04-24-2003 Form PTO-1595 U.S. DEPARTMENT OF COMMERCE Rev. 03/01) U.S. Patent and Trademark Office 102429309 DMB No. 0651-0027 (exp. 5/31/2002) Attorney Docket No.: 4611-013 Tab settings ⇒ ⇒ ⇒ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Name: Samsung Electro-Mechanics Co Ltd KIM, Young-Woo CHO, Young-Sang YANG, Dek-Gin YIM, Kyu-Hyok Internal Address: _ 314, Maetan-3dong, Paldal-gu, Suwon-si Additional name(s) of conveying party(ies) attached Y Yes X lo Kyunggi-Do 442-743 Republic of Korea 3. Nature of conveyance: Assignment Merger Street Address: Security Agreement Change of Name same as above City:_____State:____Zip:_ Execution Date: April 2, 2003 Additional name(s) & address(es) attached? 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: 04.02.2003 A. Patent Application No.(s) B. Patent No.(s) dditional numbers attached? ____Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$ 40 Name: WEISZ, Tiberiu **X** Enclosed Internal Address: Gottlieb Rackman & Reisman PC 270 Madison Avenue Authorized to be charged to deposit account New York, NY 10016-0601 USA 8. Deposit account number: Street Address:__ 07-1730 same as above (Attach duplicate copy of this page if paying by deposit account) Zip:_____ State:____ DO NOT USE THIS SPACE

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy

Washington, D.C. 20231

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9. Statement and signature.

NEISZ, Tiberiu Reg No 29,876

is a true copy of the original document.

Name of Person Signing

April 16 2003

Assignment of Executed Patent Application

Date:

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If there is more than one Assignor or Assignee, the words "Assignor" and "Assignee" shall include them.

This assignment relates to a United States patent application signed by Assignor on , 2003 and entitled METHOD OF ATTACHING OPTICAL WAVEGUIDE COMPONENT TO PRINTED CIRCUIT BOARD

This patent application is called "the Patent Application".

Assignor has received Ten Dollars (\$10.00) and other good and valuable consideration for this assignment.

Assignor assigns to Assignee all of Assignor's right, title and interest in the Patent Application, the nvention described and claimed in the Patent Application, and all patents that may issue based on the invention ind on the Patent Application in the United States and in every foreign country. Assignor also assigns to Assignee Ill priority rights in the Patent Application.*

In those countries where permitted, the Assignor authorizes the Assignee to apply for patents for the nvention directly in Assignee's name.* Assignor authorizes the Commissioner of Patents and Trademarks or other overnmental authority to issue all patents for the invention directly to Assignee.

Assignor states that Assignor has the right to grant to Assignee the rights which are assigned by this ssignment. Assignor will sign any additional documents as may be needed to carry out the purpose of this ssignment.

This assignment is binding on all parties who lawfully succeed to the rights of or take the place of assignor or Assignee.

The undersigned hereby grant(s) to the firm of Gottlieb, Rackman & Reisman, 270 Madison Avenue, New ork, New York 10016-0601, the power to insert on this assignment any further identification of the Patent application which may be necessary or desirable in order to comply with the rules of the United States Patent and rademark Office concerning recordation of this document.

PATENT REEL: 013979 FRAME: 0071

^{*} Strike italicized sections only if foreign rights are not intended to be assigned.

The effective date of this assignment is the date at the top of this assignment.

| SIGNATURE(S) | | DATE | | TYPED OR PRINTED NAME(S) | |
|--|--|-------------------------|--|-----------------------------|--|
| 7/2 | or of | 2 April, | 2003 | KIM, Young-Woo | |
| CHO | Middle Initial Last Name Young - Sang Middle Initial Last Name | 2 april, 20 | 03 | CHO, Young-Sang | |
| yon | 9 Dek - Gin Middle Initial Last Name | 2 Apr. 2 | .003 | YANG, Dek-Gin | |
| W | Middle Initial Last Name | 2 Apr. 2 2 April, 20 | 107 | YIM, Kyu-Hyok | |
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