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Yoshiharu OOI, Hiromasa SATO, Ryuichiro SHIMIZU, Takuji NOMURA, Yuzuru TANABE and Mitsuo OOSAWA

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

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

Name: Asahi Glass Company, Limited
Address: 12-1, Yurakucho 1-chome, Chiyoda-ku
Tokyo 100-8405 Japan

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

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
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- Change of Name

Execution Date: 07/17/06, 07/21/06, 07/21/06,
07/24/06, 07/18/06 and 07/24/06



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

This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

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6. Total applications and patents involved: 1

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PATENT
REEL: 018149 FRAME: 0428

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Yoshiharu Ooi of Chiyoda-ku, Tokyo, Japan,

Hiromasa Sato of Koriyama-shi, Fukushima, Japan,

Ryuichiro Shimizu of Koriyama-shi, Fukushima, Japan,

Takuji Nomura of Koriyama-shi, Fukushima, Japan,

Yuzuru Tanabe of Chiyoda-ku, Tokyo, Japan and

Mitsuo Oosawa of Koriyama-shi, Fukushima, Japan

_____, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: LIQUID CRYSTAL LENS ELEMENT AND OPTICAL
HEAD DEVICE

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Asahi Glass Company, Limited

(hereinafter referred to as "ASSIGNEE") having a place of business at: 12-1, Yurakucho 1-chome, Chiyoda-ku,
TOKYO 100-8405, JAPAN is desirous of acquiring the entire right, title and interest in and to said invention and in
and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any
and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby
acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer
unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial
possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which
may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in
and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions
and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the
assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE,
its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and
entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: July, 17, 2006 Yoshiharu Ooi
(Signature of Inventor) Yoshiharu Ooi

Date: July, 21, 2006 Hiromasa Sato
(Signature of Inventor) Hiromasa Sato

Date: July, 21, 2006 Ryuichiro Shimizu
(Signature of Inventor) Ryuichiro Shimizu

Date: July, 24, 2006 Takuji Nomura
(Signature of Inventor) Takuji Nomura

Date: July, 18, 2006 Yuzuru Tanabe
(Signature of Inventor) Yuzuru Tanabe

Date: July, 24, 2006 Mitsuo Oosawa
(Signature of Inventor) Mitsuo Oosawa

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