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To the Director of the Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party:

NIPPON SHEET GLASS CO., LTD.

2. Name and address of receiving party:

HOYA CORPORATION
7-5, Naka-Ochiai 2-Chome,
Shinjuku-ku, Tokyo, Japan

3.31.04

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FINANCE SECTION

3. Nature of conveyance: - ASSIGNMENT

Execution Date: March 23, 2004

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 as follows:

_____, _____, _____, respectively.

A. Patent Application No. (s)

10/143,372

B. Patent No.(s)

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

FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.
767 Third Avenue, 25th Floor
New York, New York 10017-2023

6. Total number of applications and patents involved: 1

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

[] Amount included with filing fee attached hereto.

[X] Check enclosed.

8. To the extent not tendered by check, authorization is given to charge the Assignment Fee (37 CFR.341) to Account No. 06-1378.

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.

By Richard S. Barth

RICHARD S. BARTH
Reg. No. 28,180

Dated: March 31, 2004

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I hereby certify that this paper and enclosed application and fee are being deposited with the United States Postal Service "Express Mail Post Office Addresses" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop: Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on the date noted below.

Lorraine Dobies
Lorraine Dobies

OIP 00056US
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02278/L11

A S S I G N M E N T

Whereas, NIPPON SHEET GLASS CO., LTD. (hereafter referred to as "Assignor"), a corporation organized under the laws of Japan, located and doing business at 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559, Japan, is the sole owner of the right, title and interest in and to U.S. Patent Application Serial No. 10/143,372 filed May 10, 2002 (referred to hereafter as "U.S. Patent Application") and the invention entitled **GLASS SUBSTRATE FOR MAGNETIC RECORDING MEDIA AND MANUFACTURING METHOD THEREOF** described and claimed therein, by virtue of an Assignment recorded July 10, 2002 (Reel No. 013072, Frame 0109), and

Whereas, HOYA CORPORATION (hereafter referred to as "Assignee"), a corporation organized under the laws of Japan, located and doing business at 7-5, Naka-Ochiai 2-Chome, Shinjuku-ku, Tokyo, Japan, is desirous of acquiring the entire right, title and interest in and to said invention and said U.S. Patent Application.

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor hereby sells, transfers and sets over to said Assignee, all of the Assignor's right, title and interest in and to said U.S. Patent Application and the inventions as disclosed, shown, described and claimed in said U.S. Patent Application and any patent issuing thereon, and in and to all applications for patent and patents for said inventions, in all countries of the world, including all divisions, reissues, reexaminations, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws related to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications, the same to be held and enjoyed by said Assignee, for its own use and enjoyment and for the use and enjoyment of its successors, assigns or other legal representatives.

NIPPON SHEET GLASS CO., LTD.

Date: March 23, 2004

By: 
Yozo ZUHARA
President and Representative Director