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To the Honorable Commissioner of Patents ar.	02614916 al documents or copy thereof.		
Name of conveying party(ies):	Name and address of receiving party(ies)		
Philip M. O'Larey, John J. Hebda and	Name: ATI Properties, Inc		
Ronald A. Graham	Internal Address:		
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	12.1.5		
Nature of conveyance:			
☐ Security Agreement ☐ Change of Name	Street Address: 1600 NE Old Salem Road		
Other	PO Box 460		
Execution Date of Assignment : November 24, 2003, November 24, 2003 and November 24, 2003	City: Albany State: OR Zip:97321		
	Additional name(s) and address(es) attached? ☐ Yes No		
4. Application number(s) or patent number(s):	B. Patent No.(s)		
If this document is being filed together with a new application	on, the execution date of the application is:		
A. Patent Application No.(s) 10/612,232	B. Patent No.(s)		
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·	C : 1		
Additional number(s)	attached? ☐ Yes ☒ No		
<ol><li>Name and address of party to whom correspondence concerning document should be mailed.</li></ol>	6. Total number of applications and patents involved:		
Name - Detrials I Missaus For	7. Total fee (37 CFR 3.41) \$40.00		
Name: Patrick J. Viccaro, Esq.	⊠ Enclosed		
Internal Address: Allegheny Technologies Incorporated	☐ Authorized to be charged to deposit account		
	Authorized to be charged to deposit account		
Street Address: 1000 Six PPG Place	8. Deposit account number:		
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City: Pittsburgh State: PA Zip:15222-5479	11-1110		
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9. Statement and signature. To the best of my knowledge and belief, the foregoing infocopy of the original document.  Bernard G. Pike	mation is true and correct and any attached copy is a true		
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Attorney's Docket No.	TWC-2026		PATENT	
		For: E For: E For: E	U.S. and/or  Foreign R U.S. Application or U.S. Provisional Application U.S. Patent PCT Application lultiple Inventors	
A	SSIGNMENT OF IN	VENTION	(MULTIPLE INVENTORS)	
In consideration of the receipt of which is hereby ASSIGNORS (Inventors)	y acknowledged, and	GNEE to As d for other ç	SSIGNOR of the sum of On good and valuable consider	ne Dollar (\$1.00), the ation,
			1088 Umatilla Court S.W.	
Philip M. O'Larey			Albany, OR 97321	USA
(type or print name of inventors	5)		Address	Nationality
			1480 N.W. Patrick Lane	·
John J. Hebda			Albany, Oregon 97321	USA
Ronald A. Graham			3765 7 <sup>th</sup> Court South Salem, Oregon 97302	USA
		<del></del>		

(Assignment of Invention–Multiple Inventors [16-3.2]–page 1 )

PI-1005713 v1 0215785-0172

PATENT REEL: 014744 FRAME: 0602

ASSIGNEE:					
ATI Properties, Inc. (type or print name of ASSIGNEE)	1600 NE Old Salem Road, P.O. Box: 460 Address				
(a Delaware corporation) Nationality	Albany, Oregon 97321				
and the successors, assigns and legal representatives of the ASSIGNEE					
(complete one of the following)					
★ the entire right, title and interest					
an undivided percent (_ and its territorial possessions	%) interest for the United States				
(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: PROCESSING OF TITANIUM-ALUMINUM-VANADIUM ALLOYS AND PRODUCTS MADE THEREBY  (check and complete (a), (b), (c), (d), (e), (f) or (g))					
and which is found in					
(a) U.S. patent application executed on even da	ate herewith				
(b) U.S. patent application executed on					
(c) U.S. provisional application naming the abo	ve inventor(s) for the above-entitled invention				
Express mail label no.:	<del></del>				
Mailed:					
	f this assignment, I, an ASSIGNOR signing below, y to insert below the filing date and application				
(d) U.S. application no.: 10/612,232 filed on Jul	y 2, 2003				
(e) International application no. PCT /					
(f) U.S. patent no.	issued				
<ul> <li>A change of address to which commaintenance fees is being sent separate</li> </ul>	prrespondence is to be sent regarding patent rely.				
(also check (g), if foreign applicati	on(s) is also being assigned)				
(g) and any legal equivalent thereof in a foreign and to, all Letters Patent to be obtained f continuation, division, renewal, or substitute examination thereof.	n country, including the right to claim priority and, in for said invention by the above application or any e thereof, and as to letters patent any reissue or re-				

hereby sells, assigns and transfers to

(Assignment of Invention–Multiple Inventors [16-3.2]-page 2)

PATENT REEL: 014744 FRAME: 0603 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:

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

Philip M. O'Larey	The San Ofan	11-24-03
(type name of Inventor)	Signature of INVENTOR	Date
<u>John J. Hebda</u> (type name of Inventor)	Signature of INVENTOR	11~24-03 Date
Ronald A. Graham	Ronald A. Mahim	11/24/03
(type name of Inventor)	Signature of INVENTOR	Date
□ Nota	arization or Legalization Page Added.	

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.

(Assignment of Invention-Multiple Inventors [16-3.2]-page 3)

PATENT REEL: 014744 FRAME: 0604

NOTE: