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MM)	po	PATENT APPLICATION
1.31	IN THE UNITED STAT	ES PATENT AND TRADEMARK OFFICE
In Re the	Application of:) Group Art Unit:
N	AKAI et al.) Examiner:
Serial No	o.: Not Yet Assigned) RECORDATION OF ASSIGNMENT
Filed: H	Herewith) <u>EXPRESS MAIL #IB914059135</u>
Atty. File	e No.: 2933SE-88))
F	CLOCK SIGNAL GENERAT OR SOLID-STATE IMAGIN PPARATUS"	,
Assistant	SIGNMENTS Commissioner for Patents ton, D.C. 20231	09/495427
Dear Sir:		
P	lease record the attached origi	nal documents or copy thereof:
1.	Name of conveying part	y(ies):
	Tomomichi NAK Toshio NAKAK	
2.	Name and address of rec	ceiving party(ies):
	Sanyo Electric C 5-5, Keihan-Hor Osaka 570-8677	ndori 2-chome, Moriguchi-shi
3	Nature of Conveyance:	
	[X] Assignment [] Security Agreer [] Other:	
	Execution Date: Januar	ry 25, 2000
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PATENT REEL: 010586 FRAME: 0380

Application number(s) or patent number(s) 4. If this document is being filed together with a new application, the execution date of the application is: January 25, 2000 Patent Application No.(s): None. A. Patent No.(s): None. В. Name and address of party to whom correspondence concerning documents should 5. be mailed: Douglas W. Swartz Sheridan Ross P.C. 1560 Broadway, Suite 1200 Denver, Colorado 80202-5141 Total number of applications and patents involved: 1. 6. Total fee (37 CFR 3.41).....\$40.00. 7. **Enclosed** [X]Any deficiency in payment of recording fee is authorized to be charged to [X] Deposit Account. Authorized to be charged to deposit account. Deposit account number: 19-1970 8. Statement and signature. 9. 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. Total number of pages including cover sheet, attachments and document: 4 Respectfully submitted, SHERIDAN ROSS P.C.

Douglas W. Swartz

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(303) 863-9700

Date: //an. 31, 2000

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ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to SANYO ELECTRIC CO., LTD. (hereinafter referred to as "ASSIGNEE"), who has a business office at 5-5 Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 570-8677 Japan, the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

CLOCK SIGNAL GENERATOR FOR SOLID-STATE IMAGING APPARATUS

(File No.)for which I (we)	have executed an
application for a	Únited States Lett	ters Patent on
. (Application	on Serial No.	filed on
•)		

- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.
- 3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my (our) signature(s).

1) <u>Jomonicha hakai</u> Name: Tomomichi NAKAI	Date: January 25, 2000
2)	Date: <u>January 25,</u> 2000
Witness: Joshiyuki Nishida Name:	Date: January 25, 2000
Witness: Fuscinori Watanabe Name:	Date: January 25, 2000

PATENT REEL: 010586 FRAME: 0382

RECORDED: 01/31/2000