

5-11-01

05-18-2001

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



101722040

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

**RECORDATION FORM COVER SHEET
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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 # 011437 Frame # 0976

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
11	22	20	00

Name (line1) YAMAMURA, Akira

Name (line2)

Second Party

Name (line1) OTEY, Robert

Name (line2)

Execution Date

Month	Day	Year
11	22	2000

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Ferrotec America Corporation

Name (line 2)

Address (line 1) 40 Simon Street

Address (line 2)

Address (line 3) Nashua

City

New Hampshire

State/Country

03061

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.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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05/17/2001 DBYRNE 00000207 09657426

00 FC:581

40.00 DP

PATENT
REEL: 011800 FRAME: 0917

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) Two Center Plaza

Address (line 3) Boston, MA 02108

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)

(09657426)

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)

PCT

PCT

PCT

Enter PCT application number

only if a U.S. Application Number 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

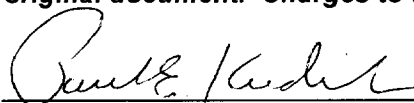
No

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

5/8/01

Date

01-23-2001



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1.4.01

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Name (line2)

Second Party

Execution Date
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Name (line2)

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Address (line 4)

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Area Code and Telephone Number (617) 367-4600

Name Paul E. Kudirka, Esq.

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Address (line 2) Two Center Plaza

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PCT

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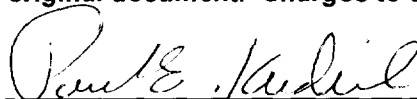
No

Statement and Signature

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Paul E. Kudirka

Name of Person Signing



Signature

1/2/01

Date

ASSIGNMENT OF PATENT APPLICATION

Docket No. F0006/7129

Applicant: Akira Yamamura and Robert Otey
Serial No: 09/657,426
Filed: September 8, 2000
For: THERMOELECTRIC MODULE WITH INTEGRATED HEAT EXCHANGER
AND METHOD OF USE
Examiner: Not Yet Assigned
Art Unit: 3743

Whereas we, the undersigned, have made certain inventions or discoveries (or both) set forth in the above-identified application for Letters Patent of the United States of America, and

Whereas Ferrotech America Corporation, a Massachusetts corporation having a place of business at 40 Simon Street, Nashua, New Hampshire 03061, 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

Assignment 1 of 3

PATENT
REEL: 011800 FRAME: 0921

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 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.

Akira Yamamura

Date: 11-22-00

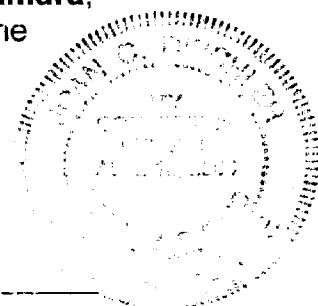
Akira Yamamura
28-9 Kamiyama-cho, Shibuya, Tokyo

State of New Hampshire
County of Hillsborough } ss

On this 22nd day of November, 2000, before me appeared **Akira Yamamura**, 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.

Joan G. Decker
Notary Public
JOAN G. DECKER, Notary Public
My Commission Exp. 10 August 10, 2004

[seal]



Known to me personally

Identification produced: _____

Additional assignor name sheets attached.

ASSIGNMENT – SUPPLEMENTAL ASSIGNOR SHEET

Second Assignor

Robert W Otey

Date: 11-22-00

Robert Otey
3 Landing Court, Litchfield, New Hampshire 03052

State of New Hampshire

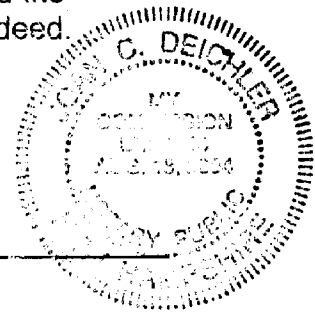
County of Hillsborough } ss

On this 22nd day of November, 2000, before me appeared **Robert Otey**, 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.

Joan C. Deichler

Notary Public JOAN C. DEICHLER, Notary Public
My Commission Expires August 13, 2004

[seal]



Known to me personally

Identification produced: _____