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Docket No.: 02410386AA

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To the Director of the United States Patent

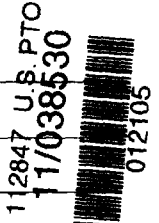
Patent Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Hiroyuki Tanaka**

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

Name: **Nippon Sheet Glass Company, Limited**

Internal Address: \_\_\_\_\_



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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Street Address: **1-7, Kaigan 2-chome, Minato-ku**

**Tokyo 105-8552, Japan**

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Execution Date: **1/12/05**

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

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: **1/12/05**

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:

Name: **Michael E. Whitham**

Internal Address: \_\_\_\_\_

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**

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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. 32,635**

**Jan. 21, 2005**

Name of Person Signing

Signature

Date

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

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**PATENT**  
**REEL: 016198 FRAME: 0347**

**ASSIGNMENT OF UNFILED APPLICATION  
FOR UNITED STATES PATENT**

*WHEREAS:*

NAME AND ADDRESS  
OF ASSIGNOR:

Hiroyuki TANAKA

of c/o NIPPON SHEET GLASS COMPANY, LIMITED, 1-7, Kaigan  
2-chome, Minato-ku, Tokyo 105-8552 Japan

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

TITLE OF INVENTION:

OPTICAL COMPONENT WITH HOLDER AND MANUFACTURING METHOD  
THEREOF

(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 COMPANY, LIMITED  
1-7, Kaigan 2-chome, Minato-ku, Tokyo 105-8552 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 12th day of January, 2005.

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).

*Hiroyuki Tanaka*

\_\_\_\_\_  
(Signature) Hiroyuki TANAKA

\_\_\_\_\_  
(Signature)