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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Akinori KURIKAWA	HOYA CORPORATION
Hisashi KASAHARA	7-5, Naka-Ochiai 2-chome,
Yasushi OKUBO	Shinjuku-ku, Tokyo, Japan
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	07-07-2006
3. Nature of conveyance:	07-07-2006
☑ Assignment ☐ Merger	i kada iyan abar iiba kada kada aban aban aban aban aban aban aban a
☐ Security Agreement ☐ Change of Name	· ·
□ Other	103270086
Execution Date: May 15, 2006	Additional name(s) & address(es) attached? ☐ Yes ☐ No
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:	
A. Patent Application No.(s)	B. Patent No.(s)
11/391,332	unknown
Additional numbers attached?	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed:	1
SUGHRUE MION, PLLC	7. Total fee (37 CFR 3.41): \$40.00
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CUSTOMER NUMBER	The USPTO is directed and authorized to charge all required
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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.	
\ \ \ - \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	June 30, 2006
Alan J. Kasper Reg. No.	25,426 Date
Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to:	
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07/06/2006 MJAMA1 00000049 11391332 01 FC:8021 (40.00 0P)

Assignment	
Whereas, I/We, AKINORI KURIKAWA, HISASHI KASAHARA and YASUSHI OKUBO of Kofu-shi, Japan, Hokuto-shi, Japan and Higashiyamato-shi, Japan, respectively, hereinafter called assignor(s), have invented certain improvements in MASK BLANK GLASS SUBSTRATE MANUFACTURING METHOD, MASK BLANK MANUFACTURING METHOD, MASK MANUFACTURING METHOD, MASK BLANK GLASS SUBSTRATE, MASK BLANK, AND MASK	
and executed an application for Letters Patent of the United States of America therefor on May 15, 2006; and	
Whereas, HOYA CORPORATION,	
7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo, 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 Director – U.S. Patent and Trademark Office 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 hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number	
(Application number 11/391,332 and Confirmation number, filed March 29, 2006) the filing date and application number of said application when known.	
Date: May 15, 2006 Akinori Kurikawa	
Date: May 15, 2006 S/ AKINORI KURIKAWA Wasahara Hisashi Kasahara s/ HISASHI KASAHARA	
Date: May 15, 2006 Yasushi Okubo s/ YASUSHI OKUBO	
Date:	
Date:	

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

s/

RECORDED: 06/30/2006

PATENT REEL: 018060 FRAME: 0876