



RECORD

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U.S. Department of Commerce  
Patent and Trademark Office

Our Ref.: 790-1039

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.

1. Name of conveying party(ies):

MASANAO KIBA  
MASATSUGU MASUDA  
MASAHIRO KONISHI  
HIROKI ORITA

2. Name and address of receiving party(ies):

Name: SHARP KABUSHIKI KAISHA  
Internal Address: \_\_\_\_\_  
Street Address: 22-22, Nagaike-cho, Abeno-ku

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Assignment ☐ Change of Name  
☐ Other \_\_\_\_\_

City: Osaka  
State/Country: Japan  
Zip: \_\_\_\_\_

Execution Date: July 4, 2000

Additional name/s & address/es attached? ☐ Yes ☒ No

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: \_\_\_\_\_

A. Patent Application No(s).

- (1) 29/123,349  
(2) \_\_\_\_\_  
(3) \_\_\_\_\_

B. Patent No(s).

- (1) \_\_\_\_\_  
(2) \_\_\_\_\_  
(3) \_\_\_\_\_

Additional numbers attached ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard G. Besha  
Internal Address: \_\_\_\_\_  
Street Address: Nixon & Vanderhye P.C.  
1100 North Glebe Road  
8<sup>th</sup> Floor  
City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00  
☒ Enclosed  
☐ Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency 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.**

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. Besha

Name of Person Signing

Reg. No. 22,770

Richard Besha  
Signature

July 20, 2000  
Date

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 U.S. Patent and Trademark Office on May 17, 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:

<u>July 4, 2000</u> Date	<u>Masanao Kiba</u> MASANAO KIBA
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Witnessed by:

Name: <u>K. Takahashi</u>	Date: <u>July 7, 2000</u>
Name: <u>[Signature]</u>	Date: <u>July 7, 2000</u>

July 4, 2000

Date

Masatsugu Masuda

MASATSUGU MASUDA

Witnessed by:

Name: H. Takahashi

Date: July 7, 2000

Name: [Signature]

Date: July 7, 2000

July 4, 2000

Date

Masahiro Konishi

MASAHIRO KONISHI

Witnessed by:

Name: H. Takahashi

Date: July 7, 2000

Name: [Signature]

Date: July 7, 2000

July 4, 2000

Date

Hiroki Orita

HIROKI ORITA

Witnessed by:

Name: H. Takahashi

Date: July 7, 2000

Name: [Signature]

Date: July 7, 2000