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To the Honorable Commissioner of Patents & Trademarks

Send original documents or copy thereof.

1. Name of conveying party(ies):
Andreas H. Hielscher, Judith R. Mourant, Irving J. Bigio

*MRD
11-20-98*

Additional names(s) of conveying party(ies) Yes No

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

Name: **The Regents of the University of California**

Address: **Los Alamos National Laboratory**

LC/BPL, MS D412

P.O. Box 1663

City: **Los Alamos** State/Prov.: **NM**

Country: **US** ZIP: **87545**

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: _____

4. Application number(s) or registration numbers(s):

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

Patent Application No. Filing date

B. Patent No.(s)

09/045,258

March 20, 1998

Additional numbers Yes No

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

Name: **Samuel M. Freund**

Registration No. **30,459**

Address: **LC/BPL, MS D412**

Los Alamos National Laboratory

P.O. Box 1663

City: **Los Alamos** State/Prov.: **NM**

Country: **US** ZIP: **87545**

6. Total number of applications and patents involved: **1**

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

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

12-2150

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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.

Samuel M. Freund

November 20, 1998

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

5

ASSIGNMENT

DOE S-87,256

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

1. Andreas H. Hielscher 2. Judith R. Mourant 3. Irving J. Bigio

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 300 Lakeside Drive, 21st Floor, Oakland, CA 94612-3550, and the successors, assigns and legal representatives 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 titled:

CHARACTERIZATION OF HIGHLY SCATTERING MEDIA BY MEASUREMENT OF DIFFUSELY BACKSCATTERED POLARIZED LIGHT

and which is found in

- (a) U.S. patent application executed on _____, entitled as above and listing the above-named person(s) as inventor(s)
- (b) U.S. application Serial No. 09/045,258, filed on March 20, 1998
- (c) U.S. Patent No. _____, issued _____
- (d) U.S. provisional application filed on _____, entitled as above and listing the above-named person(s) as inventor(s)

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)

12 day of November, 1998



Andreas H. Hielscher

___ day of November, 1998

Judith R. Mourant

___ day of November, 1998

Irving J. Bigio

ASSIGNMENT

DOE S-87,256

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and which is found in

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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.