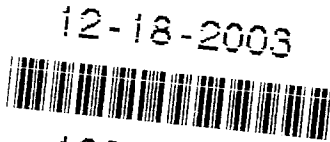


12/10/03

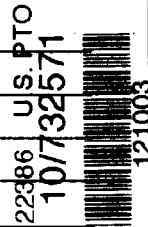
RI



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To the Honorable Commissioner of Patents and Trademarks

original documents or copy thereof.



1. Name of conveying party(ies): Wei-Di Cao

2. Name and address of receiving party(ies) Name: ATI Properties, Inc

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name Other Execution Date of Assignment : December 4, 2003

Internal Address: Street Address: 1600 NE Old Salem Road PO Box 460 City: Albany State: OR Zip: 97321

4. Application number(s) or patent number(s): 10/732571 If this document is being filed together with a new application, the execution date of the application is: December 4, 2003

A. Patent Application No.(s) B. Patent No.(s) Additional number(s) attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed. Name: Patrick J. Viccaro, Esq. Internal Address: Allegheny Technologies Incorporated Street Address: 1000 Six PPG Place City: Pittsburgh State: PA Zip: 15222-5479

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$40.00 [X] Enclosed [] Authorized to be charged to deposit account 8. Deposit account number: 11-1110 (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. William E. Kuss Name of Person Signing [Signature] Signature 12/10/03 Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to: Mail Stop: Assignment Recordation Services Director of the US Patent and Trademark Office P.O. Box: 1450 Alexandria, VA 22313-1450

(12/12/2003 EFLORES 00000057 111110 10732571 01 FC:8021 40.00 DP)

For: U.S. and/or Foreign Rights
 For: U.S. Application or
 U.S. Provisional Application
 For: U.S. Patent
 For: PCT Application
 By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Inventor(s) or person(s) or entity(ies) who own the invention

Wei-Di Cao
(type or print name(s) of ASSIGNOR(S))

4004 Wild Nursery Ct.
Address

Charlotte, NC 28215

USA
Nationality

(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

Recorded on _____

Reel _____

Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

ATI Properties Inc.
(type or print name(s) of ASSIGNEE(S))

1600 NE Old Salem Road
Address

Albany, OR 97321-0580

(a Delaware Corporation)
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: **HIGH STRENGTH MARTENSITIC STAINLESS STEEL ALLOYS, METHODS OF FORMING THE SAME, AND ARTICLES FORMED THEREFROM**

Name of Inventor: Wei-Di Cao

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) U.S. patent application executed on even date herewith

(b) U.S. patent application executed on _____

(c) U.S. provisional application naming the above inventor(s) for the above-entitled invention

Express mail label no.: _____

Mailed: _____

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d) U.S. application no.: _____ Filed: _____

(e) International application no. PCT/ _____ / _____

(f) U.S. patent no. _____ issued _____

A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as

(Assignment of Invention [16-3]—page 2 of 3)

may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this _____ day of _____
Date of Signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Date: 12/4/03

Wei-Di Cao
Signature of ASSIGNOR(S) **Wei-Di Cao**

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)

Title

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

Notarization or Legalization Page Added.