9-09-	2003 Pesulm		
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Name of conveying party(ies): Peter C. Hall	Name and address of receiving party(ies) Name: Edison Welding Institute Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes No			
3. Nature of conveyance: ✓ Assignment	Street Address: 1250 Arthur E. Adams Drive		
3-19-003 Execution Date:	City: Columbus State: OH Zip: 43221 Additional name(s) & address(es) attached? Yes V No		
4. Application number(s) or patent number(s):			
A. Patent Application No.(s) 10/391921	B. Patent No.(s)		
Additional numbers att			
Name and address of party to whom correspondence concerning document should be mailed: Name: Gallagher & Dawsey Co., LPA Internal Address:	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ Enclosed Authorized to be charged to deposit account		
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Michael J. Gallagher

Name of Person Signing

PATENT

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Date

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
Name of conveying party(ies): Peter C. Hall	Name and address of receiving party(ies) Name: _Edison Welding Institute	loi.	
	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes V No			
3. Nature of conveyance:			
AssignmentMerger	Street Address: 1250 Arthur E. Adams Drive		
Security Agreement Change of Name			
Other			
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If this document is being filed together with a new appli	ication, the execution date of the application is:		
A. Patent Application No.(s)	B. Patent No.(s)		
/039/92/		ł	
Additional numbers at	tached? Yes V No	1	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:		
concerning document should be mailed: Name: _Gallagher & Dawsey, Co. L.P.A.	7. Total fee (37 CFR 3.41)\$40.00		
Internal Address:	✓ Enclosed		
	Authorized to be charged to deposit account		
Street Address: 1108 City Park Ave., Suite 203	8. Deposit account number:		
City: Columbus State: OH Zip: 43206			
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Michael J. Gallaghar Mens Ille Mens 18, 2003 Name of Person Signing Signature Date			
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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I/We

Peter C. Hall, a citizen of the United States residing at 1812 Bedford Road, Upper Arlington, Ohio 43212.

ASSIGNOR(S), am/are the inventor(s) of an invention in METHOD OF WELDING TITANIUM AND TITANIUM BASED ALLOYS TO FERROUS METALS for which I/we have executed an application for Letters Patent of the United States, filed MARCH 19, 2003 under Express Mail Airbill No. EU 845 787 195 US; and

WHEREAS, Edison Welding Institute located at 1250 Arthur E. Adams Drive, Columbus, Ohio 43221-3585, ASSIGNEE, is desirous of obtaining the entire right, title, and interest in, to, and under the said invention and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me/us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I/we, the said ASSIGNOR(S) have sold, assigned, transferred and set over, and by these presents do hereby sell, assign and set over, unto the said ASSIGNEE, ist successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reexamination certificates, reissues, and extensions thereof, and I/we hereby authorize and request the Commissioner of Patents of the United States, to issue all Letters Patent for said invention to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I/WE HEREBY covenant that I/we have the full right to convey the entire interest herein assigned, and that I/we have not executed, and will not execute, any agreement in conflict herewith.

AND I/WE HEREBY further covenant and agree that I/we will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts know to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said invention at the expense of the ASSIGNEE.

IN TESTIMONIV WITEDEOF I free horounts act my four hand(a) and scal(a) the day and year act

opposite my/out signature(s).		
ft fall	, Date <u>3-19</u>	, 200 <u>_</u> 3
	, Date	, 200
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Witness: Shyllis Thomas		/Q 3
The / mi	, Date	7,200 <u>3</u>

RECORDED: 03/19/2003

PATENT REEL: 014456 FRAME: 0656