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Tab settings ⇔⇔⇔

12-29-2004

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

102913237

ached original documents or copy thereof.

Name of conveying party(ies):

To the Honorable Commissioner of Pat.

Robert A. Reynolds, III

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

3. Nature of conveyance:

Assignment

Execution Date: November 22, 2004

4. Application number(s) or patent number(s):

2. Name and address of receiving party(ies)

Name: Advanced Energy Technology Inc.

Street Address: 12900 Snow Road City: Parma ST: Ohio ZIP 44130

Additional name(s) & address(es) attached? No

A. Patent Application No.(s): 10/927,955

Additional numbers attached? Tyes No.

B. Patent No.(s):

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

Name: WADDEY & PATTERSON

Internal Address: BANK OF AMERICA PLAZA

SUITE 2020

Street Address: 414 UNION STREET

City: NASHVILLE

State: TN

Zip: 37219

Customer No. 23456

Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):..... \$40.00

The fee is authorized to be charged to deposit account.

8. Deposit account number:

50-1202

(Attach duplicate copy of this page if paying by deposit account.)

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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.

James R. Cartiglia, Reg. No. 30,738

Name of Person Signing

Signature

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

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents, Mail Stop Assignment Recordation Services

12/28/2004 ECOOPER 00000121 501202

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P.O. Box 1450 Alexandria, VA 22313-1450

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PATENT REEL: 016117 FRAME: 0829 ASSIGNMENT

In consideration of the payment of one (\$1.00) dollar, and for other good

and valuable consideration, the receipt of which is hereby acknowledged,

Robert A. Reynolds, III ("Assignor") assigns to Advanced Energy Technology

Inc. of Wilmington, Delaware ("Assignee") his entire right, title, and interest in

and to an invention entitled "COMPOSITE ELECTRODE AND CURRENT

COLLECTORS AND PROCESSES FOR MAKING THE SAME" (the

"Invention"), and in any and all patents, reissue patents, certificates of

inventorship, design registrations, utility models, and the like, that may be

granted in the U.S. or in any foreign country with respect to the Invention and

improvements thereto, and in any application, including continuations,

continuations-in-part, or divisions, that may be filed with respect to the

Invention or improvements thereto, including pending U.S. Patent Application

Serial Number 10/927,955, filed August 27, 2004.

Assignor will, without additional charge to Assignee but at Assignee's

expense, cooperate with and assist Assignee such that Assignee may realize

and fully enjoy all the rights assigned hereunder, including the preparation and

execution of all papers needed by Assignee, and providing such information and

assistance as may reasonably be required by Assignee in any administrative or

legal proceeding to obtain or protect such rights.

PATENT REEL: 016117 FRAME: 0830

Assignor represents and warrants that he has not publicly used or disclosed the Invention, and that he has not previously sold or offered to sell the Invention.

Assignor represents and warrants that he has not transferred, licensed, and/or assigned any interest in the Invention to anyone other than Assignee, and that he has not entered into any contract, assignment, or license conveying any right granted to Assignee hereunder, or that would otherwise conflict with this Assignment.

This Assignment and each of its terms shall be binding on Assignor, his representatives, heirs and assigns, and shall inure to the benefit of Assignee, its successors, and assigns.

Robert A. Reyholds, III Date

STATE OF OHIO COUNTY OF CULA HOGA

Before me, Robert A. Reynolds III., a Notary Public of the state and county aforesaid, personally appeared Robert A. Reynolds, III, with whom I am personally acquainted, or proved to me on the basis of satisfactory evidence, and who upon oath, acknowledged himself to be the within named Assignor, and that he executed the foregoing instrument for the purposes therein contained.

This 22nd day of NOVEMBER, 2004.

My commission expires: AUG 23,

PATENT RECORDED: 12/27/2004 REEL: 016117 FRAME: 0831