

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>Takashi Ishizawa</td> <td>08/23/2007</td> </tr> <tr> <td>Tomohiko Osaka</td> <td>08/28/2007</td> </tr> </tbody> </table>		Name	Execution Date	Takashi Ishizawa	08/23/2007	Tomohiko Osaka	08/28/2007
Name	Execution Date						
Takashi Ishizawa	08/23/2007						
Tomohiko Osaka	08/28/2007						
RECEIVING PARTY DATA							
Name:	Mitsumi Electric Co., Ltd.						
Street Address:	2-11-2 Tsurumaki						
Internal Address:	Tama-Shi						
City:	Tokyo						
State/Country:	JAPAN						
Postal Code:	990-2251						
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>11846315</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11846315		
Property Type	Number						
Application Number:	11846315						
CORRESPONDENCE DATA							
Fax Number:	(503)274-4622						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	5032223613						
Email:	docketing@techlaw.com						
Correspondent Name:	Alexander C. Johnson, Jr.						
Address Line 1:	210 SW Morrison Street						
Address Line 2:	Suite 400						
Address Line 4:	Portland, OREGON 97204						
ATTORNEY DOCKET NUMBER:	5854-42						
NAME OF SUBMITTER:	Alexander C. Johnson, Jr.						

Total Attachments: 2
 source=585442assgn#page1.tif

500343681

PATENT
REEL: 019757 FRAME: 0754

OP \$40.00 11846315

ASSIGNMENT

Assignor: Takashi ISHIZAWA

Address: c/o MITSUMI ELECTRIC CO., LTD.
Yamagata Business Division
1-1059-5, Tachiyagawa
Yamagata-Shi, Yamagata
Japan

Assignor: Tomohiko OSAKA

Address: c/o MITSUMI ELECTRIC CO., LTD.
Yamagata Business Division
1-1059-5, Tachiyagawa
Yamagata-Shi, Yamagata
Japan

Assignee: MITSUMI ELECTRIC CO., LTD.

Address: 2-11-2, Tsurumaki, Tama-Shi, Tokyo, Japan

**Title of
Invention:** CAMERA MODULE

U.S. Patent Application:

Application Serial No.: 11/846,315
Filing Date: 28 August 2007

U.S. Patent No.:
Issued:

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuance and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its

successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Yamagata, Japan, this 23 day of
August, 2007.

Takashi Ishizawa

Assignor: Takashi ISHIZAWA

Executed at Yamagata, Japan, this 23 day of
August, 2007.

Tomohiko Osaka

Assignor: Tomohiko OSAKA