05-22-2003



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) M&G-10921.174US01

FORM PTO-1595

102454269



To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Hiroaki ONISHI ROHM CO., LTD. Hisayoshi FUJIMOTO 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi Kyoto 615-8585 Japan Additional name(s) & address(es) attached?

Yes

No Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: 8 May 2003 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 8 May 2003 B. Patent No.(s) A. Patent Application No.(s) Unknown Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1 document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Douglas P. Mueller Enclosed Name: Address: Merchant & Gould P.C. Authorized to be charged to deposit account P.O. Box 2903 Minneapolis, MN 55402-0903 8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725 DO NOT USE THIS SPACE 9. Statement and signature: 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. 13 May 2003 Douglas P. Mueller Signature Date Name of Person Signing Total number of pages including cover sheet, attachments, and document: 2 Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services Director - U.S. Patent and Trademark Office

P.O. Box 1450 Alexandria, VA 22313-1450

bublic burden reporting for this sample coversheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, P.C. 20503.

05/21/2003 ECDOPER 00000097 10439268

FC:8021

40.00 OP

PATENT REEL: 014082 FRAME: 0712

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

ROHM CO., LTD. 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 Japan

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

and possessions in and to his invention relati	ing to
IMAGE SENSOR MODULE AND METHOD O	F MAKING THE SAME
as set forth in his United States Patent Appli [X] executed concurrently herewi [] executed on [] Serial No. in and to said United States Patent Applic continuations thereof and in and to any and a may issue on any such application or for said extensions thereof, to be held and enjoyed representatives and assigns to the full end of Letters Patent may be granted as fully and en- the undersigned had this Assignment not been m	filed
Trademarks to issue any and all such Letters assigns in accordance herewith; Each of the undersigned warrants and covright to sell and assign the interests here executed and will not execute any document or	renants that he has the full and unencumbered ein sold and assigned and that he has not instrument in conflict herewith; and agrees that at any time upon request of atives or assigns he will communicate to said wes or assigns all information known to him ion and that he will execute and deliver any any legal proceedings and perform all other by said ASSIGNEE, its successors, legal e to said invention, to said application and to any and all Letters Patent which may issues or extensions, in said ASSIGNEE, its NEE, its successors, legal representatives or
Name: Hiroaki Onishi	Mame: Hisayoshi Fujimoto Name: Hisayoshi Fujimoto
Name:	Name:
date	date
Name:	Name:

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.

PATENT RECORDED: 05/13/2003 REEL: 014082 FRAME: 0713