04-23-2008

Docket No.: 050099-0400 103498390 To the Director of the U. S. Patent and Traucinain 4 documents or the new address(es) below. 1. Name of Conveying Party(ies) 2. Name and address of receiving party(ies) DAINIPPON SCREEN MFG. CO., LTD. Satoshi YASUDA, Mamoru FUJIMOTO, Hiroshi IWASA Name: Internal Address: Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of Conveyance/Execution Date(s) Address: Tenjinkita-cho 1-1, Teranouchi-agaru 4-chome Horikawa-dori, Kamigyo-ku, Kyoto 602-8585, **JAPAN** Execution Date(s): March 19, 2008; March 21, 2008; and March 19, 2008 respectively ★ Assignment ☐ Merger Security Agreement Change of Name ☐ Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes No Other. This document is being filed together with a new application 4. Application or patent number(s): A. Patent Application No(s). B. Patent No(s). Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning 6. Total number of applications and patents document should be mailed: involved: Name: MCDERMOTT WILL & EMERY LLP \$40.00 7. Total fee (37 CFR 1.21(h) & 3.41) Internal Address: Authorized to be charged by credit card Authorized to be charged to deposit account ☐ Enclosed Street Address: 600 13th Street, N.W. None required (government interest not affecting title) Zip: 20005-3096 City: Washington State: D. C. Phone Number: 202.756.8000 8. Payment Information: Fax Number: 202.756.8087 Email Address: Credit Card a. Last 4 Numbers **Expiration Date** Deposit Access ARYPHSer 86808482 566417 Authorized Mer Name 48.00 DO Res. No. 51, 821 Stephen A. Becker 26,527 April 15, 2008 Name and Registration No. of Person Signing Date Signature Total number of pages including cover sheet, attachments and documents: 3

> PATENT REEL: 020846 FRAME: 0365

U.S. PTO 12/081399 04/15/2008

Attorney Docket No.:	
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ASSIGNMENT

	WHE	REAS, Satoshi YASUDA, Mamoru FUJIMOTO and Hiroshi IWASA, all		
of	c/o D	AINIPPON SCREEN MFG. CO., LTD., Tenjinkita-cho 1-1,		
Ter	anouc	hi-agaru 4-chome, Horikawa-dori, Kamigyo-ku, Kyoto 602-8585,		
Jap	an, he	reinafter called the "Assignor," has invented a new and useful invention entitled		
	E	XPOSURE SYSTEM		
for v	which h	e has:		
	(a)	filed an application for United States Letters Patent on		
); or		
•	<i>(</i> 1.)			
	(b)	executed an application for United States Letters Patent on		
		March 19 and 21, 2008 , or		
	(0)	filed a provinienal application on		
	(c)	filed a provisional application on		
		as (Serial No); and		
	. WHE	REAS, DAINIPPON SCREEN MFG. CO., LTD.		
		orporation organized and existing under the laws of JAPAN, having a place of		
		· · · · · · · · · · · · · · · · · · ·		
		ness at:		
٠.		jinkita-cho 1-1, Teranouchi-agaru 4-chome, Horikawa-dori,		
		igyo-ku, Kyoto 602-8585, Japan ,		
		einafter called the "Assignee," is desirous of acquiring the entire right, title and		
		rest in and to said invention, the application above identified, and in, to and under		
	-	Letters Patent which may be obtained to said invention, as hereinafter more fully		
	set f	forth;		

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignor from the said Assignee is hereby acknowledged, the said Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

PATENT REEL: 020846 FRAME: 0366

And the said Assignor does hereby covenant and agree, for himself and his legal representatives, that he will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

The undersigned hereby grant(s) the attorneys of McDermott, Will & Emery the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hands and affixed his seal.

(Seal)

(Seal)