

01/02/2014



Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 04/30/2015)

103665196

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United States Patent and Trademark Office

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Wachovia Bank, National Association n/k/a Wells Fargo Bank,
National Association 301 South College Street #TW 18 Charlotte,
NC 28288

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 12/17/2013

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☒ Other Release

2. Name and address of receiving party(ies)

Name: Copperweld Bimetallics LLC

Internal Address: _____

Street Address: 275 Centerview Drive Suite 360

City: Brentwood

State: Tennessee

Country: USA Zip 37027

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

4819858, 4759486, 5236628, 5316507 Reel/ Frame 017555/0898

Additional numbers attached? ☐ Yes ☐ No

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

Name: Wells Fargo Bank, National Association

Internal Address: Stephanie Lang

Street Address: 1700 Lincoln Street

3rd Floor MAC C7300-033

City: Denver

State: CO Zip 80203

Phone Number: 303-863-5943

Docket Number: _____

Email Address: stephanie.lang@wellsfargo.com

6. Total number of applications and patents involved: 4

7. Total fee (37 CFR 1.21(h) & 3.41) \$115.00

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 00000078 4819858

01/08/2014 HTON11

Authorized User Name

160.00 OP

9. Signature:

Stephanie Lang
Signature
Stephanie Lang
Name of Person Signing

Date

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To 1700/2014 of fees incl 0000100542
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0149, or mailed to:
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\$60.00

PATENT
REEL: 032105 FRAME: 0637

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
Copperweld Bimetallics LLC	04/28/2006
RECEIVING PARTY DATA	
Name:	Wachovia Bank, National Association
Street Address:	301 South College Street
Internal Address:	TW-18
City:	Charlotte
State/Country:	NORTH CAROLINA
Postal Code:	28288
PROPERTY NUMBERS Total: 6	
Property Type	Number
Application Number:	10447365
Application Number:	10094669
Patent Number:	4819858 ✓
Patent Number:	4759486 ✓
Patent Number:	5236628 ✓
Patent Number:	5316507 ✓
CORRESPONDENCE DATA	
Fax Number:	(412)394-2555
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 2:	14th Floor
Address Line 4:	Pittsburgh, PENNSYLVANIA 15219-1425

CH \$240.00 10447365

500099841

PATENT
PATENT
 REEL: 017555 FRAME: 0898
 REEL: 032105 FRAME: 0638

ATTORNEY DOCKET NUMBER:	018164.091064
NAME OF SUBMITTER:	Jenifer S. Tarasi
Total Attachments: 4 source=00706487#page1.tif source=00706487#page2.tif source=00706487#page3.tif source=00706487#page4.tif	

**NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS**

United States Patent and Trademark Office

Gentlemen:

Please be advised that pursuant to the Loan and Security Agreement dated as of April 28, 2006 (the "Security Agreement") by and among the Borrowers thereto (each an "Borrower" and collectively, the "Borrowers") and Wachovia Bank, National Association, as Lender (the "Lender"), the undersigned Borrowers have granted a continuing security interest in and continuing lien upon, the patents shown below to the Lender:

ISSUED PATENTS

<u>Patent No.</u>	<u>Title of Invention</u>	<u>Date of Issue</u>
4,819,858	Method of cladding a steel core rod with another metal core with aluminum	04/11/1989
4,759,486	Controlled environment chamber for use in cladding a nonaluminum	07/26/1988
5,236,628	Noble metal and solid-phase lubricant composition and electronically conductive interconnector	08/17/1993

<u>Patent No.</u>	<u>Title of Invention</u>	<u>Date of Issue</u>
5,316,507	Noble metal and solid-phase lubricant composition and electronically conductive interconnector	05/31/1994
P18606789-3	Roll forming of metal articles <hr/> Brazil	07/30/1991

