

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| | |
|--------------------------------------------------------------------------------------|------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Matthew J. Arnold | 09/27/2012 |
| 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 | |
| Property Type | Number |
| Application Number: | 13629696 |
| 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-2227 |
| NAME OF SUBMITTER: | Patrick J. Viccaro, Reg. No. 27842 |
| Total Attachments: 2 source=2227#page1.tif source=2227#page2.tif | |

CH \$40.00 13629696

Attorney's Docket No. TAV-2227/120265

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,

ASSIGNOR (Inventor):

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

8619 Castlebay Drive
Charlotte, NC 28277 US
Address 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:
Continuous Casting of Materials Using Pressure Differential
- and which is found in U.S. Application No.: 13/629,696 filed on September 28, 2012

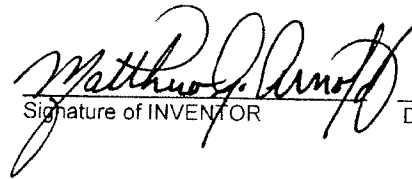
and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination 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:

Matthew J. Arnold
(type name of Inventor)


Signature of INVENTOR

27 Sept 2012
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.