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Attorney Docket No.40404.4

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DATENTS ONLY

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

11-30-04 PATENT	S ONLY	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.		
Name of conveying party(ies): Yoshitsugu UEDAIRA and Junji FUJINO	2. Name and address of receiving party(ies):	
Additional name(s) of conveying party(ies) attached? □ yes 图no	(2a.) Name: Rohm Co., Ltd. Address: 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto 615-8585, Japan.	
3. Name of Conveyance: Assignment	(2b.) Name Address: Additional name(s) & address(es) attached? □yes 図no Additional name(s) & address(es) attached? □yes 図no	
If this document is being filed together with a new application, the execution date of the application is: November 23, 2004		
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers attached □ yes •□no		
Name and address of party to whom correspondence concerning document should be mailed: Name: Joseph R. Keating, Esq. Internal Address: KEATING & BENNETT LLP Street Address: 10400 Eaton Place, Suite 312 City: Fairfax State: VA ZIP 22030	7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed Authorized to be charged to credit card with Credit Card Payment Form (PTO-2038) Authorized to be charged to deposit account 8. Deposit account number: 50-1353	
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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. Joseph R. Keating, Reg. No. 37,368		
Name of Person Signing Signar	ture Date: November 30, 2004	
Total number of pages comprising cover sheet, attachments and document:3		
Mail documents to be recorded with required cover sheet information to: Commissioner for Patents Box Assignment Washington, D.C. 20231		

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ASSIGNMENT (WORLDWIDE)

WHEREAS, I, (We), Yoshitsugu UEDAIRA and Junji FUJINO
(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled
OPTICAL RECEIVER AND DATA COMMUNICATION APPARATUS COMPRISING
SAME for which application for Letters Patent of the United States has been
No accepted an area data benevith.
executed on even date herewith; filed on
filed on as Serial No
WHEREAS, Rohm Company, Ltd.,
(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and
under said invention and the United States Letters Patent to be obtained therefore;
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in
consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the
receipt of which is hereby acknowledged, and for other good and valuable consideration,
ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title
and interest to the said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute or reissue thereof
for the full term or terms for which the same may be granted; and all Letters Patent and
applications therefore through the world, including all the rights accruing by virtue of the
International Convention for the Protection of Industrial Property.
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has
been or will be made or entered into which would conflict with this assignment and sale;
ASSIGNOD further equations that ASSIGNICE will upon its request, he provided promptly
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters
Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any
interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its
legal representative any and all papers, instruments or affidavits required to apply for, obtain,
maintain and enforce said application, said invention and said Letters Patent which may be
necessary or desirable to carry out the purposes hereof.
Dated: 23. Nov. 2004 Jostifsyen Adaira
- 1 2 11 2 11 Acres Time
Dated: 23 Nov. 2004 Juny Funio
Dated:

RECORDED: 11/30/2004

PATENT REEL: 016044 FRAME: 0093