

Attorney Docket No. 084877-000100US

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1. Name of conveying party(ies) Chang-Soo PARK Tae-Young KIM Masanori HANAWA Sun-Jong KIM Swook HANN Won-Taek HAN Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2. Name and address of receiving party(ies) Gwangju Institute of Science & Name: <u>Technology</u> Internal Address: _____ _____ Street Address: <u>1 Oryong-dong</u> <u>Buk-gu</u> City: <u>Gwangju</u> State: _____ Country: <u>Republic of Korea</u> Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>November 24, 2006</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	

4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/564,291</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No.(s)
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5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Steve Y. Cho</u> Internal Address: _____ <u>TOWNSEND AND TOWNSEND AND CREW LLP</u> Street Address: <u>Two Embarcadero Center,</u> <u>Eighth Floor</u> City: <u>San Francisco</u> State: <u>California</u> Zip: <u>94111-3834</u> Phone Number: <u>(206) 467-9600</u> Fax Number: <u>(415) 576-0300</u> Email Address: <u>cmf@townsend.com</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 numbers _____ Expiration Date _____ b. Deposit Account Number <u>20-1430</u> Authorized User Name <u>Townsend and</u> <u>Townsend and Crew LLP</u>
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9. Signature:  _____ Signature <u>Steve Y. Cho</u> Name of Person Signing Atty. Reg. No. <u>44,612</u>	_____ Date <u>January 24, 2007</u> Total number of pages including cover sheet, attachments, and documents: 4
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PATENT

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Attorney Docket No.: 084877-000100US

Client Reference No.:

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Chang-Soo Park of 130-901 Hanbit Apt., Eoeun-dong, Yusung-gu, Daejeon, Republic of Korea; Tae-Young Kim of 48-29, Donam-dong, Soengbuk-gu, Seoul, Korea; Masanori Hanawa of 2-1-12 Asake, Kofu, Yamanashi 400-0862, Japan; Sun-Jong Kim of 303-1804 Majae-maul, Guemho-dong, Seo-gu, Gwangju, Republic of Korea; Swook Hann of E-203 GIST Gihonja Apt., 1, Oryong-dong, Buk-gu, Gwangju, Republic of Korea; and Won-Tack Han of 102-206 Guemgang Apt., 757-7, Wolgye-dong, Gwangsan-gu, Gwangju, Republic of Korea

hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: PHASE CONTROLLABLE OPTICAL DELAY
INTERFEROMETER, OPTICAL DIFFERENTIAL
PHASE SHIFT KEYING DEMODULATOR USING
THE SAME, AND DEMODULATING METHOD
THEREFOR

Date(s) of Execution:

Filing Date: 11/29/06

Application No.: 11/564,291 ; and

WHEREAS, Gwangju Institute of Science & Technology of 1 Oryong-dong, Buk-gu, Gwangju, Korea, Republic of Korea, hereinafter referred to as "ASSIGNEE," is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignees, and Assignees' successors and assigns, all their right, title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignees as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

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Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 24th Nov., 2006


Chang-Soo PARK

Dated: 24th Nov., 2006


Tae-Young KIM

Dated: 24th Nov., 2006


Masanori HANAWA

Dated: 24th Nov., 2006


Sun-Jong KIM

Dated: 24th Nov., 2006


Swook HANN

Dated: 24th Nov., 2006


Won-Taek HAN