

U.S. PTO

04-05-2007

FORM PTO-1595 (Rev. 07/05) 11/723871 RE
OMB No. 0651-0027
(exp 6/30/2008) 03/22/2007

103391092

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 02860.1170
Attorney Customer Number: 22,85

To the Director of the U.S. Patents and Trademarks Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- | | |
|---------------------|----------------------|
| 1) Hajime KOBAYASHI | 6) Fumiaki YOSHIDA |
| 2) Yayoi EGURO | 7) Yuichi ATARASHI |
| 3) Nobuyoshi MORI | 8) Kazuhiro WADA |
| 4) Hiroyuki HATTORI | 9) Kazuhiko ISHIKAWA |
| 5) Yoshiharu MASAKI | |

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

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

Name: KONICA MINOLTA OPTO, INC.

Internal Address:

3. Nature of conveyance/Execution Date(s):

Execution Dates(s) 1, 5) February 28, 2007, 2, 7, 8) March 1, 2007, 3, 6) March 2, 2007, 4) March 4, 2007, and 9) March 7, 2007

- | | |
|---|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Joint Research Agreement | |
| <input type="checkbox"/> Government Interest Assignment | |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License | |
| <input type="checkbox"/> Other | |

Street Address: 2970 Ishikawa-machi, Hachioji-shi,
Tokyo, 192-8505 JAPAN

City:

State:

Zip Code:

Additional name(s) & Address(es) attached?

☐ Yes ☒ No

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

☒ This document is being filed together with a new application

A. Patent Application Number(s):

11/723871

Additional numbers attached?

B. Patent Number(s):

☐ Yes ☒ No

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

Name: Mr. Ernest F. Chapman

6. Total number of applications and registrations involved:

1

7. Total fee (37 CFR 3.41): \$40

- | |
|--|
| <input type="checkbox"/> Authorized to be charged by credit card |
| <input type="checkbox"/> Authorized to be charged to deposit account |
| <input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account) |
| <input type="checkbox"/> None required (government interest not affecting title) |

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT
& DUNNER, L.L.P.

Street Address: 901 New York Avenue, NW

City: Washington, D.C.

State: Zip: 20001-4413

8. Payment Information

a. Credit Card	Last 4 Numbers	_____
	Expiration Date	_____
b. Deposit Account No.:		06-0916

Authorized User Name

03/23/2007 NEWMINI 00000064 11723871

04 FC:0021

40.00 OP

8. 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.

David W. Hill

Registration No. 28,220

Signature

March 22, 2007

Date

ERNEST F. CHAPMAN

Total number of pages including cover sheet, attachments and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to

PATENT

REEL: 019125 FRAME: 0070

Assignment

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: OPTICAL ELEMENT, MOLD FOR THE OPTICAL ELEMENT, METHOD FOR MANUFACTURING THE OPTICAL ELEMENT AND BIDIRECTIONAL OPTICAL COMMUNICATION MODULE

United States Letters Patent on _____, (Serial No. _____); and
WHEREAS,

Konica Minolta Opto, Inc.,

a corporation of Japan whose post office address is

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

is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

INVENTOR; SIGNATURE	DATE	RESIDENCE AND POST OFFICE ADDRESS
Sign: <i>Hajime Kobayashi</i>	Date: <i>February 28, 2007</i>	Nerima-ku, Tokyo, Japan c/o Konica Minolta Opto, Inc. 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan
Type: Hajime KOBAYASHI	Citizen of: JAPAN	
Sign: <i>Yayoi Eguro</i>	Date: <i>March 1, 2007</i>	Hachioji-shi, Tokyo, Japan c/o Konica Minolta Opto, Inc. 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan
Type: Yayoi EGURO	Citizen of: JAPAN	
Sign: <i>Nobuyoshi Mori</i>	Date: <i>March 2, 2007</i>	Hachioji-shi, Tokyo, Japan c/o Konica Minolta Opto, Inc. 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan
Type: Nobuyoshi MORI	Citizen of: JAPAN	
Sign: <i>Hiroyuki Hattori</i>	Date: <i>March 4, 2007</i>	Hachioji-shi, Tokyo, Japan c/o Konica Minolta Opto, Inc. 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan
Type: Hiroyuki HATTORI	Citizen of: JAPAN	

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER WASHINGTON, D.

Continued On Page 2

PATENT

REEL: 019125 FRAME: 0071

Sign: <i>Yoshiharu Masaki</i>	Date: <i>February 28, 2007</i>	Kodaira-shi, Tokyo, Japan
Type: Yoshiharu MASAKI	Citizen of: JAPAN	c/o Konica Minolta Opto, Inc. 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan
Sign: <i>Fumiaki Yoshida</i>	Date: <i>March 2, 2007</i>	Tama-shi, Tokyo, Japan
Type: Fumiaki YOSHIDA	Citizen of: JAPAN	c/o Konica Minolta Opto, Inc. 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan
Sign: <i>Yuichi Atarashi</i>	Date: <i>March 1, 2007</i>	Hachioji-shi, Tokyo, Japan
Type: Yuichi ATARASHI	Citizen of: JAPAN	c/o Konica Minolta Opto, Inc. 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan
Sign: <i>Kazuhiro Wada</i>	Date: <i>March 1, 2007</i>	Hachioji-shi, Tokyo, Japan
Type: Kazuhiro WADA	Citizen of: JAPAN	c/o Konica Minolta Opto, Inc. 2970 Ishikawa-machi, Hachioji-shi, Tokyo, 192-8505 Japan
Sign: <i>Kazuhiko Ishikawa</i>	Date: <i>March 7, 2007</i>	Kofu-shi, Yamanashi, Japan
Type: Kazuhiko ISHIKAWA	Citizen of: JAPAN	c/o Konica Minolta Opto Products Co., Ltd. 920 Ninomiya, Misaka-cho, Fuefuki-shi, Yamanashi, 406-0807 Japan

RECORDATION FORM COVER SHEET
PATENTS ONLY

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11/723871
03/22/200

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