

01-28-1999

Form PTO-1595  
1-31-92

U.S. Department of Commerce  
Patent and Trademark Office



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**PATENTS ONLY**

Our Ref: 790-918

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.

<p>1. Name of conveying party(ies): Yohichi TANIMURA</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: December 4, 1998</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Sharp Kabushiki Kaisha</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>22-22, Nagaike-cho, Abeno-ku</u></p> <p>_____</p> <p>City: <u>Osaka, 545</u></p> <p>State/Country: <u>Japan</u></p> <p>Zip: _____</p> <p>Additional name/s &amp; address/es attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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) 29/096,487          (2) _____          (3) _____</p>	<p>B. Patent No(s).          (1) _____          (2) _____          (3) _____</p>
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Additional numbers attached  Yes  No

<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 &amp; Vanderhye P.C.</u>  <u>1100 North Glebe Road</u>  <u>8<sup>th</sup> Floor</u></p> <p>City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications &amp; 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 <b>Account No. 14-1140.</b></p>
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**DO NOT USE THIS SPACE**

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.

<p><u>Richard G. Besha</u>        Name of Person Signing        Reg. No. 22,770</p>	<p><i>Richard Besha</i>        Signature</p>	<p><u>December 28, 1998</u>        Date</p>
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Total number of pages including original cover sheet, attachments, and document 2

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**ASSIGNMENT**

WHEREAS, **YOHICHI TANIMURA** (hereinafter ASSIGNOR) of **Nara-ken, Japan**, has invented a certain improvement in a **MAGNETIC DISK DRIVE WITH PORTS FOR EXTERNAL EQUIPMENT**, for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on November 13, 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 ASSIGNOR by these presents hereby sells, assigns, and transfers 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 I 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:

December 4, 1998

Date

Yohichi Tanimura  
YOHICHI TANIMURA

Witnessed by:

Name: Yohichi Tanimura

Date: December 17, 1998

Name: [Signature]

Date: December 17, 1998