

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Kimio ITO | 02/21/2005 |
| Mitsuru KITAMURA | 02/21/2005 |
| RECEIVING PARTY DATA | |
| Name: | DAI NIPPON PRINTING CO., LTD. |
| Street Address: | 1-1, Ichigaya-Kagacho 1-Chome, Shinjuku-Ku |
| City: | TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 162-0062 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 10934315 |
| CORRESPONDENCE DATA | |
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| NAME OF SUBMITTER: | James H. Walters |
| Total Attachments: 1 source=a485 assignment 20050302151315#page1.tif | |

CH \$40.00 10934315

U.S. ASSIGNMENT

DN120604N-VA

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert
ASSIGNEE'S
Name(s)
Address(es))

DAI NIPPON PRINTING CO., LTD. of _____

1-1, Ichigaya-Kagacho 1-Chome, Shinjuku-Ku,

TOKYO 162-0062 JAPAN

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

DIFFRACTIVE OPTICAL ELEMENT

(Title of
Invention)

(*If the assignment
is being filed
after the
filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on September 3, 2004, Serial No. 10/934,315

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with this application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference or litigation which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

| | | |
|--|---------------------------------|-----------------------------|
| <u>Kimio ITO</u> (SIGNATURE) | Kimio ITO (TYPE NAME) | February 21, 2005 (DATE) |
| <u>Mitsuru Kitamura</u> (SIGNATURE) | Mitsuru KITAMURA (TYPE NAME) | February 21, 2005 (DATE) |
| _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |
| _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |
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| _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |
| _____ (SIGNATURE) | _____ (TYPE NAME) | _____ (DATE) |

NO LEGALIZATION REQUIRED

PATENT