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Masaru TANABE Masaru MITSUI	HOYA CORPORATION 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-8525 Japan
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ N 3. Nature of conveyance/Execution Date(s):	No
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Execution Date(s): October 5, 2006	
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•	This document is being filed together with a new application
A. Patent Application No.(s) Unassigned Additional numbers attached? ☐ Yes ☑ No	B. Patent No.(s)
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SUGHRUE MION, PLLC	7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00
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PATENT REEL: 018868 FRAME: 0519

Assignment

Whereas, I/We, MASARU TANABE and MASARU MITSUI of Kitakoma-gun,	
Yamanashi, Japan and Hokuto-shi, Yamanashi, Japan, respectively, hereinafter called	
assignor(s), have invented certain improvements in MANUFACTURING METHOD OF TRANSPARENT	
SUBSTRATE FOR MASK BLANKS, MANUFACTURING METHOD OF MASK BLANKS,	
MANUFACTURING METHOD OF EXPOSURE MASKS, MANUFACTURING METHOD OF	
SEMICONDUCTOR DEVICES, MANUFACTURING METHOD OF LIQUID CRYSTAL DISPLAY	
DEVICES, AND DEFECT CORRECTION METHOD OF EXPOSURE MASKS	
as set forth in an application for Letters Detent of the United States of America services as a set for the Control of the Con	
as set forth in an application for Letters Patent of the United States of America corresponding to international application No. PCT/JP2005/011434 filed on June 22, 2005; and	
Whereas, HOYA CORPORATION,	
7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-8525, 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 and Confirmation number	
and application number of said application when known.	
and appreciation number of said appreciation when known.	
Date: October 5, 2006 Mason Tanahe	
5. Misraco Milabe	
Date: October 5, 2006 Masaru Mitsui	
s/ MASARU MITSUI	
Date:	
s/	
Date:	

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

RECORDED: 12/20/2006

PATENT REEL: 018868 FRAME: 0520