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FORM PTO-1595
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U.S. DEPARTMENT OF COMMERCE
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Attorney Docket No. 5000-1-338

To the Assistant Commissioner for Patents

<p>1. Name of conveying party(ies): Jong-Ryeol KIM</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>2. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p>Other: _____</p> <p>Execution Date: <u>February 14, 2003</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>SAMSUNG ELECTRONICS CO., LTD.</u></p> <p>Address: <u>416. MAETAN-DONG, PALDAL-GU</u> <u>SUWON-CITY, KYUNGKI-DO</u> <u>KOREA, REPUBLIC OF KOREA</u></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): 10371049

If this document is being filed together with a new application, the execution date of the application is: February 14, 2003

A. Patent Application No.(s) _____ B. Patent No.(s) _____

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Steve Cha</u></p> <p>Address: <u>CHA & REITER</u> <u>411 Hackensack Avenue, 9th Floor</u> <u>Hackensack, New Jersey 07601</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account, if necessary - for overages or underpayments only</p> <p>8. Deposit account number: <u>502-470</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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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.

Steve Cha, Reg No.44,069 [Signature] 2/20/03
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PATENT
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10/371049
02/20/03

PTO/SB/15

Docket No.: 5000-1-338

Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

Jong-Ryeol KIM of 957-6, Youngtong-dong, Paldal-gu, Suwon-shi, Kyonggi-do,
Republic of Korea

(hereinafter **Assignor**) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONIC CO., LTD. of
416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA
REPUBLIC OF KOREA

(hereinafter **Assignee**) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. § 1.00, in and to the invention entitled as:

DISTRIBUTED BRAGG REFLECTOR LASER AND A METHOD OF MAKING SAME

invented by **Assignor**; the application for United States patent therefor, invented by **Assignor**; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignee** to enter the date of signature and/or Serial Number and Filing Date in the above. **Assignor** also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said **Assignee**, for its interests as **Assignee**, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said **Assignee**; and **Assignor** further conveys to **Assignee** all priority rights resulting from the above-identified application for United States Patent. **Assignor** agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by **Assignee** to perfect **Assignee's** interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and **Assignee's** interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Jong-Ryeol KIM

Jong Ryeol Kim
Signature of inventor

Dated: Feb.14, 2003

WITNESSED: Jong Hee KIM