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PATENT APPLICATIONNAME OF CONVEYING PARTY : Kensuke SAWASE, Yuji MATSUMOTO
and Kiyotaka SAWA

NAME OF RECEIVING PARTY : ROHM CO., LTD.

ADDRESS OF RECEIVING PARTY : 21, Saiin Mizosaki-cho, Ukyo-ku,
Kyoto-shi, Kyoto 615-8585
JAPAN

NATURE OF CONVEYANCE : Assignment of U.S. Patent Application

CONVEYANCE EXECUTION DATE : July 5, 2005

PATENT APPLICATION NO. : To be assigned

PATENT APPLICATION FILING DATE : August 10, 2005

APPLICATION FILED TOGETHER
WITH THIS DOCUMENT : YES

APPLICATION EXECUTION DATES : July 5, 2005

CORRESPONDENCE : RABIN & BERDO, P.C.
ADDRESS : 1101 14th Street, N.W., Suite 500
Washington, DC 20005
(Customer No: 23995)

ATTORNEY REFERENCE : AI 387NP

TOTAL NUMBER OF PATENTS
AND APPLICATIONS INVOLVED : One

TOTAL FEE PAID : \$40.00

METHOD OF PAYMENT : ☒ Enclosed[] Authorized to be charged to
deposit account

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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.
Robert H. Berdo, Jr. (Reg. No. 38,075)August 10, 2005
DateTotal number of pages including cover sheet, attachments and document: 2.FEE ENCLOSED: \$40.00
Please charge any further
fee to our Deposit Account
No. 18-0902**PATENT**
REEL: 017570 FRAME: 0427

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Kensuke SAWASE, Yuji MATSUMOTO, and Kiyotaka SAWA

hereinafter referred to collectively as the assignor, has invented a certain improvement

relating to IMAGE SENSOR AND METHOD FOR FORMING PHOTODIODE ISOLATION STRUCTURE,

[] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[] said application having been filed in the United States Patent and Trademark Office on _____, authorization being hereby given to my attorneys, Steven M. Rabin (Reg. No. 29,102), Robert H. Berdo, Jr.

(Reg. No. 38,075), , Phillip G. Avruch (Reg. No. 46, 076) and Allen Wood (Reg. No. 28,134) .

of RABIN & BERDO, P.C., 1101 14th Street, N.W., Suite 500, Washington, D.C. 20005, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;[X] said application having been filed under the Patent Cooperation Treaty on June 30, 2004, Serial No. PCT/JP04/9589, the United States of America being designated;AND WHEREAS ROHM CO., LTD. of 21, Sain Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585, Japan, hereinafter

referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made;

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof;

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 5 day of July, 2005

WITNESSES:

Signature: _____

Name: _____

Address: _____

Signature: _____

Name: _____

Address: _____

Signature: _____

Name: _____

Address: _____

ASSIGNOR:

Signature: Kensuke SawaseName: Kensuke SAWASESignature: Yuji MatsumotoName: Yuji MATSUMOTOSignature: Kiyotaka SawaName: Kiyotaka SAWA