

## PATENT ASSIGNMENT

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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>Travis R. Moxley</td> <td>04/13/2011</td> </tr> <tr> <td>Lanh G. Dinh</td> <td>04/13/2011</td> </tr> <tr> <td>Timothy F. Soran</td> <td>05/21/2011</td> </tr> <tr> <td>Edmund J. Haas</td> <td>04/13/2011</td> </tr> <tr> <td>Douglas P. Austin</td> <td>04/13/2011</td> </tr> <tr> <td>Matthew J. Arnold</td> <td>04/21/2011</td> </tr> <tr> <td>Eric R. Martin</td> <td>04/13/2011</td> </tr> </tbody> </table>		Name	Execution Date	Travis R. Moxley	04/13/2011	Lanh G. Dinh	04/13/2011	Timothy F. Soran	05/21/2011	Edmund J. Haas	04/13/2011	Douglas P. Austin	04/13/2011	Matthew J. Arnold	04/21/2011	Eric R. Martin	04/13/2011
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RECEIVING PARTY DATA																	
<table border="1"> <tr> <td>Name:</td> <td>ATI Properties, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1600 N.E. Old Salem Road</td> </tr> <tr> <td>City:</td> <td>Albany</td> </tr> <tr> <td>State/Country:</td> <td>OREGON</td> </tr> <tr> <td>Postal Code:</td> <td>97321</td> </tr> </table>		Name:	ATI Properties, Inc.	Street Address:	1600 N.E. Old Salem Road	City:	Albany	State/Country:	OREGON	Postal Code:	97321						
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Application Number:	13081740																
CORRESPONDENCE DATA																	
Fax Number:	(412)394-3010																
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Email:	docketing@atimetals.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
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ATTORNEY DOCKET NUMBER:	TAV-2137																

CH \$40.00 13081740

NAME OF SUBMITTER:

Patrick J. Viccaro, Reg. No. 27842

Total Attachments: 4

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Attorney's Docket No. TAV-2137

**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 (MULTIPLE INVENTORS)**

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):**

Travis R. Moxley  
(type or print name of inventors)

1303 W. 43<sup>rd</sup> Ct.  
Kennewick, WA 99337  
Address US  
Nationality

Lanh G. Dinh  
(type or print name of inventors)

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Address US  
Nationality

Timothy J. Soran  
(type or print name of inventors)

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Edmund J. Haas  
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Douglas P. Austin  
(type or print name of inventors)

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Matthew J. Arnold  
(type or print name of inventors)

8619 Castlebay Drive  
Charlotte, NC 28277  
Address US  
Nationality

Eric R. Martin  
(type or print name of inventors)

123 Cimarron Street  
Richland, WA 99352  
Address US  
Nationality

hereby sells, assigns and transfers to

**ASSIGNEE:**

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

1600 N.E. Old Salem Road  
Address

(a Delaware corporation)  
Nationality

Albany, OR 97321 USA

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:  
**Systems and Methods for Casting Metallic Materials**
- ☒ and which is found in U.S. application No.: 13/081,740 filed on April 7, 2011;

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:

Travis R. Moxley  
(type name of Inventor)

  
Signature of INVENTOR

4/13/2011  
Date

Lanh G. Dinh  
(type name of Inventor)

  
Signature of INVENTOR

4/13/2011  
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Date

Eric R. Martin  
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Signature of INVENTOR

4-13-2011  
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.

and the successors, assigns and legal representatives of the ASSIGNEE

- ☒ the entire right, title and interest
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<u>Travis R. Moxley</u> (type name of Inventor)	_____ Signature of INVENTOR	_____ Date
<u>Lanh G. Dinh</u> (type name of Inventor)	_____ Signature of INVENTOR	_____ Date
<u>Timothy J. Soran</u> (type name of Inventor)	_____ Signature of INVENTOR	_____ Date
<u>Edmund J. Haas</u> (type name of Inventor)	_____ Signature of INVENTOR	_____ Date
<u>Douglas P. Austin</u> (type name of Inventor)	_____ Signature of INVENTOR	_____ Date
<u>Matthew J. Arnold</u> (type name of Inventor)	 Signature of INVENTOR	<u>4/21/2011</u> Date
<u>Eric R. Martin</u> (type name of Inventor)	_____ Signature of INVENTOR	_____ Date

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Signature of INVENTOR Date

Lanh G. Dinh  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR Date

Timothy F. Soran  
(type name of Inventor)

*Tim F. Soran*  
Signature of INVENTOR Date 5/21/2011

Edmund J. Haas  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR Date

Douglas P. Austin  
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Matthew J. Arnold  
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