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FORM PTO-1595 (n_diffe #)	02-10-2	- 10881 (BH) 98H (BB)	CHEET	U.S. DEPARTMENT	
(Rev 6-93)			SHEET	Patent	and Trademark Office
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To the Director of the United States Pat	1029422	riease record the	attached origin	al documents or cop	ies thereof.
Name of conveying party(ies):		2. Name and ad	ldress of rece	iving party(ies):	٥ / ا
Mitsuo YASUSHI Masatoshi YANAGIDAIRA Motoji HASHIMOTO	MRD 2-17-05	4-1, Megu	CORPORA ro 1-chome 3-8654 Japa	, Meguro-ku	112913 U.S.F 11/05077
Additional conveying party/ica	NO				
Additional conveying party(ies) 3. Nature of conveyance:	NO	1			
ASSIGNMENT	•				
Execution Date:					
January 26, 200)5	Additional name	(s) & address	(es) attached?	NO
4. Application number(s) or patent nur	nber(s):				
If this is being filed together with a r	new application, the exec	cution date of the	application is:	January 26,	2005
A. Patent Application Number	er(s):	B. Pate	ent Number(s)	:	
5. Name and address of party to whor concerning document should be ma Glenn Law FOLEY & LARDNER LLP Washington Harbour 3000 K Street, N.W., Suite Washington, D.C. 20007-	n correspondence iled: 500	7. Total fee (37	C.F.R. § 3.41 closed deposit accou	,	
		THIS SPACE			
9. Statement and signature: To the best of my knowledge a copy of the original document. The Cope he required in this matter to the above	and belief, the foregoing ommissioner is hereby a	information is true	e and correct ge any additio	and any attached nal recordation fee	copy is a true es which may
Glenn Law		TX)	5451	Februa	ry 7, 2005
Name of person signing		Signature	- `	I	Date
	Total number of pag	es including cove	r sheet, attacl	nments, and docui	ment: 3
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Attorney Docket No.:	

U.S. Rights-Sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and	PIONEER CORPORATION
address of assignee	4-1, Meguro 1-chome, Meguro-ku Tokyo 153-8654, Japan
•	ASSIGNEE) all right, title and interest for the United States, its territories and and to this invention relating to
title of invention	DUMMY SOUND GENERATING APPARATUS AND DUMMY SOUND GENERATING METHOD AND COMPUTER PRODUCT
as set forth in	this United States Patent Application
Check one	 □ executed concurrently herewith □ executed on

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made:

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Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to

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assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS					
Name: Mitsuo YASUSHI	Signature: historio yamshi	Date: Jan. 26, 2005			
Name: Masatoshi YANAGIDAIRA	Signature: Masatoshi Yanaqidaira	Date: Jan, 26, 2005			
Name: Motoji HASHIMOTO	Signature: Motor Hashington	Date: Jun. 26, 2005			
Name:	Signature:	Date:			
Name:	Signature:	Date:			

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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