B/O FORM PTO-1595 (Rev. 4/00)

artment of Commerce Patent and Trademark Office

To the Commissioner for Patent	s. Please record the attached origin	al documents or conie	es thereof.
1. Name of Conveying Party(ies):		T	of Receiving Party(ies);
1	i NINOMIYA	Name:	Matsushita Electric Industrial Ltd.
		Street Address:	1006, Oaza Kadoma, Kadoma,
3. Nature of Conveyance:			Ε.
⊠Assignment □ Security Agreem □ Other:	□ Merger ent □ Change of Name	City, State, Zip:	Osaka, 571-8501 Japan
Execution Date	e: March 27, 2006	☐ Additional r	name(s) and address(es) attached
4. (A) Patent Application Number(s):		4. (B) Patent Number(s):	
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If this document is being filed toge application, the execution date of t	ther with a new he application is: APPARATUS March 27, 2006 Additional Num	abers Attached.	
If this document is being filed toge application, the execution date of the Title: DATA RECORDING Attorney Docket No.: NINC 5. Name and Address of Party to we Document Should be Mailed:	ther with a new he application is: APPARATUS 03001/EM Whom Correspondence Concerning this	Total Number of Ap Pat	plications and ents Involved:
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If this document is being filed toge application, the execution date of to the control of the co	ther with a new he application is: APPARATUS D3001/EM Chom Correspondence Concerning this Eugene Mar Bacon & Thomas, PLLC 625 Slaters Lane Fourth Floor	Total Number of Ap Pate 7. Total Fee: (37 CFR 3.41) Enclosed	\$40.00 \$40.00
If this document is being filed toge application, the execution date of the Title: DATA RECORDING Attorney Docket No.: NINC 5. Name and Address of Party to we Document Should be Mailed: Name:	ther with a new he application is: APPARATUS D3001/EM Chom Correspondence Concerning this Eugene Mar Bacon & Thomas, PLLC 625 Slaters Lane Fourth Floor	Total Number of Appears 7. Total Fee: (37 CFR 3.41) ≅ Enclosed □ Authorized to be of	\$40.00 \$40.00
If this document is being filed toge application, the execution date of the Title: DATA RECORDING Attorney Docket No.: NINC 5. Name and Address of Party to we Document Should be Mailed: Name: 23364 CUSTOMER NUMBER 9. Statement and Signature:	ther with a new he application is: APPARATUS APPARATUS AND APPARATUS APPARATUS APPARATUS AND APPARATUS APPARATUS APPARATUS AND APPAR	Total Number of Appear. 7. Total Fee: (37 CFR 3.41) Enclosed Authorized to be of the count No. 100 per part of the count No.	s40.00 charged to deposit account umber: 02-0200

PATENT REEL: 017741 FRAME: 0990

ASSIGNMENT

WHEREAS, I (we), Hideyuki Ninomiya

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in DATA RECORDING APPARATUS

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was
[x] executed on even date herewith
[] executed on:
[] filed on: Serial No.:
[] established by PCT International Patent Application No.: filed:

designating the United States of America

WHEREAS, Matsushita Electric Industrial Co., Ltd.
whose post office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in
the united States:

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

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ASSIGNMENT

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Assignor Name Hideyuki Ninomiya	Address	
Where Signed Osaka, Japan	c/o Matsushita Electric Industrial Co., Ltd. 1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan	
Date March 27, 2006	Signature Hideyuhi Ninomga	
Witness (optional) Tadahiro Yoshida	Witness (optional)	
Tadahiro Yoskida	Print/Type Name	
Signature	Signature	

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RECORDED: 03/31/2006