

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoshio SASAKI</td> <td>10/07/2008</td> </tr> <tr> <td>Masakazu FURUKAWA</td> <td>10/07/2008</td> </tr> <tr> <td>Hisao TANAKA</td> <td>10/07/2008</td> </tr> <tr> <td>Hiroyuki UCHINO</td> <td>10/07/2008</td> </tr> </tbody> </table>		Name	Execution Date	Yoshio SASAKI	10/07/2008	Masakazu FURUKAWA	10/07/2008	Hisao TANAKA	10/07/2008	Hiroyuki UCHINO	10/07/2008
Name	Execution Date										
Yoshio SASAKI	10/07/2008										
Masakazu FURUKAWA	10/07/2008										
Hisao TANAKA	10/07/2008										
Hiroyuki UCHINO	10/07/2008										
RECEIVING PARTY DATA											
Name:	Pioneer Corporation										
Street Address:	4-1, Meguro 1-chome, Meguro-ku										
City:	Tokyo										
State/Country:	JAPAN										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12100463</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12100463						
Property Type	Number										
Application Number:	12100463										
CORRESPONDENCE DATA											
Fax Number:	(310)513-7685										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	3109523300										
Email:	jeannie.benedict@pioneer-usa.com										
Correspondent Name:	Steve A. Wong										
Address Line 1:	2265 E. 220th Street										
Address Line 4:	Long Beach, CALIFORNIA 90810										
ATTORNEY DOCKET NUMBER:	PC 4050.03 US										
NAME OF SUBMITTER:	Steve A. Wong										
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif											

CH \$40.00 12100463

ASSIGNMENT OF APPLICATION AND PATENT

WHEREAS, we, Yoshio SASAKI, Masakazu FURUKAWA, Hisao TANAKA, and Hiroyuki UCHINO all of Saitama, Japan have invented a certain new and useful invention for INFORMATION RECORDING APPARATUS AND INFORMATION RECORDING METHOD, for which we have made application for Letters Patent of the United States as fully set forth and described in the specification filed in the United States Patent and Trademark Office on April 10, 2008 and assigned Serial No. 12/100,463;

WHEREAS, PIONEER CORPORATION, having the address at 4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan, is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be had therefor;

NOW THEREFORE, to all whom it may concern, be it known, that for good and valuable consideration, to us, we, said Yoshio SASAKI, Masakazu FURUKAWA, Hisao TANAKA and HIROYUKI UCHINO, have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said PIONEER CORPORATION the whole right, title, and interest in and to said invention for INFORMATION RECORDING APPARATUS AND INFORMATION RECORDING METHOD and any and all improvements disclosed in the aforesaid application for patent, as fully set forth and described therein, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from the aforesaid application which have been or shall be filed in the United States and in and to the United States Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from the aforesaid United States patent application and related applications as prepared for and filed in any and all foreign countries, said whole right, title, and interest in and to said invention for INFORMATION RECORDING APPARATUS AND INFORMATION RECORDING METHOD being the same for said PIONEER CORPORATION's own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which said Letters Patent

may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

And we, for ourselves, our heirs, assigns, and legal representatives hereby covenant to and with said assignee PIONEER CORPORATION, its assigns, successors, and legal representatives, that we have full right to sell and assign the whole right, title, and interest in and to said invention and the Letters Patent to be had therefor and that the entire interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever. And we also, for ourselves, our heirs, assigns, and legal representatives hereby further covenant to and with said assignee PIONEER CORPORATION, its assigns, successors, and legal representatives to fully cooperate therewith in the prosecution of the aforesaid application in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation extending to any U.S. or foreign divisional, continuing, substitute, renewal, reissue or any other application derived from the aforesaid application, and including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith.

And we do hereby authorize and request the United States Commissioner of Patents to issue Letters Patent to said PIONEER CORPORATION, as the assignee of our entire right and title therein.

In Testimony Whereof, we have hereunto set our hand and seal on the day and month of 20____ as indicated below.

Yoshio Sasaki
Yoshio SASAKI

Date: 10/07/2008

Masakazu Furukawa
Masakazu FURUKAWA

Date: 10/07/2008

Hisao Tanaka
Hisao TANAKA

Date: 10/07/2008

Hiroyuki Uchino
Hiroyuki UCHINO

Date: 10/07/2008