	M PTO-1595 1-92	12-23-1998 U.S. [EPARTMENT O	
	12-11-28		0 =
To	the Honorable Commissioner of Patents and Trader	100927839 documents or copy thereof	 102 103
1.	Name of conveying party(ies):	2. Name and address of receiving party(ies):	2093
	TOMOO MITSUNAGA and TAKASHI TOTSUKA	Name: SONY CORPORATION	900
		Internal Address: Tokyo International P. O. Box 5100	O, Toky
Add	itional name(s) of conveying party(ies) attached? [100-31, Japan	
		Street Address: 7-35, Kitashinagawa 6-chome, Shina	agawa-ku
3.	Nature of Conveyance:	City <u>Tokyo 141</u> Country <u>Japan</u>	
X	Assignment Merger Security Agreement Change of Name Other	Additional Name(s) & address(es) attached? [] Yes $egin{bmatrix} X \end{bmatrix}$ No	
	Execution Date: November 14, 1995		
4.	Application number(s) or patent number(s):		
199		new application, the execution date of the application is: <u>Nover</u>	mber 14,
	A. Patent Application No.(s):	B. Patent No.(s)	
:	09/209302	-	
	Additional numbers attac	ched? Yes X No	
5.	Name and address of party to whom correspondence document should be mailed:	concerning 6. Total number of applications and patents involved	d: 1
	Name: Philip M. Shaw, Jr., Esquire	7. Total fee (37 CFR 3.41):\$ 40.00 E	
	Internal Address: Limbach & Limbach Street Address: 2001 Ferry Building City, State, ZIP: San Francisco, California 941	[X] Enclosed 11	
	Telephone: (415) 433-4150 Facsimile: (415) 433-8716	8. Deposit account number: 12-1420	
	Attorney Docket No. SONY-P5729	(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 informat	ion is true and correct and any attached copy is a true copy of the original document	it.
	Philip M. Shaw, Jr. Name of Person Signing	Signature Movember 21, 1995	<u> </u>
		Total number of pages comprising cover	sheet: 1
OME	B No. 0651-0011 (exp 4/94)		
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PATENT REEL: 9651 FRAME: 0200

Express Mail No. EM502815537US Div. of App. No. 03/561,377 Attorney's Docket No.: SONY-CA729 Tomoo Mitsunaga et al. Kyla L. Harriel, Rec. No. 41, 816 LIMBACH & LIMBACH L.L.P. (415) 433-4150

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in IMAGE DETECTING APPARATUS for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address: AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries; NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto; And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention. applications and Letters Patent of the United States and countries foreign thereto; And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense. And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto; And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale. And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: ______, Filing Date:______ This assignment executed on the dates indicated below. Nov. 14 95
Execution date of U.S. Patent Application TOMOO MITSUNAGA Name of first or sole inventor KANAGAWA, JAPAN Residence of first or sole inventor Signature of first or sole inventor

> PATENT REEL: 9651 FRAME: 0201

Nov 14 95

Date of this assignment

TAKASHI TOTSUKA	Nov 18 95
Name of second inventor	Execution date of U.S. Patent Application
CHIBA, JAPAN	Noo 14 95
Residence of second inventor Takshi Totsul	/
Signature of second inventor	Date of this assignmen
•	
	• •
Name of third inventor	Execution date of U.S. Patent Application
Residence of third inventor	
Signature of third inventor	I)ate of this assignment
Name of fourth inventor	Execution date of U.S. Patent Application
Residence of fourth inventor	
Signature of fourth inventor	Date of this assignment
Name of fifth inventor	Execution date of U.S. Patent Application
Residence of fifth inventor	
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Signature of fifth laveator	Dite of this assignment

PATENT REEL: 9651 FRAME: 0202

RECORDED: 12/11/1998