

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daisuke OKAMOTO</td> <td>11/13/2008</td> </tr> <tr> <td>Hisao KAI</td> <td>11/13/2008</td> </tr> </tbody> </table>		Name	Execution Date	Daisuke OKAMOTO	11/13/2008	Hisao KAI	11/13/2008
Name	Execution Date						
Daisuke OKAMOTO	11/13/2008						
Hisao KAI	11/13/2008						
RECEIVING PARTY DATA							
Name:	Funai Electric Co., Ltd.						
Street Address:	7-1, 7-Chome, Nakagaito						
City:	Daito-shi, Osaka						
State/Country:	JAPAN						
Postal Code:	574-0013						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12273832</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12273832		
Property Type	Number						
Application Number:	12273832						
CORRESPONDENCE DATA							
Fax Number:	(202)628-8844						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	202-624-2500						
Email:	wcousins@crowell.com						
Correspondent Name:	Crowell & Moring LLP						
Address Line 1:	Intellectual Property Group						
Address Line 2:	PO Box 14300						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20044-4300						
NAME OF SUBMITTER:	James F. McKeown						
Total Attachments: 2 source=60974USAssignment#page1.tif source=60974USAssignment#page2.tif							

OP \$40.00 12273832

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

Funai Electric Co.,Ltd.
7-1, 7-Chome,Nakagaito,Daito-shi,
Osaka 574-0013, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

Image Sensor

as set forth in his United States Patent Application (check one):

- executed concurrently herewith,
- executed on _____,
- Serial No. _____, filed on _____,
- PCT International Application, No.: _____, filed _____.

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **CROWELL & MORING, L.L.P.**, or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Signature:
Inventor one:

Daisuke Okamoto
Daisuke Okamoto

2008/11/13
DATE

ASSIGNMENT

Attorney Docket No.:

102238.60974US

Signature: Inventor two:	<u>Hisao Kai</u>	<u>2008 / 11 / 13</u> DATE
Signature: Inventor three:	_____	DATE
Signature: Inventor four:	_____	DATE
Signature: Inventor five:	_____	DATE
Signature: Inventor six:	_____	DATE
Signature: Inventor seven:	_____	DATE
Signature: Inventor eight:	_____	DATE
Signature: Inventor nine:	_____	DATE
Signature: Inventor ten: Citizen of	_____	DATE

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.