

09-12-2003

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

<p>1. Name of conveying party(ies): Masao Shimazu Hirokazu Machide</p> <p style="text-align: right; font-size: 2em;">9-5-03</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>August 29, 2003</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</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>
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03916 U.S. PTO
29/189414
09/05/03

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: _____

29189414

<p>A. Patent Application No(s). (1) To be Assigned (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> Internal Address: _____ 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.

<p><u>Richard G. Besha</u> Name of Person Signing Reg. No. 22,770</p>	<p><u>Richard Besha</u> Signature</p>	<p><u>September 5, 2003</u> Date</p>
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Total number of pages including **original** cover sheet, attachments, and document: [3]

09/09/2003 WIKONEN 0000058 29189414
02 FC:0021 40.00 OP

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

WHEREAS, MASAO SHIMAZU and HIROKAZU MACHIDE, (hereinafter ASSIGNORS) of 354-31, Mukaihara, Shimominaga, Saijo-cho, Higashihiroshima-shi, Hiroshima-ken, Japan and 7-6, Higashitsuchido-cho, Onomichi-shi, Hiroshima-ken, Japan, respectively, have made an invention entitled PORTABLE TELEPHONE for which a so-entitled application for Letters Patent of the United States is being concurrently executed herewith;

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 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 authorize and request the Commissioner of Patents and Trademarks 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 & Vanderhuy 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;

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:

August 29, 2003
Date

MASAO SHIMAZU

MASAO SHIMAZU

Witnessed by:

Name: H. Takahashi

Date: September 2, 2003

Name: [Signature]

Date: September 2, 2003

August 29, 2003
Date

HIROKAZU MACHIDE

HIROKAZU MACHIDE

Witnessed by:

Name: H. Takahashi

Date: September 2, 2003

Name: [Signature]

Date: September 2, 2003