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US DEPARTMENT OF COMMERCE

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

1. Name of conveying party(ies):

Theodore C. Harman; Mildred S. Dresselhaus;
David L. Spears; Michael P. Walsh; Stephen B. Cronin;
Xiangshong Sun; Takaaki Koga

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

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

Name: UNITED STATES AIR FORCE

Internal Address: ESC/JAZ

Street Address: 40 WRIGHT STREET, BLDG 1120

3. Nature of conveyance:

☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☒ Other ☐ Confirmatory License

City: HANSCOM AFB,

State: MA

Zip: 01731-2903

Execution Date(s):

21 July 1999

☒ This instrument should be recorded on the governmental register in accordance with 37 CFR 7.1(e)(1).

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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):

B: Patent No.(s):

09/039,602

Additional numbers attached? ☐ Yes ☐ No

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

Name: Catherine A. Schulz

Internal Address: ESC/JAZ

Street Address: 40 Wright Street Bldg 1120

City: Hanscom AFB

State: MA ZIP: 01731-2903

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)\$ 0

☐ Enclosed ☒ Not Applicable

The instrument to be recorded is not an instrument affecting Title (37 CFR 7.1(e)(2) and (j)).

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

CATHERINE A. SCHULZ

Name of person signing

Catherine A. Schulz
Signature

17 August 1999

Date

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

2



Application for: "Superlattice Structures for Use in Thermoelectric Devices"
Inventor(s): Theodore C. Harman et al.
Serial No.: 09/039,602 Date Filed: March 16, 1998
Contract No(s): F19628-95-C-0002
Contractor: MASSACHUSETTS INSTITUTE OF TECHNOLOGY

The invention identified above is a "Subject Invention" under Patent Rights clause included in Contract Number F19628-95-C-0002 with the United States Air Force.

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Signed this 21 day of July, 1999 .

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

By Jarmila Z. Hrbek
Jarmila Z. Hrbek,
Patent Administrator and Office Manager
Technology Licensing Office

77 Massachusetts Avenue, Room NE25-230, Kendall Square, Cambridge, MA 02139