

07-14-2004



102790534 (Rev. 10/02)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 50099-231 (PATENTS		
To the Honorable Commissioner for Patents and Trademarks: Ple	ase record the attached original documents or copy thereto:	
1. Name of Conveying Party(ies):	2. Name and address of receiving party(ies):	
Motonobu KAWABATA and Masahiko KOKUBO 7.9.09	Name: DAINIPPON SCREEN MFG. CO., LTD.	
•	Address: 1-1, Tenjinkitamachi, Teranouchi-agaru 4-chome,	
Additional name(s) of conveying party(ies) attached? Yes No	Horikawa-dori, Kamikyo-ku,	
3. Nature of Conveyance:	Kyoto, JAPAN	
Assignment Merger		
☐ Security Agreement ☐ Change of Name		
Other To correct the name of the first assignor at Reel		
014226, Frame 0607		
Execution Date: June 5, June 3, 2003		
	Additional name(s) & address(es) attached? Yes No	
4. Application number(s) or patent number(s):		
If the document is being filed together with a new application, the e	execution date of the application is: June 5, June 3, 2003	
A. Patent Application No(s). 10/600,869 filed June 23, 2002	B. Patent No(s).	
Additional numbers attac	hed? Yes No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:	
concerning document should be mailed:		
Name: MCDERMOTT, WILL & EMERY	7. Total fee (37 CFR 3.41) \$40.00	
Internal Address:	☐ Enclosed	
	Authorized to be charged to deposit account	
Street Address: 600 13th Street, N.W.	8. Deposit account number:	
	500417	
City: Washington State: D. C. Zip: 20005-3096		
DO NOT USE THIS SPACE		
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.		
	2.000	
Stephen A. Becker, 26,527	July 9, 2004	
Name and Registration No. of Person Signing	Signature Date	
To	otal number of pages including cover sheet: 3	
OMB No. 0651-0027 (exp. 6/30/2005)		

07/13/2004 ECDOPER 00000001 500417 01 FC:8021 40.00 DA

WDC99 773757-2.050099.0231

PATENT REEL: 015549 FRAME: 0119

U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Rev. 10/02) Patent and Trademark Office **PATENTS ONLY** Docket No.: 50099-231 To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto: 2. Name and address of receiving party(ies): 1. Name of Conveying Party(ies): Monotobu KAWABATA and Masahiko KOKUBO Name: DAINIPPON SCREEN MFG. CO., LTD. Address: 1-1, Tenjinkitamachi, Teranouchi-agaru 4-chome, Additional name(s) of conveying party(ies) attached? Yes No Horikawa-dori, Kamikyo-ku, 3. Nature of Conveyance: Kyoto JAPAN **X** Assignment Merger Security Agreement Change of Name Other Execution Date: June 5, June 3, 2003 Additional name(s) & address(es) attached? Yes 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: June 5, June 3, 2003 A. Patent Application No(s). B. Patent No(s). 10600869 Additional numbers attached? Yes No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY 7. Total fee (37 CFR 3.41) \$40.00 Internal Address: Enclosed Authorized to be charged to deposit account Street Address: 600 13th Street, N.W. 8. Deposit account number: 500417 City: Washington State: D. C. Zip: 20005-3096 DO NOT USE THIS SPACE 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. Stephen A. Becker, 26,527 June 23, 2003 Name and Registration No. of Person Signing Date Total number of pages including cover sheet: 3 OMB No. 0651-0027 (exp. 6/30/2005) 07/07/2003 ECOOPER 00000032 500417 10600869 01 FC:8021 40.00 DA

> PATENT REEL: 015549 FRAME: 0120

Attorney Docket No.:	
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ASSIGNMENT

WHE	REAS, Motonobu KAWABATA and Masahiko KOKUBO
nereinafter of OPTICAL SO	called the "Assignor," has invented a new and useful invention entitled
for which he	has:
(a)	filed an application for United States Letters Patent on
(b)	executed an application for United States Letters Patent on June 3 and 5, 2003 ; or
(c)	filed a provisional application on
WHEREAS, DAINIPPON SCREEN MFG. CO., LTD. a corporation organized and existing under the laws of JAPAN, having a place of business at: 1-1 Tenjinkitamachi, Teranouchi-agaru 4-chome, Horikawa-dori, Kamikyo-ku,	
herei intere	nafter called the "Assignee," is desirous of acquiring the entire right, title and est in and to said invention, the application above identified, and in, to and under etters Patent which may be obtained to said invention, as hereinafter more fully orth;

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: 015549 FRAME: 0121 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.

Date:	June 5, 2003	Motonobu Kawabata
(Seal)		Motonobu KAWABATA
Date: (Seal)	June 3, 2003	人久子 正人 Masahiko KOKUBO
Date: (Seal)		
Date: (Seal)		
Date: (Seal)		
Date:		

2