

02-06-2004

U.S. Department of Commerce
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PATENT



102663900

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

1-29-04

17497 U.S. PTO
10/767800

012904

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or cop(ies).

Submission Type

- ☒ **New**
- ☐ **Resubmission (Non-Recordation)**
Document ID#
- ☐ **Correction of PTO Error**
Reel # Frame #
- ☐ **Corrective Document**
Reel # Frame #

Conveyance Type

- ☒ **Assignment** ☐ **Security Agreement**
- ☐ **License** ☐ **Change of Name**
- ☐ **Merger** ☐ **Other**
U.S. Government
(For Use ONLY by U.S. Government Agencies)
- ☐ **Departmental File** ☐ **Secret File**

Conveying Party(ies)

- ☒ **Mark if additional names of conveying parties attached** Execution Date
Month Day Year
01222004

Name (line1) **HUANG, Jianshang**

Name (line2)

Second Party

Name (line1) **O'HANDLEY, Robert C.**

10767800

Execution Date
Month Day Year
01222004

Name (line2)

Receiving Party

- ☐ **Mark if additional names of receiving parties attached**
- ☐ **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.)**

Name (line 1) **Ferro Solutions, Inc.**

Name (line 2)

Address (line 1) **563 Poplar Street**

Address (line 2)

Address (line 3) **Roslindale**

City

MA

Stat

02131

Enter for the first Receiving Party only.

Domestic Representative Name and Address

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

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

Conveying Party(ies)

Enter additional Conveying Parties

☐ Mark if additional names of conveying parties attached

Execution Date
Month Day Year
01222004

Name (line1) BONO, David

Name (line2)

Execution Date
Month Day Year

Name (line1)

Name (line2)

Execution Date
Month Day Year

Name (line1)

Name (line2)

Receiving Party(ies)

Enter additional Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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.)

☐ 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.)

Application Number(s) or Patent Number(s)

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

☐ Mark if additional numbers attached

Patent Application Number(s)

Patent Number(s)

U.S. PTO
1749
10/767800
012904

Correspondent Name and Address Area Code and Telephone Number (617) 367-4600

Name Paul E. Kudirka, Esq.

Address (line 1) Kudirka & Jobse, LLP

Address (line 2) One State Street, Suite 800

Address (line 3) Boston, MA 02109

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. # 3

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)

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
01222004

Patent Cooperation Treaty (PCT)

Enter PCT application number	PCT	PCT	PCT
<u>only if a U.S. Application Number</u>	PCT	PCT	PCT
Has not been assigned.			

Number of Properties Enter the total number of properties involved. # 1

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

Method of Payment: Enclosed ☒ Deposit Account ☐

Deposit Account

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

Deposit Account Number: # 02-3038

Authorization to charge additional fees: Yes ☒ No ☐

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.

Paul E. Kudirka

Name of Person Signing



Signature

1/29/04

Date

Whereas we, the undersigned, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled, HIGH EFFICIENCY, VIBRATION ENERGY HARVESTER, identified by Kudirka & Jobse, LLP, Docket No. F0017/7001, which application was executed by us on the date(s) indicated below, and

Whereas Ferro Solutions, Inc., a Delaware corporation having a place of business at 563 Poplar Street, Roslindale, Massachusetts 02131, which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which is hereby acknowledged, we do hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, Convention and non-Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same

Assignment 1 of 3

could have been held and enjoyed by our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment of Patent Application on the date indicated next to our names.

Date I signed the declaration: 1/22/04.

Huang Today's Date: 1/22/04

Jiankang Huang
563 Poplar Street, Roslindale, MA 02131

State of Massachusetts
County of Middlesex } ss

On this 22 day of Jan., 2004, before me appeared Jiankang Huang, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Maria Nargi
Notary Public

[seal]



☐ Known to me personally

☒ Identification produced: MIT ID

☒ Additional assignor name sheets attached.

Assignment 2 of 3

ASSIGNMENT - SUPPLEMENTAL ASSIGNOR SHEET

Second Assignor

Date I Signed the declaration: Jan 22 2004

Robert C. O'Handley
Robert C. O'Handley

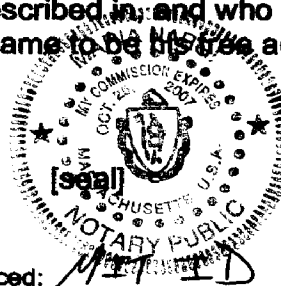
Date: Jan - 22, 2004

3 Glenn Cove Road, Andover, MA 01810

State of Massachusetts
County of Middlesex } ss

On this 22 day of Jan, 2004, before me appeared **Robert C. O'Handley**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Maria Nagy
Notary Public



☐ Known to me personally

☒ Identification produced: METED

Third Assignor

Date I Signed the declaration: 1/22/2004

David C. Bono
David Bono

Date: Jan 22 2004

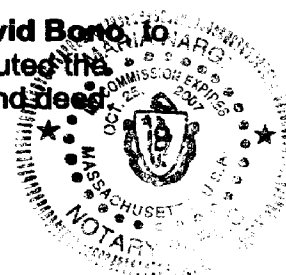
138 Dover Road, Wellesley, MA 02484 02482 DCB

State of Massachusetts
County of Middlesex } ss

On this 22 day of Jan, 2004, before me appeared **David Bono**, to me known and known to me to be the person described in, and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Maria Nagy
Notary Public

[seal]



☒ Known to me personally

☐ Identification produced: _____

Assignment 3 of 3