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U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. 100353-00081 Date: September 27, 2001 09/963410.

To the Assistant Commissioner of Patents Please record the attached original documents or copy thereof

2 /			
1. Name of conveying party(ies)	Name and address of receiving party(ies):		
Koji FUJIWARA, Iwao SUGIYAMA and Tognitaka MIZUGUCHI	Name: FUJITSU LIMITED		
Additional name(s) of conveying party(ies) attached?	Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan		
☐ Yes	Additional name(s) & address(es) attached?		
3. Nature of conveyance:	☐ Yes		
□ Assignment  □ Merger     □ Security Agreement  □ Change of Name     □ Other  □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □			
Execution Date: September 12, 2001			
4. Application number(s) or patent number(s):			
A. Patent Application No.(s)	B. Patent No.(s)		
Additional numbers attached?   Yes   No			
5. Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:     One		
Name: Arent Fox Kintner Plotkin & Kahn PLLC 7. Total fee (37 CFR 3.41) \$ 40.00			
Street Address: 1050 Connecticut Avenue, N.W., Suite 400	☑ Included in attached check.		
Washington, D.C. 20036-5339	Any additional fees are authorized to be charged to deposit account		
	8. Deposit account number: 01-2300 (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.			
Charles M. Marmelstein  September 27, 2001			
Name of Person Signing Reg. No. 25,895  Total number of pages including cover sheet, attachments, and document: 2			
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## ARENT FOX KINTNER PLOTKIN & KAHN, PLLC Nikaido, Marmelstein, Murray & Oram Intellectual Property Group

Docket No:

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventors (hereinafter ASSIGNOR) by:

FUJITSU LIMITED

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

CMOS-TYPE SOLID STATE IMAGING DEVICE THAT PREVENTS CHARGE INFLOW INTO OPTICAL BLACK

for which application for Letters Patent of the United States was filed on \_\_\_\_\_\_, and assigned Serial No. \_\_\_\_\_\_\_ (Arent Fox Kintner Plotkin & Kahn, PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.

Koji Fujiwara	Kin Fuminara	September 12, 2001
	Kin Fuguras (SIGNATURE)	(DATE)
Iwao Sugiyama	(SIGNATURE)	September 12, 2001
	(SIGNATURE)	(DATÉ)
Toshitaka Mizuguchi	Joshitaka miyugudii (SIGNATURE)	September 12, 2001
	(SIGNATURE)	(DATE)
-	(SIGNATURE)	(DATE)
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	(SIGNATURE)	(DATE)

NO LEGALIZATION REQUIRED

**RECORDED: 09/27/2001** 

PATENT REEL: 012206 FRAME: 0013