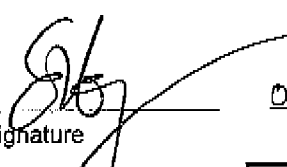


FORM PTO-1595 (Rev. 10/02) OMD No. 0651-0011 (exp. 6/30/2005)		Recordation Form Cover Sheet PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks, Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Byoung Whi Kim; Hyeong Ho Lee; Jae Woo Yang		2. Name and address of receiving party(ies): Name: Electronics and Telecommunications Research Institute Internal Address: _____ Street Address: 161 Gajeong-dong, Yusong-gu City: Daejeon-city State: _____ ZIP: _____ Country: Republic of Korea Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					
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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: _____					
A. Patent Application No.(s) 10/968,423		B. Patent No.(s) _____ _____ _____ _____			
Additional numbers attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Blakely, Sokoloff, Taylor & Zafman LLP Internal Address: _____ Street Address: 12400 Wilshire Boulevard 7th Floor City: Los Angeles State: CA ZIP: 90025		6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: 02-2666 (Attach duplicate copy of this page if paying by deposit account)			
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Eric S. Hyman Name of Person Signing		 Signature		02-09-05 Date	
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ASSIGNMENT

In consideration of the receipt of good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | |
|----------------------------|------------|
| (1) <u>KIM, Byoung Whi</u> | (6) _____ |
| (2) <u>LEE, Hyeong Ho</u> | (7) _____ |
| (3) <u>YANG, Jae Woo</u> | (8) _____ |
| (4) _____ | (9) _____ |
| (5) _____ | (10) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto
Electronics and Telecommunications Research Institute of 161 Gajeong-dong
Yusong-gu, Daejeon-city, Rep. of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

WDM-PON SYSTEM BASED ON WAVELENGTH-TUNABLE EXTERNAL CAVITY
 LASER LIGHT SOURCE

(a) for which an application for United States Letters Patent was filed on 10/18/2004, and identified by United States Serial No. 10/968,423 ;
 or

(b) for which an application for United States Letters Patent was executed on _____

and the undersigned hereby authorize and request the United States Commissioner of Patent and Trademarks to issue any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED of the dates indicated aside our signatures:

INVENTORSDATE SIGNED

1) Kim Byoung whi
 Name: KIM, Byoung Whi

11/26/2004

2) Hyeong Ho Lee
 Name: LEE, Hyeong Ho

11/26/2004

3) Yang Jae Woo
 Name: YANG, Jae Woo

11/26/2004

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