U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

FORM PTO-1595 1-31-92

102420272

The attached original documents or copy thereof. To the Honorable Commissioner of Patents and Traueina 1. Name of conveying party(ig 2. Name and address of receiving party(ies): Ken SUGIYAMA Kabushiki Kaisha Toshiba Name: Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan tached? 🗌 Yes 🔳 No Additional name(s) of conveyir 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: March 17, 2003 Additional name(s) and 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: B. Patent No.(s) A. Patent Application No.(s) 10/352,130 Additional numbers attached?

Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 Tel. (703) 413-3000 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) 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. C. Irvin McClelland Name of Person Signing Joseph A. Scafetta, Jr. Registration Number: 21,124 Registration No. 26,803 Total number of pages including this cover sheet: 3 14/2003 ECOOPER 00000165 10352130 01 FC:8021 40.00 Do not detach this portion Mail documents to be recorded with required cover sheet information to: **Commissioner of Patents and Trademarks Box Assignments**

Washington, D.C. 20231

PATENT REEL: 013942 FRAME: 0349

Assignment of Application

RT NAMES	WHEREAS, I (WE) Ken SUGIYAMA	
RESIDENCE RESS OF INVENTORS:		
INVENTORS:		
	·	
		, respectively
RT TITLE OF NTION:	have invented certain new and useful improvements in: SURFACE LIGHT SOURCE	
	D. J. J. S. J. Harry Datastana areastad an	
RT DATE ENTORS SIGNED LARATION:	For which an application for Letters Patent was executed on	·
ARATION.	(Application No. 10/352,130 , filed January 28, 2003), and
	WHEREAS, Kabushiki Kaisha Toshiba	
RT NAME ADDRESS OF	a to a to water a second to the control of the cont	

(hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: March 17, 2003	Ken Sugiyama	
	(Signature of Inventor) Ken SUGIYAMA	
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	
Date:		
	(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

10/01

RECORDED: 04/10/2003

PATENT REEL: 013942 FRAME: 0351