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10-10-2000

101481742

To the Honorable Commissioner of Patents and Trademarks

documents or copy thereof.

1. Name of conveying party(ies):

Donald P. Hutchinson
Roger K. Richards

Handwritten initials and date: HRP 9/21

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

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

Name: UT-BATTELLE, LLC

Internal Address:

Street Address: 111-B Union Valley Road
P.O. Box 2008
Oak Ridge, TN 37831-6498

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

Execution Date: September 13, 2000

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

If document is being filed with a new application, the execution date of the application is: September 13, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Handwritten: 09/667181

Additional numbers attached? Yes No

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

Name: Gregory A. Nelson, Esq.

Internal Address: _____

Street Address: QUARLES & BRADY LLP
222 Lakeview Avenue - Suite 400
P.O. Box 3188
West Palm Beach, FL 33402-3188

6. Total number of applications and patents involved:

1

7. Total Fee (37 CFR 34)\$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number

17-0055

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Handwritten signature of Neil R. Jetter
Neil R. Jetter, Reg. No. 46,803

Handwritten date: 9/21/00

Date
Total number of pages including cover sheet: 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

1c905 U.S. PTO
09/667181
09/21/00

ASSIGNMENT

WHEREAS, I, the below-named inventor whose residence and post office is as stated below, have invented certain new and useful improvements in an

MICRO-LASER

(hereinafter referred to as "Subject Invention") for which an application for United States Letters Patent was executed by me on even date herewith, and

WHEREAS, UT-BATTELLE, LLC, a limited liability company of the State of Tennessee, having an office at 111-B Union Valley Road, P.O. Box 2008, Oak Ridge, Tennessee 37831-6498 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the right, title, and interest of the undersigned in the Subject Invention and to any Letters Patent that may be granted therefor in the United States of America and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to ASSIGNEE my entire right, title, and interest in the Subject Invention, to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the Subject Invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or applications therefor on the Subject Invention.

I hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, I hereby agree to communicate to said ASSIGNEE or its representatives any facts known to me respecting said Subject Invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said Subject Invention in the United States of America and in any and all foreign countries.

I further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on me, my heirs, legal representatives, and assigns.

Full name of first inventor: Donald P. HUTCHINSON

Signature: Donald P. Hutchinson Date: 9/13/2000

Residence: 909 Woodsmoke Circle, Knoxville, TN 37922

Post Office Address: 909 Woodsmoke Circle, Knoxville, TN 37922

State of Tennessee)
County of Roane)

On this 13th day of September, 2000, before me, a Notary Public in and for the County and State aforesaid, appeared Donald P. Hutchinson, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

James M. Spicer
Notary Public

SEAL
My Commission Expires: August 16, 2004

Full name of second inventor: Roger K. RICHARDS

Signature: Roger K. Richards

Date: 9/13/2000

Residence: 2613 Blue Meadow Lane, Knoxville, TN 37932

Post Office Address: 2613 Blue Meadow Lane, Knoxville, TN 37932

State of Tennessee)
County of Roane)

On this 13th day of September, 2000, before me, a Notary Public in and for the County and State aforesaid, appeared Roger K. Richards, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

James M. Spicer
Notary Public

SEAL
My Commission Expires: August 16, 2004