

07-16-2001

To the Honorable Commissioner of Pa



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| <p>1. Name of conveying party(ies):<br/>Hiroyuki Tanaka<br/>Additional names of conveying party(ies) attached?<br/><input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <p>3. Nature of Conveyance<br/><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br/><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br/><input type="checkbox"/> Other _____</p> <p>Execution Date: June 26, 2001</p> | <p>2. Name and address of receiving party(ies):<br/>Name: NIPPON SHEET GLASS CO., LTD.<br/>Internal Address:<br/>Street Address: 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi,<br/>City: Osaka<br/>Country: Japan</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>  |
| <p>4. Application number(s) or patent number(s):<br/>Title: A METHOD OF PRODUCING AN OPTICAL MODULE<br/>If this document is being filed together with a new application, the execution date of the application is <u>June 26, 2001</u></p> <p>A. Patent Application No(s) <u>89/898031</u> B. Patent No(s).<br/>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>   |  |
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:<br/>Michael E. Whitham, Esq.<br/>McGuireWoods LLP<br/>1750 Tysons Boulevard, Suite 1800<br/>McLean, VA 22102<br/>(703)712-5000</p>  | <p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): \$ <u>40.00</u><br/><input checked="" type="checkbox"/> Enclosed<br/><input checked="" type="checkbox"/> Authorized to be charged to deposit account<br/><input type="checkbox"/> Total fee due<br/><input checked="" type="checkbox"/> Any deficiencies in the enclosed fees</p> <p>8. Deposit account number:<br/>23-1951</p> |
| <p>9. Statement and signature<br/>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.</p> <p><u>Michael E. Whitham</u> <u>[Signature]</u> <u>July 5, 2001</u><br/>Name of Person Signing Signature Date<br/>Total number of pages including cover sheet: <u>3</u></p>   |  |

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(07/13/2001 LNUELLER 00000118 09898031  
01 FC:581 40.00 OP)

# ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS

NAME AND ADDRESS  
OF ASSIGNOR

Hiroyuki TANAKA of  
c/o Nippon Sheet Glass Co., Ltd.,  
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:

A METHOD OF PRODUCING AN OPTICAL MODULE

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 the  
United States Letters Patent to be obtained  
therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY  
CONCERN: Be it known that in consideration  
of the payment of ASSIGNEE to ASSIGNOR of  
the sum of One Dollar (\$1.00), the receipt  
of which is hereby acknowledged, and for  
other good and valuable consideration,  
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

(Assignment of Application for Patent --- page 1 of 2)

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.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 26th day of June, 2001.

SIGNATURE

By: H. Tanaka  
Hiroyuki TANAKA

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(Assignment of Application for Patent -- page 2 of 2)