**PATENT ASSIGNMENT**

**SUBMISSION TYPE:** NEW ASSIGNMENT

**NATURE OF CONVEYANCE:** ASSIGNMENT

**CONVEYING PARTY DATA**

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<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>Yasuji TAKENAKA</td>
<td>07/01/2008</td>
</tr>
</tbody>
</table>

**RECEIVING PARTY DATA**

- **Name:** Sharp Kabushiki Kaisha
- **Street Address:** 22-22, Nagaike-cho, Abeno-ku
- **City:** Osaka-shi, Osaka
- **State/Country:** JAPAN
- **Postal Code:** 545-8522

**PROPERTY NUMBERS** Total: 1

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<tr>
<td>Application Number</td>
<td>12135744</td>
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**CORRESPONDENCE DATA**

- **Fax Number:** (703)760-7777
- **Correspondence will be sent via US Mail when the fax attempt is unsuccessful.**
- **Phone:** 7037607743
- **Email:** IGroetsch@mofo.com
- **Correspondent Name:** Barry E. Bretschneider
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**ATTORNEY DOCKET NUMBER:** 259052007400

**NAME OF SUBMITTER:** Barry E. Bretschneider

Total Attachments: 2

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ASSIGNMENT

Application No. 12/135,744

WHEREAS, Yasuji TAKENAKA

__________________________

__________________________

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

Insert Title of Invention ➔ LIGHT EMITTING DEVICE AND CAMERA-EQUIPPED CELLULAR PHONE INCORPORATING THE SAME

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 _______________________________; and

Insert Name of Assignee ➔ WHEREAS, SHARP KABUSHIKI KAISHA

__________________________

__________________________

Insert Address of Assignee ➔ of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan

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.

CHECK BOX IF APPROPRIATE ➔

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, assigned 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 issue 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 1/7/2008, Name of Inventor

Yasuji TAKENAKA

Yasuji TAKENAKA