01/31/2000 DNGUYEN 00000271 09473156 Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
40.00 0P Washington, D.C. 20231

(Form PTO-1595-Recordation Form Cover Sheet [16-5]-page 1 of 3)

PATENT

REEL: 010508 FRAME: 0214

1408.6348°

GREER, BURNS & CRAIN, LTD. Suite 8660 - Sears Tower 233 South Wacker Drive Chicago, Illinois 60606

ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged	l, the following inventor or
inventors (hereinafter called "ASSIGNOR")	•

Name: Yoshihiro MIYAMOIO, Hironori NISHINO, Yusuke MATSUKURA, Toshio FUJII c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588 Japan

hereby assigns, transfers and sets over to:

Name: Address: FUITSU LIMITED

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

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as:

MULTI-QUANTUM WELL INFRARED PHOTO-DETECTOR

for which a United States Patent Application was executed on even date herewith or, if not so executed, was:

(a)	executed on	; o
(b)	filed on	

and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, to sue for past infringement

- (1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention.
- (2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.
- (3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

PATENT REEL: 010508 FRAME: 0215

Date <u>13/12/1999</u>	Signature of inventor_	Lookiling Migranety
		Eficopori Vistina
Date <u>13/12/1999</u>	Signature of inventor	Jusupe Matsubura
Date <u>13/12/1999</u>	Signature of inventor	Tahu Fuji
Date	Signature of inventor	
Daic	Signature of inventor_	· · · · · · · · · · · · · · · · · · ·
	Signature of inventor	
	Signature of inventor	
	-	

ASSIGNOR hereby grants to the law firm of GREER, BURNS & CRAIN, LTD. of

Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark

Office or a Patent Office of any foreign country.

PATENT REEL: 010508 FRAME: 0216

RECORDED: 12/28/1999