(s) or Patent Num | nber(s) | Mark if add | ditional numbers attached | |
| Patent Application Number or the Patent Application Number (s) 09/516600 If this document is being filed together with a new Patent signed by the first named executing inventor. Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned. Number of Properties Enter the total | Application, enter the date the | Patent I | Number(s) | |
| | for Properties Listed (37 | | 40.00 | |
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| Statement and Signature To the best of my knowledge and be | lief, the foregoing inform | nation is true an | nd correct and any | |

attached copy is a true copy of the original document. Charges to deposit account are authorized, as

Signature

indicated herein.

Betty A. Winchester

Name of Person Signing

PATENT REEL: 012490 FRAME: 0075

Date

SD-5423.1/S-92.484 September 13, 1999

ASSIGNMENT

WHEREAS. Jeffry J. Sniegowski. Murray S. Rodgers, Paul J. McWhorter of Albuquerque, New Mexico; and Daniel P. Aeschliman of Codar Great, New Mexico has(have) made an invention relating to Gas-Driven Microturbine in the course of the work authorized by Contract DE-AC04-94AL85000 between SANDIA CORPORATION and the UNITED STATES DEPARTMENT OF ENERGY, said invention being disclosed and claimed in an application for United States patent, identified as DOE Docket No: S-92,484 duly executed by said inventors..

WHEREAS. I/We, in consideration of my/our employment by Sandia Corporation, have agreed, among other things, to assign to Sandia Corporation, its successors and assigns, all my/our rights to my/our inventions, discoveries, or improvements made or conceived in the course of my/our employment; and

WHEREAS, the Government of the United States desires to acquire, pursuant to Part II, Section I, Clause 57 of Contract DE-AC04-94DP85000, the ertire right, title, and interest in and to said invention and in and to any patents therefor wherever they may be granted, as well as reissues or extensions of said patents:

NOW, THEREFORE, for and in consideration of the premises. I/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, my/our entire right, title, and interest in and to said invention and in and to all patents therefor wherever they may be granted, as well as reissues or extensions of said patents, 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 said patents 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.

I/We covenant with the Government of the United States that, except for the rights, if any, of Sandia Corporation, my/our interest in the rights and property herein conveyed is free and clear of any encumbrance and that I/we have full right to convey the same as herein expressed. I/We agree, at the request of the Government, to make, execute, and deliver to the Government of the United States or to the United States Department of Energy any and all papers, documents, affidavits, applications, statements, or other instruments relating to said invention, take all rightful oaths and do all acts as may reasonably be required of us by the United States Department of Energy in or incident to the prosecution of any or all applications on said invention or in the adjustment or settlement of any interferences or other actions or proceedings that said applications or patents thereon may encounter or in which they may become involved, except that any expense arising from such assistance will be paid by the Government of the United States, by proper arrangement

PATENT REEL: 012490 FRAME: 0076

SD-5423.1/S-92,484 Page 2

Signed at Albuquerque, New Mexico.

Date: 6/22/00

Daniel P. Aeschliman

STATE OF IDAHO

COUNTY OF BONNER

) ss:

On the dates indicated above personally appeared before me, Daniel P. Aeschliman to me known to be the individual(s) described in and who executed the foregoing instrument, and who

acknowledged to me that he executed the same

Approved and consented to this 22nd day of June

SANDIA CORPORATION

Chief Patent Counsel

Patent and Licensing Office. M\$ 0161

PATENT REEL: 012490 FRAME: 0077 Accepted for the Benefit of the Government of the United States.

UNITED STATES DEPARTMENT OF ENERGY

Assistant General Counsel for Technology Transfer and Intellectual Property

WITNESS:

RECORDED: 01/18/2002

PATENT REEL: 012490 FRAME: 0078