

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
POB/REV03

RECORDATION FO

03-13-2003

DEPARTMENT OF COMMERCE
Patent and Trademark Office

2-28-03

PATENT



102389282

ments or copy thereof.

Tab settings

To the Honorable Commissioner of Patents and Trademarks:

1. Name of conveying party(ies):

Tatsuhiko NAKAZAWA Kazuaki OYA
Shigeo KITAKA Keiji TSUNETOMO
 Masatoshi NARA

Additional names(s) of conveying party(ies) Yes No

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

Name: Nippon Sheet Glass Co., Ltd.

Internal Address: 7-28 Kitahama 4-chome, Chuo-ku

Osaka-shi, Osaka, Japan

Street Address: _____

City: _____ State: _____ ZIP: _____

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

3. Nature of conveyance:

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

Execution Date: 2/24/03;2/24/03;2/24/03;2/24/03;2/24/03

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

If this document is being filed together with a new application, the execution date of the application is: 2/24/03 respectively

A. Patent Application No.(s)

B. Patent No.(s)

10375099

Additional numbers attached? Yes No

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

Name: Michael E. Whitham

Internal Address: _____

03/13/2003 LMUELLER 00000007 10375099

01 FC:8021

40.00 OP

Street Address: Whitham, Curtis & Christofferson, PC

11491 Sunset Hills Road - #340

City: Reston State: VA ZIP: 20190

6. Total number of applications and patents involved: 1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

50-2041

(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.

Michael E. Whitham-Reg. No. 32,625

Feb. 28, 2003

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

PATENT OR DESIGN: SOLE OR JOINT
(U.S. and Foreign Rights)

ASSIGNMENT OF UNFILED APPLICATION FOR UNITED STATES PATENT

WHEREAS:

Tatsuhiro NAKAZAWA of c/o National Institute of Advanced Industrial Science and Technology Kansai Center, 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka 563-0026 Japan

NAME AND ADDRESS
OF ASSIGNOR:

Shigeo KITAKA, Kazuaki OYA, Keiji TSUNETOMO and Masatoshi NARA
all of c/o NIPPON SHEET GLASS CO., LTD. of 7-28 Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka, Japan

(Hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

TITLE OF INVENTION:

OPTICAL ELEMENT

(hereinafter referred to as INVENTION) for which application for Letters Patent of the United States has been executed on even date herewith,

WHEREAS:

FULL NAME AND ADDRESS
OF ASSIGNEE:

NIPPON SHEET GLASS CO., LTD.,
7-28 Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that good and valuable consideration from ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, 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 and 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.

ASSIGNOR further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for the aforesaid INVENTION as the ASSIGNEE or its designee(s) may from time to time require and prepare at its own expense.

ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue on said INVENTION to said ASSIGNEE, as assignee of the whole right, title and interest thereto.

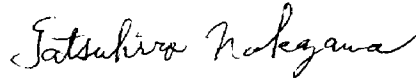
DATE OF SIGNING:

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 24th day of February, 2003.

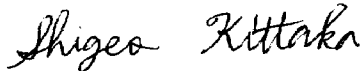
Warning: This must be the same as the date of signing of the declaration and power of attorney of the patent or design application.

SIGNATURE(S):

The signature(s) must correspond with the name(s) of the inventor(s) above. Type name(s) of inventor(s) under signature line(s).



(Signature) Tatsuhiro NAKAZAWA



(Signature) Shigeo KITTAKA

Kazuaki Oya
(Signature) Kazuaki OYA

Keiji Tsunetomo
(Signature) Keiji TSUNETOMO

Masatoshi Nara
(Signature) Masatoshi NARA

Instructions for assignment signing

All information, names of inventor(s) and assignee, title of invention and particulars of application should be completed. No witnessing or legalization is necessary. However, if this assignment is legalized, then it will be *prime facie* evidence of the execution of the assignment.