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MRD 6.15.98

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

1. Name of conveying party(ies):

Hideki Hashizume

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

Micro Optics Company Ltd.  
8-1, Nishihashimoto 5-chome  
Sagamihara-shi  
Kanagawa  
Japan

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

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

10516 U.S. PTO  
09/094774  
06/15/98

3. Nature of conveyance:

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

Execution Date: May 14, 1998

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: May 14, 1998

A. Patent Application No.(s)

B. Patent No.(s)

09/094774

Additional numbers attached?  Yes  No

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

Name: Curtis B. Hamre  
Address: Merchant, Gould, Smith, Edell,  
Welter & Schmidt, P.A.  
3100 Norwest Center  
90 South Seventh Street  
Minneapolis, MN 55402-4131

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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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.

Curtis B. Hamre  
Name of Person Signing

Signature

June 15, 1998  
Date

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

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06/24/1998 JMTKINS 00000162 09094774

01 FC:501

40.00 BP

PATENT  
REEL: 9255 FRAME: 0230

ASSIGNMENT

WHEREAS: The ASSIGNOR, comprising the following named inventor(s)

- 1. Hideki Hashizume of Kanagawa, Japan
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_

INVENTOR  
(with address)

has invented and owns a certain invention entitled:  
**OPTICAL MODULE**

TITLE

for which application for Letters Patent of the United States was executed on even date herewith,  
and

ASSIGNEE  
(with address)

WHEREAS, the ASSIGNEE MICRO OPTICS Company Ltd.  
8-1, Nishihashimoto 5-chome, Sagamihara-shi, Kanagawa, Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR will testify as to the same in any interference or litigation related 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 and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, have hereunto set hand and seal this  
14th day of May, 1998.

SIGNATURE

- 1. Hideki Hashizume  
Hideki Hashizume
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_
- 7. \_\_\_\_\_
- 8. \_\_\_\_\_

NO LEGALIZATION REQUIRED

The assignment should be signed at the same time as the Patent declaration.  
RECORDED: 06/15/1998 REEL: 9255 FRAME: 0231