

U.S. PATENT AND TRADEMARK OFFICE
AUG 02 2005

08-08-2005



103056407

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 09454.0002-02
Attorney Customer Number: 22,852

Mail Stop Assignment Recordation Services

To the Director of the U.S. Patent and Trademark Office
Please record the attached original

1. Name of conveying party(ies):
1) David W. Vos
2) Benjamin Russ

2. Name and address of receiving party(ies):

Name: Athena Technologies, Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Internal Address:

3. Nature of conveyance:

Street Address: Vint Hill Tech Park
6786 Watson Ct.

☒ Assignment

☐ Merger

City: Warrenton

☐ Security Agreement

☐ Change of Name

State: Virginia Zip Code: 20187

☐ Other:

Additional name(s) & Address(es) attached?

Execution Date: 1) 7/14/05
2) 7/14/05

☐ Yes ☒ No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:

A. Patent Application Number(s):

B. Patent Number(s):

10/051,304

Additional numbers attached?

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and registrations involved: 1

Name: Lionel M. Lavenue

7. Total fee (37 CFR 1.21(h) and 3.41): \$40

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

☒ Enclosed (Please charge deficiency to deposit account 06-0916)

Street Address: 901 New York Avenue, N.W.

☐ Authorized to be charged to deposit account

City: Washington, D.C.

State: Zip: 20001-4413

8. Deposit Account No.: 06-0916

9. 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.

Christopher T. Kent
Reg. No. 48,216

Signature

August 2, 2005
Date

Total number of pages including cover sheet, attachments and documents: 3

01/2005

08/05/2005 ECOOPER 00000176 10051304

01 FC:8021

40.00 DP

PATENT
REEL: 016833 FRAME: 0326

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

OPTIMIZATION METHOD FOR POWER GENERATION SYSTEMS

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on January 22, 2002, (Application No. 10/051,304); and

WHEREAS, Athena Technologies, Inc., a corporation of Delaware, whose post office address is Vint Hill Tech Park, 6786 Watson Ct., Warrenton, Va. 20187 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

County of <u>Fauquier</u>)	Name: <u>David W. Vos</u>
) ss.	Address: <u>3839 Cobbler Mountain Road</u>
)	<u>Delaplane, Virginia 20144</u>
State of <u>Virginia</u>)	By: <u>[Signature]</u>
	Date: <u>7/14/05</u>

Subscribed and sworn to before me this 14th day of July, 2005
Carrie L. Mullins, Notary Public

County of Fauquier)
)
)
State of Virginia)

ss.

Name: Benjamin Russ
Address: 8014 Greenwich Road
Catlett, Virginia 20119
By: *Benjamin Russ*
Date: 7/14/2005

Subscribed and sworn to before me this 14th day of July, 2005
Carmie L. Mullins, Notary Public