

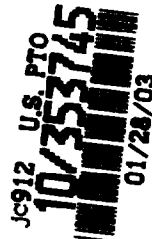
02-06-2003



IN THE U.

102358362

ADEMARK OFFICE



In Re the Application of:)
)
 LEE et al.)
)
 Serial No.: Not yet assigned)
)
 Filed: Herewith)
)
 Atty. File No.: 4735KAI-1)
)
 For: "A METHOD FOR DECREASING)
 AND COMPENSATING THE)
 TRANSMISSION LOSS AT A)
 WAVELENGTH-DIVISION-)
 MULTIPLEXED PASSIVE OPTICAL)
 NETWORK AND AN APPARATUS)
 THEREFOR")

Group Art Unit:

Examiner:

RECORDATION OF ASSIGNMENT

EXPRESS MAIL #190611920US

10353745

BOX ASSIGNMENTS

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

1-28-03

Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):

Chang Hee LEE
Tae Won OH
Kwant Uk CHU

2. Name and address of receiving party(ies):

Korea Advanced Institute of Science and Technology
373-1, Kusong-dong, Yusong-ku
Taejon 305-701, Republic of Korea

3. Nature of Conveyance:

- | | | | |
|-------------------------------------|--------------------|--------------------------|----------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other: _____ | | |

02/06/2003 ECDOPER 00000662 10353745

Execution Date: January 20, 2003

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40.00 BP

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: January 30, 2003
A. Patent Application No.(s): None.
B. Patent No.(s): None.

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

Bradley M. Knepper, Esq.
Sheridan Ross P.C.
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141

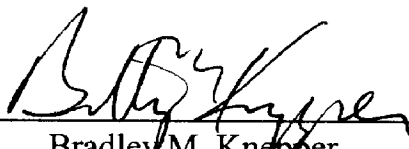
6. Total number of applications and patents involved: 1.
7. Total fee (37 CFR 3.41).....\$40.00.
 Enclosed
 Any deficiency in payment of recording fee is authorized to be charged to Deposit Account.
 Authorized to be charged to deposit account.
8. Deposit account number: 19-1970.
9. Statement and signature.

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.

Total number of pages including cover sheet, attachments and document: 5

Respectfully submitted,

SHERIDAN ROSS P.C.

By: 
Bradley M. Knepper
Registration No. 44,189
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
(303) 863-9700

Date: January 28, 2003

ASSIGNMENT

WHEREAS, we,
LEE, Chang Hee
OH, Tae Won
CHU, Kwang Uk

have invented a certain new and useful invention entitled **A METHOD FOR DECREASING AND COMPENSATING THE TRANSMISSION LOSS AT A WAVELENGTH-DIVISION-MULTIPLEXED PASSIVE OPTICAL NETWORK AND AN APPARATUS THEREFOR**, for which an application for Letters Patent of the United States has been prepared for filing, said application being identified as Attorney File No. 4735/KAI-1 and executed on even date herewith;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee,

a company organized under the laws of state of Korea

KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY

having a place of business at:

373-1, KUSONG-DONG, YUSONG-KU, TAEJON, 305-701, REPUBLIC OF KOREA

its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Korea Advanced Institute of Science & Technology (Assignee), its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: January 20, 2003
Daejon-city, 305-345, Republic of Korea

By 110-102, Hanul A.P.T., Shinseong-dong, Yusong-gu,

Print Name: LEE, Chang Hee

Lee Chang Hee

Date: January 20, 2003
Republic of Korea

By: 1910-45, Songhyun-2dong, Dalsu-gu, Daegu-city, 704-342,

Print Name: OH, Tae Won

OH Tae Won

Date: January 20, 2003
Daejon-city, 305-333, Republic of Korea

By: 102-604, Hanvit A.P.T., 99 Uheun-dong, Yusong-gu,

Print Name: CHU, Kwang Uk

Chu K.U.