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101026087 To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof 1. Name of conveying party(ies): 2. Name and address of receiving party(ies)? Akihiro KOYAMA, Shoichi KISHIMOTO, Junji KURACHI and Nobuyuki YAMAMOTO Name: NIPPON SHEET GLASS CO., LTD. Internal Address: 5-11, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka, Japan Street Address: Additional name(s) of conveying party(ies) attached? \_\_ yes \_\_\_x no Same as above City State Zip 3. Nature of Conveyance: Additional name(s) & address(es) attached? x Assignment Merger \_\_\_\_ yes \_\_\_<u>x</u> no Security Agreement Change of Name Other Execution Date: April 9, 1999 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: April 9, 1999 B. Patent No(s). A. Patent Application No.(s) Additional numbers attached? x No 5. Name and address of party to whom correspondence Total number of applications and patents involved: concerning document should be mailed: One (1) SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 Pennsylvania Avenue, N.W. 7. Total Fee (37 CFR 3.41): Suite 800 x Enclosed. Please charge any underpayment in Washington, D.C. 20037-3202 connection with this Assignment to Deposit Account No. 19-4880. Authorized to be charged to Deposit Account 8. Deposit Account No. (Attach dupl. copy of this page if paying by Deposit Account) DO NOT WRITE IN THIS SPACE 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 ff the original document. 79 an April 19, 1999 Mark Boland Reg. No. 32,197 TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT:\_ OMB No. 0651-0011 (exp. 4/94) Do not detach this portion

Assistant Commissioner for Patents

Box Assignments Washington, D.C. 20231

PATENT

REEL: 9913 FRAME: 0151

## ASSIGNMENT

Whereas, I/We, Akihiro Koyama, Shoichi Kishimoto,

Junji Kurachi and Nobuyuki Yamamoto

all of Osaka, Japan

хоź

hereinafter called assignor(s), have invented certain improvements in

GLASS COMPOSITION AND SUBSTRATE FOR INFORMATION RECORDING MEDIA COMPRISING THE SAME

and executed an application for Letters Patent of the United States of America therefor on

April 9, 1999; and

Whereas, NIPPON SHEET GLASS CO., LTD. of

5-11, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We he	ereby authorize and re	quest my attorneys SUGHRUE,	MION, ZINN, MACPEAK & SEAS
of 2100 Penns	ylvania Avenue, N.W	., Washington, D.C. 20037-320	2 to insert here in parentheses
(Application nu	mber	, filed	) the filing
date and applic	cation number of said	application when known.	
Date:	04/09/1999	s/ Skehero	Hoyama
Date:	04/09/1999	s/ Swich Kist	14 to
Date:	04/09/1999	s/ Junji A	Curachi
Date:	04/09/1999	s/ Noburyuki	Yamamoto

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

Date:

RECORDED: 04/19/1999

PATENT REEL: 9913 FRAME: 0152