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04-04-2000

FORM PTO-1595  
(Rev. 6-95) *Corr.*

RECORD



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

101306091

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OPR/FINANCE  
MAY 27

To the Assistant Commissioner for Patents:  
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

William A. Groll

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name

Other Corrected Assignment Cover sheet correcting the Assignee's address previously recorded at Reel 010246, Frame 0653-0654 on June 17, 1999

Execution Date: May 10, 1999

2. Name and address of receiving party(ies)

Name: Clad Metals LLC

Internal Address: \_\_\_\_\_

Street Address: 424 Morqanza Road

City: Canonsburg,

State: PA ZIP: 15317

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: May 10, 1999

A. Patent Application No. (s)

09/331,114

B. Patent No. (s)

5,085,681

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Frederick B. Ziesenheim, Esq.

Internal Address: Webb Ziesenheim Logsdon

Orkin & Hanson, P.C.

Street Address: 700 Koppers Building

436 Seventh Avenue

City: Pittsburgh State: PA ZIP: 15219-1818

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

(Attach triplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Frederick B. Ziesenheim, #19,438

Name of Person Signing

*Frederick B. Ziesenheim*

Signature

February 23, 2000

Date

Total number of pages including cover sheet, attachments and document

4

Mail documents to be recorded with required cover sheet information to:  
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Office of Public Records, Crystal Gateway 4, Room 335  
Washington, D.C. 20231

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PATENT  
REEL: 010639 FRAME: 0692

09/331114

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510 Rec'd PCT/PTO 17 JUN 1999

FORM PTO-1595 (Rev. 6-93) REC 09-22-1999 IEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

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6-17-99

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): William A. GROLL

2. Name and address of receiving party(ies): CLAD METALS LLC, 424 Morqanza, Canonsburg, PA 15317

3. Nature of conveyance:  Assignment,  Merger,  Security Agreement,  Change of Name,  Other

Execution Date: May 10, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: May 10, 1999

09331,114

A. Patent Application No. (s) B. Patent No. (s)

5. Name and address of party to whom correspondence concerning document should be mailed: Frederick B. Ziesenheim, Webb Ziesenheim Logsdon, Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00  Enclosed  Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kent E. Baldauf, June 16, 1999

Total number of pages including cover sheet, attachments and document: 2

Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents, U.S. Patent and Trademark Office, Office of Public Records, Crystal Gateway 4, Room 335, Washington, D.C. 20231

PATENT REEL: 010639 FRAME: 0693

ASSIGNMENT

WHEREAS, I, William A. GROLL, residing in City of McMurray, County of Washington, Commonwealth of Pennsylvania, have invented certain new and useful improvements in "BONDING OF DISSIMILAR METALS" for which I have this day executed an application for United States Letters Patent and filed a United States Provisional Application on January 29, 1998 which bears Serial No. 60/073,034 (hereinafter "said applications");

AND, WHEREAS, CLAD METALS LLC, a corporation of Pennsylvania, having a place of business at 424 Morganza Road, Canonsburg, Pennsylvania 15317, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said applications and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said applications and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

The Assistant Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. I covenant that I am the lawful owner of the said applications, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that I have the full right to make this assignment.

And for the consideration aforesaid, I agree that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request, but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon my heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Date

5/10/99

Inventor

William A. Groll  
William A. GROLL



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DECEMBER 03, 1999

PTAS

WEBB ZIESENHEIM LOGSDON, ET AL.  
FREDERICK B. ZIESENHEIM  
436 SEVENTH AVENUE  
700 KOPPERS BUILDING  
PITTSBURGH, PA 15219-1818



\*101151157A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320. WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/17/1999

REEL/FRAME: 010246/0653  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GROLL, WILLIAM A.

DOC DATE: 05/10/1999

ASSIGNEE:

CLAD METALS LLC  
424 MORGANZA  
CANONSBURG, PENNSYLVANIA 15317

SERIAL NUMBER: 09331114

FILING DATE: 06/17/1999

PATENT NUMBER:

ISSUE DATE:

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

