

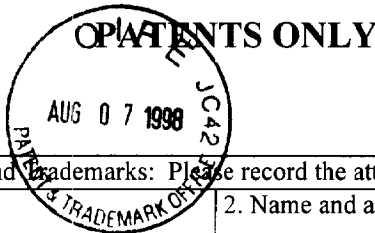
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Our Ref.: 790-842



8/17/98
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Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

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|---|---|
| <p>1. Name of conveying party(ies): Seiji Usami Masashi Miyata Noriaki Itai</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>July 27, 1998</u></p> | <p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Sharp Kabushiki Kaisha</u> Internal Address: _____ Street Address: <u>22-22, Nagaike-cho, Abeno-ku</u> _____ City: <u>Osaka, 545</u> State/Country: <u>Japan</u> Zip: _____</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
|---|---|

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____

| | |
|---|--|
| <p>A. Patent Application No(s). (1) <u>29/085,137</u> (2) _____ (3) _____</p> | <p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
|---|--|

| | |
|--|--|
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Richard G. Besha</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p> | <p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p> |
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9. Statements and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard G. Besha Richard Besha August 7, 1998
Name of Person Signing Signature Date
Reg. No. 22,770

Total number of pages including original cover sheet, attachments, and document: [2]

08/12/1998 PDELQATC 00000015 29085137

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ASSIGNMENT

WHEREAS, **SEIJI USAMI, MASASHI MIYATA** and **NORIAKI ITAI** (hereinafter ASSIGNORS) of **Tochigi-ken, Japan**, have invented a certain improvement in **DIGITAL VIDEO DISK PLAYER**, for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on March 17, 1998;

WHEREAS, **SHARP KABUSHIKI KAISHA** (hereinafter ASSIGNEE), a corporation of **Japan**, having an office and place of business at **22-22, Nagaike-cho, Abeno-ku, Osaka, 545, Japan** 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, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application, and we hereby authorize and request the Commissioner of Patents and Trademark to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives.

AGREED and executed as noted below:

July 27, 1998
Date

Seiji Usami
SEIJI USAMI

July 27, 1998
Date

Masashi Miyata
MASASHI MIYATA

July 27, 1998
Date

Noriaki Itai
NORIAKI ITAI

Witnessed by:

Name: Kenichi Takahashi

Date: July 31, 1998

Name: [Signature]

Date: July 31, 1998