

FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

12-16-2005
103138831

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

William R. Dolbier, Jr.
Jian-Xin Duan
Alex J. Roche

2. Name and address of receiving party(ies)

Name: Alpha Metals, Inc.

Street Address: 250 Culver Avenue, Jersey City, NJ 07304

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Dates:

December 12, 2005; December 8, 2005; December 1, 2005

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 is ____.

A. Patent Application No(s):

08/818,584

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: A. Jason Mirabito, Esq.
Address: MINTZ, LEVIN, COHN, FERRIS
GLOVSKY and POPEO, P.C.
One Financial Center
Boston, MA 02111

6. Total number of applications and patents involved: [1]

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

☒ Enclosed
☒ The Commissioner is authorized to charge any deficiencies or credit
any overpayment to Deposit Account No: 50-0311, Reference No.
18105-043.

DO NOT USE THIS SPACE

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.

Robert J. Sayre, Reg. No. 42,124

Name of Person Signing

Robert J. Sayre

Signature

December 12, 2005

Date

Total number of pages including cover sheet, attachments, and document: [7]

12/15/2005 ECDOOPER 00000084 08818584

01 FC:8021

40.00 OP

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, William R. Dolbier, Jr., Jian-Xin Duan and Alex J. Roche, the undersigned, hereby

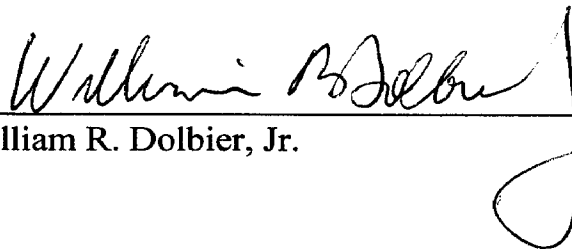
Sell, assign and transfer to Alpha Metals, Inc., a Delaware corporation, having a place of business at 250 Culver Avenue, Jersey City, New Jersey 07304, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled AF4 SYNTHESIS, filed with the U.S. Patent and Trademark Office on a March 14, 1997 and assigned Serial No. 08/818,584, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts as known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein express is possessed by me.

Date: 12/18/05



William R. Dolbier, Jr.

Date: _____

Jian-Xin Duan

Date: _____

Alex J. Roche

TRADOCS: 1083472.1 (n80g011.doc)

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, William R. Dolbier, Jr., Jian-Xin Duan and Alex J. Roche, the undersigned, hereby

Sell, assign and transfer to Alpha Metals, Inc., a Delaware corporation, having a place of business at 250 Culver Avenue, Jersey City, New Jersey 07304, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled AF4 SYNTHESIS, filed with the U.S. Patent and Trademark Office on a March 14, 1997 and assigned Serial No. 08/818,584, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

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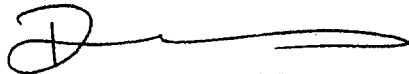
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Date: _____

William R. Dolbier, Jr.

Date: 12/8/05 _____


Jian-Xin Duan

Date: _____

Alex J. Roche

EXPRESS MAIL LABEL NO. EV 695513389 US
DATE OF DEPOSIT: DECEMBER 12, 2005

ATTORNEY DOCKET NO. 18105-043

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, William R. Dolbier, Jr., Jian-Xin Duan and Alex J. Roche, the undersigned, hereby

Sell, assign and transfer to Alpha Metals, Inc., a Delaware corporation, having a place of business at 250 Culver Avenue, Jersey City, New Jersey 07304, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled AF4 SYNTHESIS, filed with the U.S. Patent and Trademark Office on a March 14, 1997 and assigned Serial No. 08/818,584, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts as known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

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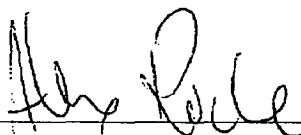
Serial No. 08/818,584

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein express is possessed by me.

Date: _____

William R. Dolbier, Jr.

Date: _____

Jian-Xin DuanDate: Dec 1st 2005_____
Alex J. Roche

Date of Deposit: December 12, 2005

Attorney Docket No. 18105-043

(Formerly 17565-095 and

A0642/7085)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dolbier, Jr., et al.
Serial No.: 08/818,584
Filed: 03/14/97
For: AF4 SYNTHESIS

Examiner: J. Vollano
Art Unit: 1612

Mail Stop Assignment Recordation Services
Director of the US Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

- ☒ Assignment Recordation Cover Sheet (1 page);
- ☒ Copy of Assignment documents (3 counterparts, 6 total pgs.);
- ☒ Check #21664 in the amount of \$40.00; and
- ☒ Return postcard.

If the enclosed papers are considered incomplete, the Mail Room is respectfully requested to contact the undersigned collect at telephone (617) 542-6000. The Commissioner is authorized to credit any overpayment or charge any deficiencies to Deposit Account No. 50-0311, Reference No. 18105-043. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,



Robert J. Sayre, Reg. No. 42,124

Attorney for Applicants

c/o MINTZ, LEVIN, COHN, FERRIS,
GLOVSKY AND POPEO, P.C.

**Please address all written correspondence
to Customer No. 30623**

Tel: (617) 542-6000

Fax: (617) 542-2241