

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Yoshio SASAKI</td><td>04/01/2009</td></tr><tr><td>Shogo MIYANABE</td><td>04/01/2009</td></tr><tr><td>Hiroyuki UCHINO</td><td>04/01/2009</td></tr></tbody></table>		Name	Execution Date	Yoshio SASAKI	04/01/2009	Shogo MIYANABE	04/01/2009	Hiroyuki UCHINO	04/01/2009				
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>PIONEER CORPORATION</td></tr><tr><td>Street Address:</td><td>4-1, Meguro 1-chome</td></tr><tr><td>Internal Address:</td><td>Meguro-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>153-8654</td></tr></table>		Name:	PIONEER CORPORATION	Street Address:	4-1, Meguro 1-chome	Internal Address:	Meguro-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	153-8654
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CORRESPONDENCE DATA													
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PATENT  
REEL: 022588 FRAME: 0206

Total Attachments: 1  
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ASSIGNMENT

WHEREAS, Yoshio SASAKI, Shogo MIYANABE and Hiroyuki UCHINO of Saitama, Japan

has invented certain new and useful improvements in INFORMATION RECORDING APPARATUS AND METHOD, AND COMPUTER PROGRAM

for which application for Letters  
(I/we have made--or am/are about to make)

Patent of the United States of America;

AND WHEREAS, PIONEER CORPORATION of 4-1, Meguro 1-chome,  
Meguro-ku, Tokyo 153-8654 Japan

desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of Dollars (\$ )

to in hand paid, the receipt of which is hereby acknowledged have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said

right, title, and interest in and to the said invention, as fully set forth and described in the:

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Inapplicable  
wording

(a) specification prepared and executed by on the 1st day of April, 2009  
(b) application filed on the day of 19, Serial No.

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be held and enjoyed by the said for own use and behoof, and for legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by had this assignment and sale not been made.

IN TESTIMONY WHEREOF, hereunto set hand and affix seal at this 1st day of April, A.D. 2009

Yoshio SASAKI  
(Inventor's full Signature) Yoshio SASAKI

Shogo Miyanabe  
(Inventor's full Signature) Shogo MIYANABE

Hiroyuki UCHINO  
Hiroyuki UCHINO

\* State whether the full and exclusive right, or what part of the whole interest is assigned.