

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Noriaki ITAI</td> <td>06/28/2010</td> </tr> <tr> <td>Seiji USAMI</td> <td>06/28/2010</td> </tr> <tr> <td>Hiroshi YAMAMIZU</td> <td>06/28/2010</td> </tr> </tbody> </table>		Name	Execution Date	Noriaki ITAI	06/28/2010	Seiji USAMI	06/28/2010	Hiroshi YAMAMIZU	06/28/2010				
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<b>CORRESPONDENCE DATA</b>													
<p>Fax Number: (703)816-4100</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7038164000</p> <p>Email: SAB@nixonvan.com</p> <p>Correspondent Name: NIXON &amp; VANDERHYE, PC</p> <p>Address Line 1: 901 NORTH GLEBE ROAD, 11TH FLOOR</p> <p>Address Line 4: ARLINGTON, VIRGINIA 22203</p>													
ATTORNEY DOCKET NUMBER:	MJK-790-2120												
NAME OF SUBMITTER:	Michael J. Keenan												
<p>Total Attachments: 2</p> <p>source=790-2120Assnmt#page1.tif</p>													

OP \$40.00 29358397

**501244728**

**PATENT**  
**REEL: 024747 FRAME: 0451**



**ASSIGNMENT FOR PATENT APPLICATION**  
**(U.S. Rights Only)**

WHEREAS, Noriaki Itai of c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan, 545-8522, Seiji Usami of c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan, 545-8522 and Hiroshi Yamamizu of c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan, 545-8522, (hereinafter ASSIGNORS), have made an invention entitled DIGITAL VIDEO DISK PLAYER for which a so-entitled application for Letters Patent of the United States, is being concurrently executed herewith; was filed in the United States Patent and Trademark Office on 29/358,397 under Serial No. March 26, 2010;

WHEREAS, Sharp Kabushiki Kaisha (hereinafter ASSIGNEE), a corporation of the Country of Japan, having an office and place of business at 22-22, Nagaike-cho, Abeno-ku, Osaka, Japan 545-8522 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America as defined in 35 U.S.C. § 100, in and to the invention as described in the aforesaid application and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, and the ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademark to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

AGREED and executed as noted below:

June 28, 2010

Date

Witnessed by:

Kazuhito Iwai

Name:

June 28, 2010

Date

Witnessed by:

Kazuhito Iwai

Name:

June 28, 2010

Date

Witnessed by:

Kazuhito Iwai

Name:

Noriaki Itai

Noriaki Itai

June 28, 2010

Date:

Seiji Usami

Seiji Usami

June 28, 2010

Date:

Hiroshi Yamamizu

Hiroshi Yamamizu

June 28, 2010

Date: