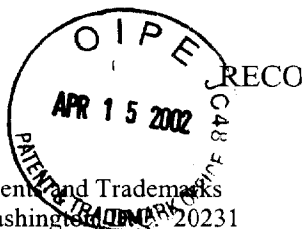


04-19-2002

U.S. Department of Commerce  
Patent and Trademark Office



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Our Ref.: 790-1210

Commissioner of Patents and Trademarks  
Box Assignment, Washington, DC 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):<br/>HISASHI KUNIHIRO<br/>HIROSHI TANISAWA<br/>TAKESHI WAKABAYASHI<br/>HIROSHI KAWAHITO<br/>FUMITO MIZOGUCHI<br/>HIROSHI KUBOTA</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:<br/><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br/><input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name<br/><input type="checkbox"/> Other _____</p> <p>Execution Date: _____ March 25, 2002</p> | <p>2. Name and address of receiving party(ies):</p> <p>Name: SHARP KABUSHIKI KAISHA<br/>Internal Address:<br/>Street Address: 22-22, Nagaike-cho, Abeno-ku</p> <p>City: Osaka<br/>State/Country: Japan<br/>Zip:</p> <p>Additional name/s &amp; 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).<br/>(1) 29/150,038<br/>(2)<br/>(3)</p> | <p>B. Patent No(s).<br/>(1)<br/>(2)<br/>(3)</p> |
|--|---|

Additional numbers attached ☐ Yes ☒ No

|  |  |
|--|--|
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: _____ Richard G. Besha</p> <p>Internal Address: _____</p> <p>Street Address: Nixon &amp; Vanderhye P.C.<br/>1100 North Glebe Road<br/>8<sup>th</sup> Floor</p> <p>City: Arlington State: VA Zip: 22201</p> | <p>6. Total number of applications &amp; patents involved: _____ 1</p> <p>7. Total fee (37 CFR 3.41) \$ _____ 40.00<br/><input checked="" type="checkbox"/> Enclosed<br/><input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, 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>Richard G. Besha<br/>Name of Person Signing<br/>Reg. No. 22,770</p> | <p><br/>Signature</p> | <p>April 15, 2002<br/>Date</p> |
|--|-----------------------|--------------------------------|

Total number of pages including original cover sheet, attachments, and document: [5]

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40.00 DP

PATENT  
REEL: 012796 FRAME: 0704

619815

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

WHEREAS, HISASHI KUNIHIRO, HIROSHI TANISAWA, TAKESHI WAKABAYASHI, HIROSHI KAWAHITO, FUMITO MIZOGUCHI, HIROSHI KUBOTA, (hereinafter ASSIGNORS) of 3535-153, Kobushigaoka, Hayama, Tsugemura, Yamabe-gun, Nara-ken, Japan; 15-21-406, Tomio-kita-3, Nara-shi, Nara-ken, Japan; 6-2-1, Kizugawadai, Kizu-cho, Soraku-gun, Kyoto-fu, Japan; 1-3-23, Hattoridai, Kanmaki-cho, Kitakatsuragi-gun, Nara-ken, Japan; 763-1, Minosho-cho, Yamatokoriyama-shi, Nara-ken, Japan; 2-14-16, Momodani, Ikuno-ku, Osaka-shi, Osaka-fu, Japan, respectively, have made an invention entitled DEVELOPING UNIT FOR AN IMAGE FORMING APPARATUS for which a so-entitled application for Letters Patent, was filed in the United States Patent and Trademark Office on November 1, 2001;

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



March 25, 2002

Date

HIROSHI TANISAWA

HIROSHI TANISAWA

Witnessed by:

Name: H. Takahashi

Date: April 1, 2002

Name: [Signature]

Date: April 1, 2002

March 25, 2002

Date

TAKESHI WAKABAYASHI

TAKESHI WAKABAYASHI

Witnessed by:

Name: H. Takahashi

Date: April 1, 2002

Name: [Signature]

Date: April 1, 2002

March 25, 2002

Date

HIROSHI KAWAHITO

HIROSHI KAWAHITO

Witnessed by:

Name: H. Takahashi

Date: April 1, 2002

Name: [Signature]

Date: April 1, 2002

March 25, 2002

Date

Fumito Mizoguchi

FUMITO MIZOGUCHI

Witnessed by:

Name: H. Takahashi

Date: April 1, 2002

Name: [Signature]

Date: April 1, 2002

March 25, 2002

Date

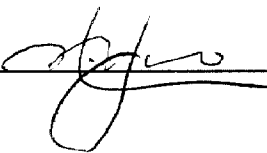
Hiroshi Kubota

HIROSHI KUBOTA

Witnessed by:

Name: H. Takahashi

Date: April 1, 2002

Name: 

Date: April 1, 2002