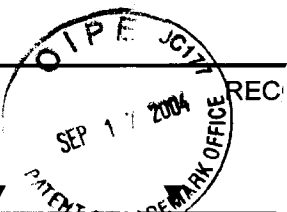


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Docket No.: T3646-905687

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08/REV03



09-22-2004

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Tab settings

To the Director of the United States Patent and ...

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ed original documents or copy thereof.

1. Name of conveying party(ies):
American Cast Iron Pipe Company

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

Name: **Microalloying Internatinal LP**

Internal Address:

Street Address: **10175 Harwin**

Suite 110

City: **Houston**

State: **TX**

ZIP: **77036**

Additional names(s) of conveying party(ies) Yes No

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: **23 August 2004**

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

5,993,570

Additional numbers attached? Yes No

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

Name: **Edward J. Kondracki**

Internal Address: **MILES & STOCKBRIDGE P.C.**

09/21/2004 6TON11 00000000 5993570

01 FC:0021 40.00 OP

Street Address: **1751 Pinnacle Drive**

Suite 500

City: **McLean** State: **VA** ZIP: **22102**

6. Total number of applications and patents involved: **1**

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

501165

(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.

Edward J. Kondracki, Reg. No. 20,604

Name of Person Signing

Signature

17 September 2004

Date

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

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

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 015788 FRAME: 0432

ASSIGNMENT

For and in consideration of the sum of One Dollar (\$1.00) in hand paid by Microalloying International LP (hereinafter Assignee), a Limited Partnership duly organized and existing under the laws of the State of Texas, and having an office at 10175 Harwin, Suite 110, Houston, Texas 77036 and for other valuable and sufficient consideration, receipt of which is hereby acknowledged, American Cast Iron Pipe Company, have sold, assigned, and conveyed and do hereby sell, assign, and convey unto said Microalloying International LP, its successors or assigns, its entire right, title, and interest; subject to a continuing non-exclusive paid up right to use the patented technology which is the subject of this Assignment:

(1) in and to an invention entitled "Linepipe and Structural Steel Produced by High Speed Continuous Casting", as described or intended to be described and claimed in U.S. Letters Patent 5,993,570 issued November 30, 1999 as a patent in the United States Patent and Trademark Office;

(2) in and to all other applications for Letters Patent of the United States, (including all divisional, continuation, substitute and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including extensions and reissues, if any, to the full end of the term or terms for which said patents may be granted; and

(3) in and to all applications for patents on said invention or any application for invention certificates now or hereafter filed in countries foreign to the United States of America, including, but not limited to Brazil, Canada, Europe and Japan and any applications for patent filed under the Patent Cooperation Treaty and/or

The European Patent Convention on or any other International Convention and to any and all patents and invention certificates granted on said applications to the full end of the terms for which said patents and invention certificates may be granted.

I do hereby covenant and agree that I will, upon request of Assignee, its successors, or assigns, and without further consideration to me:

1. execute any and all papers deemed necessary by said Assignee, its successors or assigns, to fulfill the intent and purpose of this agreement, and
2. provide the Assignee, its successors or assigns, with all pertinent facts and documents relating to said invention or said application and will testify as to the same in any judicial or other proceeding related thereto;

it being understood that any expense incident to such activities shall be paid by said Assignee, its successors or assigns and not by me.

And the Commissioner of Patents and Trademarks or the United States is hereby authorized and requested to issue the said Letters Patent of the United States, and each of them to the said Assignee, its successors or assigns, as the assignee of our entire right, title and interest therein.

Typed/Printed Name: John L. Woods
Vice President Engineering
American Cast Iron Pipe Company

Date: 23 August 2004

Signature: 