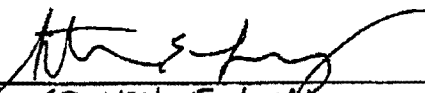
PATENT APPLICATIONS

<u>Application No.</u>	<u>Title of Invention</u>	<u>Application Date</u>
10/447,365	Copper clad aluminum strips and process for making	05/29/2003
10/094,669	Copper clad aluminum strips and process for making	03/08/2002
03 076 144.9	Copper clad aluminum strips and a process for making copper clad aluminum strips <hr/> European Patent Office	04/17/2003

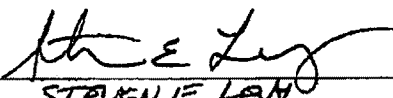
The Borrowers and the Lender, hereby acknowledge and agree that the security interest in the foregoing patents (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

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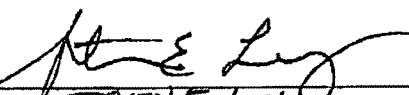
COPPERWELD HOLDINGS, LLC

By: 
Name: STEVEN E LEVY
Title: MEMBER + MANAGER

COPPERWELD BIMETALLICS LLC

By: 
Name: STEVEN E LEVY
Title: PRESIDENT

COPPERWELD BIMETALLICS UK LIMITED

By: 
Name: STEVEN E LEVY
Title: DIRECTOR

Acknowledged and Accepted:

WACHOVIA BANK, NATIONAL ASSOCIATION,
as Lender

By: Chris Curtis
Name: Chris Curtis
Title: Vice President

40139820 06037865

RECORDED: 05/02/2006

PATENT
REEL: 017555 FRAME: 0903
PATENT
REEL: 032105 FRAME: 0643



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Assignments on the Web > Patent Query

Patent Assignment Details

**NOTE: Results display only for issued patents and published applications.
For pending or abandoned applications please consult USPTO staff.**

Reel/Frame: 017555/0898 ✓

Pages: 6

Recorded: 05/02/2006

Attorney Dkt #: 018164.091064

Conveyance: SECURITY AGREEMENT

Total properties: 6

- | | | | | |
|---|--|---------------------------------|--------------------------------|-----------------------|
| 1 | Patent #: <u>4819858</u>
Title: METHOD OF CLADDING A STEEL CORE ROD WITH ANOTHER METAL | Issue Dt: 04/11/1989 | Application #: 06502968 | Filing Dt: 06/10/1983 |
| 2 | Patent #: <u>4759486</u>
Title: CONTROLLED ENVIRONMENT CHAMBER FOR USE IN CLADDING A NONALUMINUM CORE WITH ALUMINUM | Issue Dt: 07/26/1988 | Application #: 06735545 | Filing Dt: 05/20/1985 |
| 3 | Patent #: <u>5236628</u>
Title: NOBLE METAL AND SOLID-PHASE LUBRICANT COMPOSITION AND ELECTRICALLY CONDUCTIVE INTERCONNECTOR | Issue Dt: 08/17/1993 | Application #: 07661872 | Filing Dt: 02/27/1991 |
| 4 | Patent #: <u>5316507</u>
Title: NOBLE METAL AND SOLID-PHASE LUBRICANT COMPOSITION AND ELECTRICALLY CONDUCTIVE INTERCONNECTOR | Issue Dt: 05/31/1994 | Application #: 08056289 | Filing Dt: 04/30/1993 |
| 5 | Patent #: NONE
Publication #: <u>US20030170486</u>
Title: Copper clad aluminum strips and a process for making copper clad aluminum strips | Issue Dt:
Pub Dt: 09/11/2003 | Application #: <u>10094669</u> | Filing Dt: 03/08/2002 |
| 6 | Patent #: NONE
Publication #: <u>US20030211355</u>
Title: Copper clad aluminum strips and a process for making copper clad aluminum strips | Issue Dt:
Pub Dt: 11/13/2003 | Application #: <u>10447365</u> | Filing Dt: 05/29/2003 |

Assignor

- 1
- COPPERWELD BIMETALLICS LLC

Exec Dt: 04/28/2006

Assignee

- 1
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PITTSBURGH, PA 15219-1425

Search Results as of: 10/30/2013 02:07 PM

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