

Atty Ref/Docket No.: 593.019US1



To the Honorable Commissioner of Patents and Trademarks

101333306

copy thereof.

1. Name of conveying party(ies):

Kenichi Nakama and Tadashi Koyama

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

Name: Nippon Sheet Glass Co., Ltd

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

Street Address: 5-11, Doshomachi 3-chome, Chuo-ku  
Osaka-shi

3. Nature of conveyance:

[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other

Osaka Japan

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Execution Date: January 31, 2000

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

ARD 3.30.00

If this document is being filed together with a new application, the execution date of the application is: January 31, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

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

Name: Ann M. McCrackin

6. Total number of applications and patents involved: 1

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

Address: Schwegman, Lunenburg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 55412

[X] Enclosed  
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8. Please charge any additional fees or credit any overpayments to our  
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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.

Ann M. McCrackin/R.g. No. 42.858  
Name of Person Signing

*Ann M. McCrackin*  
Signature

March 30, 2000  
Date

Total number of pages including cover sheet: 3

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PATENT  
REEL: 010721 FRAME: 0059

ASSIGNMENT

WHEREAS, I/WE Kenichi Nakama and Tadashi Koyama

residing at: c/o NIPPON SHEET GLASS CO., LTD., 5-11, Dosho-machi  
3-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 Japan

made certain new and useful inventions and improvements for which I/we executed an application for Letters Patent of the United States on \_\_\_\_\_, said application having been assigned U.S. serial number \_\_\_\_\_ and is entitled OPTICAL DEMULTIPLEXER AND METHOD OF ASSEMBLING OPTICAL DEMULTIPLEXER IN OPTICAL AXIS ALIGNMENT

AND WHEREAS, NIPPON SHEET GLASS CO., LTD., a corporation organized and existing under and by virtue of the laws of \_\_\_\_\_, and having an office and place of business at 5-11, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 Japan (hereinafter "Assignee") is desirous of acquiring the entire right, title, and interest in and to said inventions, improvements, and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I/we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I/we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I/we do hereby agree that I/we and my/our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me/us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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AND, furthermore I/we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by me/us.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand on the date(s) indicated below.

Kenichi Nakama  
By: Kenichi Nakama

31/1/2000  
Date

Kiyosumi Fujii  
Witness: Kiyosumi Fujii

Tadashi Koyama  
By: Tadashi Koyama

31/1/2000  
Date

Nobuyuki Takatsuki  
Witness: Nobuyuki Takatsuki

\_\_\_\_\_  
By:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness:

\_\_\_\_\_  
By:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness:

RECORDED: 03/30/2000

PATENT  
REEL: 010721 FRAME: 0061