FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 03-29-2001



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Name (line 1) Maenza, Glenn J.	03022001	
Name (line 2) Second Party Name (line 1)	Execution Date Month Day Y	
Name (line 2)		
Receiving Party	X Mark if additional names of receiving parties attached	
Name (line 1) Sony Corporation	If document to be re is an assignment ar	nd the
Name (line 2) A Corporation of	Japan receiving party is no domiciled in the Uni States, an appointm of a domestic	nited
Address (line 1) 7-35 Kitashinagaw	wa 6-Chome representative is att. (Designation must be	be a
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Address (line 3) Tokyo 141	Japan	
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PATENT REEL: 011617 FRAME: 0726

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Corresponde	ent Name and Address	Area Code and Telephone Number	er 908-654-5000			
Name [LERNER, DAVID, I	LITTENBERG, KRUMHOLZ & MER	NTLIK, LLP			
Address (line 1)	600 South Avenue	: West				
Address (line 2)	Westfield, NJ 0	7090				
Address (line 3)						
Address (line 4)						
Pages	Enter the total number of pincluding any attachment	pages of the attached conveyance dooss.	cument # 1			
• •	Number(s) or Patent Nu	· · ·	k if additional numbers attached			
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	being filed together with a <u>new</u> Patt named executing inventor.	atent Application, enter the date the patent appli	cation was Month Day Year 03022001			
Patent Coop	eration Treaty (PCT)					
	r PCT application number	PCT PCT	PCT			
	<u>if</u> a U.S. Application Numb not been assigned.	per pct pct	PCT			
Number of P	roperties	total number of properties involved.	# 1			
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Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00						
Method of Payment: Enclosed Deposit Account X Deposit Account						
(Enter for p	payment by deposit account or if ac	dditional fees can be charged to the account.) Deposit Account Number:	# 12-1095			
		Authorization to charge additional fees:	Yes X No			
Statement ar	nd Signature					
To the L	best of my knowledge and l	belief, the foregoing information is tru	e and correct and any			
attached copy is a true copy of the original document. Charges to deposit account are authorized, as						
indicate	ed herein.	M. I D?	•			
Matthew B	. Dernier	1/alles Dles	March 9, 2001			
Name	of Person Signing	Signature	Date			

FORM PTO-1 Expires 06/30/99 OMB 0651-0027	RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY	U.S. Department of Commerce Patent and Trademark Office PATENT
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Name (line 1)]
Name (line 2)		Execution Date
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Name (line 1)	800	
Name (line 2)	6 C	
Receiving Pa	rty(ies) Mark if additional names of receiving part	ties attached
	Receiving Party(ies)	
Name (line 1)	Sony Music Entertainment, Inc.	If document to be recorded
Name (1)		is an assignment and the receiving party is not
Name (line 2)	A Delaware Corporation	domiciled in the United States, an appointment
Address (line 1)	550 Madison Avenue	of a domestic representative is attached. (Designation must be a separate
Address (line 2)		document from Assignment.)
Address (line 3)	New York NY 1000	
Name (line 1)		If document to be recorded is an assignment and the
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A -1-t		States, an appointment of a domestic representative is
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Address (line 3)	City State/Country Zip	Code
Application N	umber(s) or Patent Number(s) Mark if additional numbers attached	Code
• •	Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the	ame property).
Pa	tent Application Number(s) Patent Num	ber(s)

PATENT REEL: 011617 FRAME: 0728

ASSIGNMENT

WHEREAS, GLENN J. MAENZA, a citizen of the United States, residing at 25 Woodrose Lane, Glen Mills, PA 19342, as assignor, has invented improvements in

METHODS AND APPARATUS FOR NOISE COMPENSATION IN DIGITAL TO ANALOG CONVERTERS

for which an Application for United States Letters Patent has been executed by me on even date herewith.

AND WHEREAS, Sony Corporation, a corporation of Japan, having a place of business at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141, Japan and Sony Music Entertainment Inc., a Delaware corporation with offices at 550 Madison Avenue, New York, New York 10021, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I as assignor hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys, to insert on this deed the filing date and application number of said application when known.

MARCH Z, 2001

STATE OF _

COUNTY OF

On this 2 day of Mach, 2001, before me appeared Glenn J. Maenza, the person who signed this instrument, who acknowledged that the same was executed by him/her of his/her own free will for the purposes therein set forth.

Notary Public

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STATE OF NEW JERSEY COUNTY OF GLOUCESTER

PAMELA O. PEARSON NOTARY PUBLIC OF NEW JERSEY My Commission Expires June 30, 2004

RECORDED: 03/09/2001

PATENT REEL: 011617 FRAME: 0729