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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Attorney Docket 5341-34

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

1. Name of conveying party(ies):  
Tohru KIMURA

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

Name: Konica Minolta Opto, Inc.

Internal Address:

Street Address: 2970 Ishikawa-machi, Hachioji-shi

City: Tokyo

State/Country: Japan

Zip: 192-8505

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

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

Execution Date: 11/18/2004

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: 11/18/2004

A. Patent Application No.(s)  
SN.:

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Thomas Langer

Internal Address: Cohen, Pontani, Lieberman & Pavane

Street Address: 551 Fifth Avenue, 12<sup>th</sup> Floor

City: New York State: New York Zip: 10176

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. Deposit account number: 03-2412  
(Attach duplicate copy of this page if paying by deposit account)

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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.*

Thomas Langer  
Name of Person Signing  
Reg. No. 27,264

Signature

December 2, 2004  
Date

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

3

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation  
Director of the US Patent and Trademark Office  
PO Box 1450  
Alexandria, VA 22313-1450

12/09/2004 NSETACHE 00000078 11002411

01 FC:8021

40.00 DP

PATENT  
REEL: 016049 FRAME: 0343

**ASSIGNMENT**

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/WE the undersigned, (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to

Konica Minolta Opto, Inc.,

a corporation of Japan, having a place of business at

2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan,

(hereinafter referred to as "ASSIGNEE"), its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to the invention which is disclosed in the application for United States Letters Patent, executed by the undersigned

☒ concurrently herewith,

☐ on

☐ which is the U.S. national stage application of International PCT Application No.

PCT/ , filed on

and which is entitled

DIFFRACTIVE OPTICAL ELEMENT, OBJECTIVE OPTICAL SYSTEM, OPTICAL PICK-UP DEVICE AND  
OPTICAL INFORMATION RECORDING REPRODUCING APPARATUS

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention;

Agree that said Assignee may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**ASSIGNMENT - continued**

| Inventor, Signature            | Date                         | Residence and Post Office Address  |
|--------------------------------|------------------------------|--|
| Sign:<br>: <i>Tohru Kimura</i> | Date:<br><i>Nov 18, 2004</i> | Hachioji-shi, Tokyo, Japan   |
| Type:<br>Tohru KIMURA          | Citizen of:<br>JAPAN         | c/o Konica Minolta Opto, Inc. 2970<br>Ishikawa-machi, Hachioji-shi, Tokyo,<br>192-8505 Japan |