U.S. DEPARTMENT OF COMMERCE

17.02 REC

102298658

To the Honorable Commissioner of Patents and Trademarks, riease record the attached a ginal documents or copy thereof

1. Name of conveying party(ies): Kaoru ISHIDA; Naoki TAKACHI; Ric TAKEUCHI	Name and address of receiving party(ies): Name: Matsushita Electric Industrial Co., Ltd.			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? YES NO	Street Address: 1006 Oaza Kadoma, Kadoma-shi			
Additional name(s) of conveying party(ies) attached:	City: Osaka State: Japan ZIP: 571-8501 Additional name(s) & address(es) attached? YES NO			
3. Nature of Conveyance:	Additional mane(s) & address(es) attached.			
	0FI			
Correction of Assignment Recordation				
(previously recorded at Reel, Frame).	FIRE OF			
Other	CE OF POT 2 OCT -7 INANCE			
Execution Date: August 20, 2002	E .7 G			
они воступара по постоя по постоя по	हिं 🧸 ं			
Execution Date: August 20, 2002 Application number(s) or patent number(s): If this document is being filed together with a new applic A Patent Application Number(s): 10/198 251	OFFICE OF THAT IS TO THE PROPERTY OF THE PROPE			
A. Patent Application Number(s) 10/198,251	B. Patent Number(s)			
The rate of the rest of the re	S. Faterit Humber(s)			
ALIV: 1 1 () W 1 10 TO VEG MANO				
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: Allan Ratner				
Internal Address: RatnerPrestia	7. Total fee (37 CFR 3.41): \$40.00			
Internal Address. Rather result	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 (Attach duplicate copy of this page if paying by deposit account.)			
DO NOT US	SE THIS SPACE			
9. Statement and signature.	$\overline{}$			
To the best of my knowledge and belief, the foregoing into	mation is true and correct and any attached copy is a true copy of			
the original document.	$\sqrt{2}$			
Allan Ratner	Indition is true and correct and any attached copy is a true copy of			
Name of Person Signing Signature	Date			
19.717	/			
Registration. No. Total number of pages including co	ver sheet, attachments, and document: 3			
OMB No. 0651-0011 (exp. 4/94)	or ones, addentions, and document. 5			
	ach this portion			
Mail documents to be recorded with required cover sheet informatic	on to: atents and Trademarks			
Box Assignments				
Washington, D.C. 20231				
002 LINUELLER 00000011 10198251				

40.00 DP

USPTO Form 1595 [R&P]

PATENT REEL: 013366 FRAME: 0406

ASSIGNMENT

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

	Inventor(s)			
ASSIGNOR(s)/ INVENTOR(s)	1, Kaoru ISHIDA 2. Naoki TAKACHI			
	3. Rie TAKEUCHI 4.	······································		
	has made an invention entitled: Feedforward Amplifier and			
	and has executed an application for Letters Patent of the United States concurrently herewith; WHEREAS, the ASSIGNEE Matsushita Electric Industrial Co., Ltd.			
ASSIGNEE Full Name and address)				
	of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN			
	is desirous of acquiring the entire interest in and to said invention	on 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.

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.

LS_S;_FORMS\PATENT\ASSNPFP.DOC

PATENT REEL: 013366 FRAME: 0407 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.

	(Typed or Printed Name)	(Signature)	(Date)
SIGNATURE 1. Kaoru ISHIDA 2. Naoki TAKACH 3. Rie TAKEUCHI 4.	1. Kaoru ISHIDA	Kaorn Ishida	August 20, 2002
	2. Naoki TAKACHI	Naoki Jakac	hic August 20,2002
	3. RIe TAKEUCHI	Rie Lakent	August 20, 2002
	4	Takeuchi	
	Application for United States	Letters Patent	
	Serial No. <u>10/198,251</u> Filed <u>Jul</u>		18,2002
	Attorney Docket No. MIS-33	34 8US	

RECORDED: 10/07/2002

PATENT REEL: 013366 FRAME: 0408