

06-11-2003

Form PTO-1595 (Rev. 10/02)

RE



U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

102470298

Tab settings

17513 U.S. PTO 10/453732 06/03/03

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Randy Dull
Jim Dydo
Jim Russell
Janak Shanghvi

6.3.03

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

2. Name and address of receiving party(ies)

Name: Edison Welding Institute

Internal Address:

Street Address: 1250 Arthur E. Adams Drive

City: Columbus State: OH Zip: 43221

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: 06/03/2003

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

10453732

If this document is being filed together with a new application, the execution date of the application is: 06/03/2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Gallagher & Dawsey, Co., LPA

Internal Address:

Street Address: 1487 West Fifth Avenue

Box 226

City: Columbus State: OH Zip: 43212-2403

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:

Credit Card Auth USPTO 2038
Enclosed

DO NOT USE THIS SPACE

9. Signature.

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 014143 FRAME: 0647

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I/We

Randall M. Dull, a citizen of the United States residing at 1556 Cambridge Blvd., Columbus, Ohio 43212, James R. Dydo, a citizen of the United States residing at 7920 Groveport Road, Groveport, Ohio 43125, James Russell, a citizen of the United States residing at 5016 Cashion Drive, Hilliard, Ohio 43026, Janak Shanghvi, a citizen of India residing at 1809 A Kenny Road, Columbus, Ohio 43212

ASSIGNOR(S), am/are the inventor(s) of an invention in METHOD OF REDUCING DISTORTION BY TRANSIENT THERMAL TENSIONING for which I/we have executed an application for Letters Patent of the United States, filed June 3, 2002 under Express Mail Airbill No. EU 845 651 480 US; and

WHEREAS, Edison Welding Institute located at 1250 Arthur E. Adams Drive, Columbus, Ohio 43221, 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, its 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 TESTIMONY WHEREOF, I/we hereunto set my/our hand(s) and seal(s) the day and year set opposite my/out signature(s).

James Russell, Date 6-3, 2003

[Signature], Date 6-3, 2003

Randall M. Dull, Date 6/3, 2003

James R. Dydo, Date 6/3, 2003

Witness: Keith Newton, Date 6-3, 2003

Michelle B. Laverdy, Date 6-3, 2003