



RECORD

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10-11-2000



Our Ref.: 790-1040

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

101483577

To the Honorable Commissioner of Patents and Trademarks: please receive the _____ documents or copy thereof.

<p>1. Name of conveying party(ies): MASANAO KIBA MASATSUGU MASUDA MASAHIRO KONISHI HIROKI ORITA</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 4, 2000</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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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>29/123,392</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>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Richard G. Basha</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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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.

Richard G. Basha Richard Basha July 20, 2000
Name of Person Signing Signature Date
Reg. No. 22,770

Total number of pages including **original** cover sheet, attachments, and document: [4]

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

WHEREAS, MASANAO KIBA, MASATSUGU MASUDA, MASAHIRO KONISHI and HIROKI ORITA, (hereinafter ASSIGNORS) of 716-2, Shimotakabatake-cho, Nara-shi, Nara-ken, Japan; 104-1-410, Mimuro, Gose-shi, Nara-ken, Japan; 215-80, Tawaraguchi-cho, Ikoma-shi, Nara-ken, Japan; 549-6, Kaiju, Sakurai-shi, Nara-ken, Japan, respectively, have made an invention entitled LIGHT EMITTING DIODE for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on May 18, 2000;

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 & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR 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:

July 4, 2000 Masanao Kiba
Date MASANAOKIBA

Witnessed by:

Name: H. Takahashi Date: July 7, 2000

Name: [Signature] Date: July 7, 2000

July 4, 2000
Date

Masatsugu Masuda
MASATSUGU MASUDA

Witnessed by:

Name: K. Takahashi

Date: July 7, 2000

Name: [Signature]

Date: July 7, 2000

July 4, 2000
Date

Masahiro Konishi
MASAHIRO KONISHI

Witnessed by:

Name: K. Takahashi

Date: July 7, 2000

Name: [Signature]

Date: July 7, 2000

July 4, 2000
Date

Hiroki Orita
HIROKI ORITA

Witnessed by:

Name: K. Takahashi

Date: July 7, 2000

Name: [Signature]

Date: July 7, 2000