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PATENT ONLY

U.S. DEPARTMENT OF COMMERCE

**MAT-8097US** 

**PATENTS ONLY** 

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Masatoshi Taniguchi, Takeshi Otsuka, Nobukatsu Okuda,	Name: Matsushita Electric Industrial Co., Ltd.			
Hirofumi Uchida, Shinya Tanaka	Internal Address:			
	Street Address: 1006, Oaza Kadoma, Kadoma-shi			
	City: Osaka State: Japan ZIP: 571-8501			
Additional name(s) of conveying party(ies) attached?	Additional name(s) & address(es) attached?			
3. Nature of Conveyance:				
☐ Security Agreement ☐ Change of Name				
Correction of Assignment Recordation				
(previously recorded at Reel, Frame).				
Other				
Execution Date: April 23, 2001				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application				
A. Patent Application Number(s) 09/786,524  B. Patent Number(s)				
Additional number(s) attached?   YES   NO				
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1			
concerning document should be mailed:				
Name: Lawrence E. Ashery				
Internal Address: Ratner & Prestia	7. Total fee (37 CFR 3.41): \$40.00			
	Enclosed			
Street Address: Suite 301, One Westlakes, Berwyn,				
P.O. Box 980	Authorized to be charged to deposit account			
City: Valley Forge State: PA ZIP: 19482-0980	8. Deposit account number: 18-0350			
/ ARAAA AAA AAAA AAAA AAAA AAAA AAAA AA	(Attach duplicate copy of this page if paying by deposit account.)			
06/13/2001 MNGUYEN 00000180 09786524				
02 FC:581 40.00 P 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.				
	/			
Lawrence E. Ashery	10101 6/0/01			
Name of Person Signing Signature	Date /			
34,515	//			
Registration. No.				
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USPTO Form 1595 [R&P]

**PATENT** REEL: 011906 FRAME: 0446

P23316

## No legalization required

## **ASSIGNMENT**

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

	with the Abbioton, comprising the following named inventor(s)		
	Inventor(s)		
ASSIGNOR(s)/ NVENTOR(s)	1. Masatoshi Taniguchi	2. Takeshi Otsuka	
	3. Nobukatsu Okuda	4. Hirofumi Uchida	
	5. Shinya Tanaka		
	has made an invention entitled: REPRODUCED SIGNAL PROCESSOR  and has executed an application for Letters Patent of the United States concurrently herewith;		
	WHEREAS, the ASSIGNEE		
SSIGNEE	Matsushita Electric Industrial Co., Ltd.		
Full Name nd address)	1006, Oaza Kadoma, Kadoma-shi, Osaka, 571-8501 Japan		

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions and continuations thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

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ASSIGNOR hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

**SIGNATURE** 

(Typed or Printed Name)	(Signature)	(Date)	
1. Masatoshi Taniguchi	Masatoshi Paniguchi	April 23, 2001	
2. Takeshi Otsuka	Jakeshi Utsuka	April 23, 2001	
3. Nobukatsu Okuda	Nobakatsu Okuda	April 23, 2001	
4. Hirofumi Uchida	Hirofumi Uchida	April 23, 2001	
5. Shinya Tanaka	Shinya Janaka.	April 23, 2001	
Application for United States Letters Patent			
Serial No. 09/786,524	Filed March 6,	2001	
Attorney Docket No. MAT-8097US.			

PATENT RECORDED: 06/08/2001 REEL: 011906 FRAME: 0448