

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Evan H. Copland</td> <td>05/22/2013</td> </tr> <tr> <td>Matthew J. Arnold</td> <td>02/20/2013</td> </tr> <tr> <td>Ramesh S. Minisandram</td> <td>02/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	Evan H. Copland	05/22/2013	Matthew J. Arnold	02/20/2013	Ramesh S. Minisandram	02/20/2013
Name	Execution Date								
Evan H. Copland	05/22/2013								
Matthew J. Arnold	02/20/2013								
Ramesh S. Minisandram	02/20/2013								
RECEIVING PARTY DATA									
Name:	ATI Properties, Inc.								
Street Address:	1600 N.E. Old Salem Road								
City:	Albany								
State/Country:	OREGON								
Postal Code:	97321								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13759370</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13759370				
Property Type	Number								
Application Number:	13759370								
CORRESPONDENCE DATA									
Fax Number:	4123943010								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	412-394-2839								
Email:	atidocketing@atimetals.com								
Correspondent Name:	Patrick J. Viccaro								
Address Line 1:	1000 Six PPG Place								
Address Line 4:	Pittsburgh, PENNSYLVANIA 15222								
ATTORNEY DOCKET NUMBER:	TAV-2228								
NAME OF SUBMITTER:	Patrick J. Viccaro, Reg. No. 27842								
Signature:	/Patrick J. Viccaro/								
Date:	05/28/2013								
Total Attachments: 2 source=2228#page1.tif source=2228#page2.tif									

CH \$40.00 13759370

Attorney's Docket No. TAV-2228/120370

PATENT

For: U.S. and/or Foreign Rights
For: U.S. Application or
 U.S. Provisional Application
For: U.S. Patent
For: PCT Application
By: Multiple Inventors

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,

ASSIGNORS (Inventors):

<u>Evan H. Copland</u> (type or print name of inventors)	<u>194b Nelson St.</u> <u>Annadale, NSW 2038 Sydney, AU</u> Address	<u>AU</u> Nationality
<u>Matthew J. Arnold</u> (type or print name of inventors)	<u>8619 Castlebay Drive</u> <u>Charlotte, NC 28277</u> Address	<u>US</u> Nationality
<u>Ramesh S. Minisandram</u> (type or print name of inventors)	<u>7035 Edenderry Dr.</u> <u>Charlotte, NC 28270</u> Address	<u>US</u> Nationality

hereby sells, assigns and transfers to

ASSIGNEE:

<u>ATI Properties, Inc.</u> (type or print name of ASSIGNEE)	<u>1600 N.E. Old Salem Road</u> Address
<u>(a Delaware corporation)</u> Nationality	<u>Albany, OR 97321 USA</u>

and the successors, assigns and legal representatives of the ASSIGNEE

- the entire right, title and interest
- 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:
Tapered Hearth
- and which is found in U.S. Application No.: 13/759,370 filed on February 5, 2013 ;

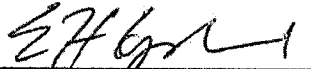
and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination 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 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, We have hereunto set hand and seal on the date(s) indicated below:

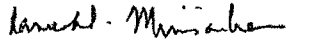
Evan H. Copland
(type name of Inventor)

 05/22/2013
Signature of INVENTOR Date

Matthew J. Arnold
(type name of Inventor)

 02/20/2013
Signature of INVENTOR Date

Ramesh S. Minisandram
(type name of Inventor)

 02/20/2013
Signature of INVENTOR Date

Notarization or Legalization Page Added.

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.