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or copy(ies) thereof.

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se record the attached original document(s)

## 1. Name of conveying party(ies):

1) Masahiro HORI, 2) Koichiro NAKAMURA, 3)  
Mitsuhiro KAWADU, 4) Hiroko SHIKATA and 5) Hiroaki  
YAMAMOTO

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

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

Name: NIPPON SHEET GLASS CO., LTD.Street Address: 7-28, Kitahama 4-chome, Chuo-ku,  
Osaka-shiCity: OSAKA Country: JAPAN

Additional name(s) &amp; address(es) attached? No

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other  
Execution Date: August 12, 2002

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

If this document is being filed together with a new application, the execution date of the application is: August 12,  
2002

A. Patent Application No.(s)

10/204324

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom correspondence  
concerning document should be mailed:Name: WENDEROTH, LIND & PONACK, L.L.P.  
Attn: Michael R. Davis, Esq.Street Address: 2033 K Street, N.W., Suite 800City: Washington, State: DC ZIP: 20006-10216. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41). . . . . \$40.00☒ Enclosed (Check No. \_\_\_\_\_)  
Authorized to be charged to deposit account8. Deposit account number: 23-0975

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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 R. Davis, Reg. No. 25,134  
Name of Person Signing  
SignatureAugust 21, 2002  
DateTotal number of pages including cover sheet: 3

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20503.

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)  
of Inventor(s)

HORI Masahiro, NAKAMURA Koichiro, KAWADU Mitsuhiro, SHIKATA Hiroko and  
YAMAMOTO Hiroaki residing at Osaka-shi, OSAKA, JAPAN, respectively

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)  
of Assignee(s)

NIPPON SHEET GLASS CO., LTD.

Address

of 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, OSAKA 541-0041 JAPAN

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of  
Invention

ARTICLE HAVING A PREDETERMINED SURFACE CONFIGURATION AND PRODUCTION  
PROCESS THEREFOR

for which an application for patent in the United States has been executed by the undersigned

Date of  
Signing  
of Application

on August 12, 2002

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006-1021, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date August 12, 2002, Name of the Inventor Masahiro Hori  
Date August 12, 2002, Name of the Inventor Koichiro Nakamura  
Date August 12, 2002, Name of the Inventor Makiko Nishizawa  
Date August 12, 2002, Name of the Inventor Hiroyuki Iikata  
Date August 12, 2002, Name of the Inventor Hiroyuki Yamamoto  
Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_  
Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Yuki Morohashi

Witness \_\_\_\_\_

### ACKNOWLEDGMENT

\_\_\_\_\_  
\_\_\_\_\_ } ss

This \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

\_\_\_\_\_  
Official Signature

\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_

Applicant Reference Number \_\_\_\_\_ Atty Docket No. \_\_\_\_\_

Title of Invention \_\_\_\_\_