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Attorney Docket No. 5000-1-307

To the Assistant Commissioner for Patents

1. Name of conveying party(ies):
Joo-Hoon LEE; Duk-Yong CHOI *6.20.03*

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name

Other: _____

Execution Date: June 16, 2003

2. Name and address of receiving party(ies):
Name: SAMSUNG ELECTRONICS CO.; LTD.
Address: 416. MAETAN-DONG, PALDAL-GU
SUWON-CITY, KYUNGKI-DO
KOREA, REPUBLIC OF KOREA

Additional name(s) & address(es) attached? Yes No

16235 U.S. PTO
10/600686
06/20/03

4. Application number(s) or patent number(s): *10600686*
If this document is being filed together with a new application, the execution date of the application is: June 16, 2003
A. Patent Application No.(s)
B. Patent No.(s)

Additional numbers attached? Yes No

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00
 Enclosed
 Authorized to be charged to deposit account, if necessary - for overages or underpayments only

8. Deposit account number: 502-470
(Attach duplicate copy of this page if paying by deposit account)

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

Name: Steve Cha

Address: CHA & REITER
411 Hackensack Avenue, 9th Floor
Hackensack, New Jersey 07601

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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]* 6/20/03
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 3

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

06/24/2003 KZEWDIE 00000083 10600686
02 FC:8021 40.00 DP

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

(BDSM 8)
(9/94)

PATENT
REEL: 014223 FRAME: 0950

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,

- 1) Joo-Hoon LEE of
#206-801, Hyundai Prime APT., Shinjungmaeul, Pungdukchon, Suji-eup, Yongin-shi,
Kyonggi-do, Republic of Korea

- 2) Duk-Yong CHOI of
#503-105, Eunhasuhanyang APT., Buhung-dong, Tongan-gu, Anyang-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:

METHOD FOR FABRICATING PLANAR LIGHT WAVEGUIDE CIRCUITS WITH VERTICAL TAPER STRUCTURE

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: Joo-Hoon LEE

Joo-Hoon Lee
Signature of inventor

Dated: June 16, 2003

WITNESSED: Jong-Hee Kim

Name of Second Inventor: Duk-Yong CHOI

Duk-Yong Choi
Signature of inventor

Dated: June 16, 2003

WITNESSED: Jong-Hee Kim