

01-26-2001

ARTMENT OF COMMERCE

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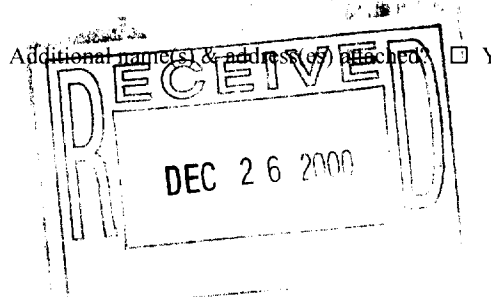


Patent and Trademark Office  
Docket No. 245402001900

101594776

12.26.00

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

<p>1. Name of conveying party(ies): <b>Takayuki YUASA, Atsushi OGAWA, Masahiro ARAKI, Yoshihiro UETA, Yuhzoh TSUDA, Mototaka TANEYA</b></p> <p><input checked="" type="checkbox"/> Individuals      <input type="checkbox"/> Association  <input type="checkbox"/> General Partnership      <input type="checkbox"/> Limited Partnership  <input type="checkbox"/> Corporation-State      <input type="checkbox"/> Other</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <b>Sharp Kabushiki Kaisha</b>  Internal Address: <b>22-22, Nagaike-cho, Abeno-ku, Osaka-shi</b>  City, Country: <b>Osaka, Japan</b></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger  <input type="checkbox"/> Security Agreement      <input type="checkbox"/> Change of Name  <input type="checkbox"/> Other:</p> <p>Execution Date: <b>August 30, 2000</b></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: **August 30, 2000**

A. Patent Application No.(s)      B. Patent No.(s)  
**09/641,876**

Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Thomas E. Ciotti  Morrison &amp; Foerster LLP  755 Page Mill Road  Palo Alto, California 94304-1018</p>	<p>6. Total number of applications and patents involved: One (1)</p> <p>7. Total fee (37 C.F.R. § 3.41): \$40.00</p> <p><input type="checkbox"/> Enclosed  <input checked="" type="checkbox"/> Authorized to be charged to deposit account, referencing Attorney Docket 245402001900</p> <p>8. Deposit account number: <b>03-1952</b></p>
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The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to **Deposit Account No. 03-1952**.

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9. Statement 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.

Name: Thomas E. Ciotti  
Registration No: 21,013

*Thomas E. Ciotti*      12/28/00  
Signature      Date

Total number of pages comprising cover sheet, attachments and document: Three (3)

Mail documents to be recorded with required cover sheet information to:

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**PATENT**  
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ATTORNEY DOCKET NO.

24540-20019.00

## ASSIGNMENT

Application No. 09/641,876

August 18,  
Filed 2000

Insert Name(s)  
of Inventor(s) ➡

WHEREAS, (1) Takayuki YUASA, (2) Atsushi OGAWA,  
(3) Masahiro ARAKI, (4) Yoshihiro UETA, (5) Yuhzoh TSUDA  
and (6) Mototaka TANEYA

Insert Title  
of Invention ➡

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in \_\_\_\_\_

NITRIDE SEMICONDUCTOR LIGHT EMITTING DEVICE

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date  
of Signing of  
Application ➡

on August 30, 2000; and

Insert Name  
of Assignee ➡

WHEREAS, Sharp Kabushiki Kaisha

Insert Address  
of Assignee ➡

of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, Japan

CHECK BOX  
IF APPROPRIATE ➡

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and  in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

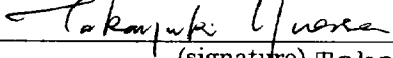
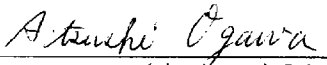
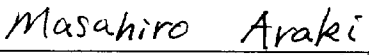
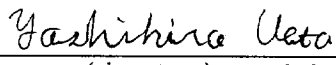
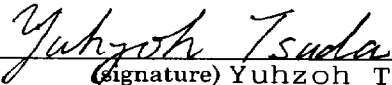
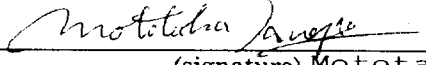
The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Morrison & Foerster LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Date <u>August 30, 2000</u>	Name of Inventor <u></u> (signature) Takayuki YUASA
Date <u>August 30, 2000</u>	Name of Inventor <u></u> (signature) Atsushi OGAWA
Date <u>August 30, 2000</u>	Name of Inventor <u></u> (signature) Masahiro ARAKI
Date <u>August 30, 2000</u>	Name of Inventor <u></u> (signature) Yoshihiro UETA
Date <u>August 30, 2000</u>	Name of Inventor <u></u> (signature) Yuhzoh TSUDA
Date <u>August 30, 2000</u>	Name of Inventor <u></u> (signature) Mototaka TANEYA
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)
Date _____	Name of Inventor _____ (signature)