

10-05-1999

Form PTO-1595,
1/31/92



101162010

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

-Y

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

1. Name of conveying party(ies):
MAD
1. Norman W. Madden
2. Christopher P. Cork *9-24-99*
3. John A. Becker
4. David A. Knapp

2. Name and Address of receiving party(ies):
The Regents of the University of California
1111 Franklin Street
Oakland, CA 94607-5200

Attorney Docket No.: IL-10333

10/05/99 U.S. PTO
09/406913
09/24/99

3. Nature of conveyance:

Assignment

Execution Date: September 13, 1999

4. Application number(s) or patent number(s): IL-10333
If this document is being filed together with a new application, the execution date of the application is: September 13, 1999

A. Patent Application No.(s)

B. Patent No.(s)

09/406,913

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

Name: Daryl S. Grzybicki
Address: Lawrence Livermore Nat. Laboratory
Patent Group, L-703
7000 East Avenue
Livermore, CA 94550

6. Total Number of applications and patents involved:
ONE

7. Total fee \$ 40.00

Enclosed
 Authorized charge deposit account

8. Deposit Account number:
12-0695

DO NOT USE THIS SPACE

10/05/1999 DNGUYEN 00000105 120695 09406913
01 FC:581 40.00 CH

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.

Nancy J. Stone

Nancy J. Stone
Signature

9/24/99
Date

Name of Person Signing

Total number of pages comprising cover sheet 1

LLNL Patent Group

March 1993

ASSIGNMENT

LLNL Case No.: IL-10333

For good and valuable consideration the receipt of which is hereby acknowledged ASSIGNOR(s)

- 1. Norman W. Madden
- 2. Christopher P. Cork
- 3. John A. Becker
- 4. David A. Knapp

hereby sells, assigns and transfers to ASSIGNEE, the Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, Oakland, California 94607-5200, and the successors, assigns and legal representative of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

Actively Driven Thermal Radiation Shield

and which is found in

- U.S. patent application executed on 9/13/99, entitled as above and listing the above named persons as inventors
- U.S. patent application serial no. _____, filed on _____
- U. S. patent no. _____, issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) 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(S) 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 relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or 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. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University of California.

executed this

Signature of Inventor(s)

Date
8/23/99

Date
9/7/99

Date

See page one of three

Norman W. Madden
Christopher P. Cork

Christopher P. Cork
John A. Becker

John A. Becker
See page three of three

David A. Knapp

ASSIGNMENT

LLNL Case No.: IL-10333

For good and valuable consideration the receipt of which is hereby acknowledged ASSIGNOR(s)

- 1. Norman W. Madden
- 2. Christopher P. Cork
- 3. John A. Becker
- 4. David A. Knapp

hereby sells, assigns and transfers to ASSIGNEE, the Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, Oakland, California 94607-5200, and the successors, assigns and legal representative of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

Actively Driven Thermal Radiation Shield

and which is found in

- U.S. patent application executed on 9/13/99, entitled as above and listing the above named persons as inventors
- U.S. patent application serial no. _____, filed on _____
- U. S. patent no. _____, issued _____

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) 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(S) 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 relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or 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. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, the Regents of the University of California.

executed this

Signature of Inventor(s)

Date

See page one of three
Norman W. Madden

Date

See page two of three
Christopher P. Cork

Date

See page two of three
John A. Becker

9/13/99

Date

David A. Knapp
David A. Knapp

IL-10333

Page 3 of 3