1515	Atty. Dkt. No. 046262-0110			
FORM PTO-1595 (modified)	25 - 2005 U.S. DEPARTMENT OF COMMERCE			
(Rev 6-93) RECORD	: Patent and Trademark Office			
To the Director of the United States Patent and T	2925073 original documents or copies thereof.			
Name of conveying party(ies):	Name and address of receiving party(ies):			
Hiroaki MISE (12/02/04) Toshiyuki AMAYA (12/07/04) Makoto TAKANASHI (11/30/04) Kazuhiro MIYAMOTO (12/01/04) Shigeki YATABE (12/02/04)	PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku Tokyo, 153-8654 Japan			
Additional conveying party(ies) NO				
Nature of conveyance: ASSIGNMENT				
Execution Date:				
see above dates	Additional name(s) & address(es) attached? NO			
Application number(s) or patent number(s):				
If this is being filed together with a new application, the exapplication is:	November 30, 2004 and December 1-2 and 7, 2004			
A. Patent Application Number(s):	B. Patent Number(s):			
	bers attached? NO			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1			
	7. Total fee (37 C.F.R. § 3.41): \$40.00			
Glenn Law	X Check Enclosed			
FOLEY & LARDNER LLP Washington Harbour	= -			
3000 K Street, N.W., Suite 500	Charge to deposit account			
Washington, D.C. 20007-5143	8. Deposit account number: 19-0741			
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002.1320242.1

PATENT REEL: 016160 FRAME: 0122

January 5,2005

Date

U.S. Rights--Sale 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 PIONEER CORPORATION

name and address of

4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 Japan

as set forth in this United States Patent Application

assignee
(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and

possessions in and to this invention relating to
INFORMATION DISPLAY METHOD, INFORMATION DISPLAY DEVICE, AND

title of invention

INFORMATION DISPLAY METHOD, INFORMATION DISPLAY DEVICE, AND INFORMATION DELIVERY AND DISPLAY SYSTEM

check one	図 executed concurr	rently herewith
	 executed on 	
	□ Serial No.	Filed

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;

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 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.

Date:	Dec. 2nd. 2004		Think him
	7	(Signature of Inventor)	
Date:	Dec # 2004	(Signature of Inventor)	Toshiyuki Amaya Toshiyuki AMAYA
Date:	Nov. 30. 2004		Makoto Takanashi
		(Signature of Inventor)	Makoto TAKANASHI
Date:	Dec. 1st 2004	<u> </u>	Kazuhiro Miyamoto Kazuhiro MIYAMOTO
			•
Date:	Dec Ind 2006	(0)	Shigahi Gatales Shigeki YATABE
		(Signature of Inventor)	Shiger TATABE

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.

RECORDED: 01/05/2005

Attorney Docket No.:

PATENT REEL: 016160 FRAME: 0123