FORM PTO-1595 (Rev. 6-93)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
5.8.00 RF 05-26-		Attorney Docket No.: 040894-5542		
To the Commissioner for Patents: Please record the attached original documents or copy thereof. 101368387 ATTN: BOX ASSIGNM				
Name of conveying party(ies): Shingo OOYAMA		address of receiving party(ies): ohm Co., Ltd.		
Additional name(s) of conveying party(ies) attached? Yes _X_ No	Internal Add			
3. Nature of conveyance: Street Ad X Assignment Merger		ess: 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-0045 Japan		
Security Agreement Change of Name Other	City: State:	Zip:		
Execution Date: April 24, 2000		name(s) & address(es) attached? X No		
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: April 24, 2000				
A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached:YesX No				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number	er of applications and patents involved: 1		
Name: Robert J. Gaybrick Internal Address: Customer No. 09629 Morgan, Lewis & Bockius LLP	X Enclos	7 C.F.R §3.41): <u>\$40.00</u> ed zed to be charged to deposit account 50-0310		
1/2040 entl Avadus eccessors 12 og 1890 M Street, N.W. City: Washington State: D.C. Zip: 20036	Deposit account number: 50-0310 Attach duplicate of page if paying by deposit account			
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.				
David Kenealy Reg. No. 40,411 Name of Person Signing Signature	c {	May 8, 2000 Date		
Total number of pages including cover sheet, attachments and documents: 2				

SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:				
THERMAL PRINT HEAD				
for which I/WE executed an application for United States Letters Patent concurrently herewith; or on; or filed an application for United States Letters Patent on, (Serial No); and				
WHEREAS, ROHM CO., LTD. a corporation of Japan 21, Salin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-0045 Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issue upon this application;				
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;				
AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.				
AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No, filed) the filing date and application number of said application when known.				
IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s).				
Full Name of Sole of First Assignor Shingo OOYAMA	Assignor's Signature Shings Doyama	Date April 24, 2000		
Address C/O ROHM AMAGI CO., LTD. 258-1, Oaza Oguma, Amagi-shi, Fukuoka 838-0052 JAPAN		Citizenship Japan		
2. Full Name of Second Assignor	Assignor's Signature	Date		

MORGAN, LEWIS & BOCKIUS

Address

RECORDED: 05/08/2000

PATENT REEL: 010805 FRAME: 0515

Citizenship