

PTO-1595

R

To the Honorable
Please record the

06-29-2000



101392824

ET PATENTS ONLY
and Trademarks:
or copy thereof.

1. Name of conveying party(ies)

Allan Sanderson

*MAD
G.A.W*Additional name(s) of conveying
party(ies) attached? Yes X No

2. Name and address of receiving party(ies):

Name: The Welding Institute

Address: Granta Park
Great Abington
Cambridge CB1 6Al, United Kingdom

3. Nature of conveyance

X Assignment Security AgreementMerger Change of NameOtherAdditional name(s) attached? Yes X No

Execution Date: April 10, 2000

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:

A. Patent Application No.(s)

09/508,914

B. Patent No.(s)

Additional numbers attached Yes X No5. Name and address of party to whom
correspondence concerning document
should be mailed:

Name: Martin Novack

Address: 1960 Bronson Road, Bldg. 1
Fairfield, CT 064306. Total Number of applications and
patents involved: 17. Total fee (37 CFR 3.41).....\$ 40X EnclosedAuthorized to be charged to deposit
account

8. Deposit account number:

(duplicate copy attached)

DO NOT USE THIS SPACE

06/20/2000 PVOLPE 00000002 09508914

01-FC-581

10.00

9. Statement and signature.

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

Martin Novack

Name of Person Signing

Signature

Date

June 9, 2000

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

Name(s) of Inventors

(1) Allan SANDERSON

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

Name of Assignee THE WELDING INSTITUTE

Address of Assignee Granta Park, Great Abington, Cambridge CB1 6AL,
United Kingdom

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

Title IMPROVEMENTS RELATING TO CHARGED PARTICLE BEAMS

for which the undersigned has (have) executed an application for patent in the United States of America

Date of Signing

of Application

on

10 APRIL 2000

Alternative Identification

U.S. Application Serial Number

for filed applications

filed

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorise(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has/she has (they have) full right to convey the entire interest herein assigned, and that he has/she has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) to the attorney(s) identified in the Declaration/Power of Attorney for this patent application, the power to insert on this assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 10 APR 2000 Signature of Inventor (1)

Date 10 APR 2000 Witness

Date Witness

H:\JMT\FORMS\US-ASS