PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tsuyoshi HIGUCHI	08/19/2009

RECEIVING PARTY DATA

Name:	FUJITSU MICROELECTRONICS LIMITED	
Street Address:	7-1, Nishi-Shinjuku 2-chome	
City:	Shinjuku-ku, Tokyo	
State/Country:	JAPAN	
Postal Code:	163-0722	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12563485

CORRESPONDENCE DATA

Fax Number: (202)857-6395

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 2028576000

Email: dcipdocket@arentfox.com

Correspondent Name: Arent Fox LLP

Address Line 1: 1050 Connecticut Ave, NW

Address Line 2: Suite 400

Address Line 4: Washington, DISTRICT OF COLUMBIA 20036

ATTORNEY DOCKET NUMBER: 100698-00172

NAME OF SUBMITTER: Charles M. Marmelstein

Total Attachments: 1

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OP \$40.00 12

PATENT REEL: 023278 FRAME: 0452

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Doll Inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))	ar (\$1.00), and of other good and valuat	le consideration paid to the undersigned		
FUJITSU MICROELECTRONICS LIM	ITED	•		
7-1, Nishi-Shinjuku 2-chome, Shinjuku-	ku, Tokyo 163-0722 Japan			
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·				
(hereinafter, "ASSIGNEE"), the receipt of which is h ASSIGNEE the entire and exclusive right, title and in (Tule of Invention) SOLID-STATE IMAGE SENSOR	ereby acknowledged, the undersigned ASSI aterest to the invention entitled	GNOR hereby sells, assigns and transfers to		
relating to International Patent Application PCT/JP_executed on even date herewith or, if not so executed	/ and/or for which application, was:	n for Letters Patent of the United States was		
(a) executed on	; (Insert date of execution of ap	plication, if not concurrent)		
(b) filed on September 21, 2009	,			
Serial Nol 2 / 563,485	Assignee's attorney is here data, when known.	Assignee's attorney is hereby authorized to insert in (b) the specified data when known.		
and to said application and all Letters Patent(s) of the substitute, reissue or reexamination application based including any extensions thereof (collectively, herein	thereon, for the full term or terms for which	the saidT etters Datant/s) may be amounted as i		
The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said a reexamination, or public use proceeding, and in any lift acts to include but not be limited to executing all paps swom testimony, and obtaining and producing evident	e or expedient, for securing, maintaining and pplication(s) and the issuance of said Letter tigation or other legal proceeding which may ers. including separate assignments and devi-	d enforcing protection for said invention, s Patent(s), in any interference, reissue,		
IN WITNESS WHEREOF, the undersigned inven	tor(s) has (have) affixed his/her/their signati	ıre(s).		
1) Isuyashi Higuchi	Tsuyoshi HIGUCHI	Aug. 19. 2009		
(Signature)	(Type Name)	(Date)		
2)				
(Signature)	(Type Name)	(Date)		
3)				
(Signature)	(Type Name)	(Date)		
4)		•		
(Signature)	(Type Name)	(Date)		

PATENT REEL: 023278 FRAME: 0453

RECORDED: 09/24/2009