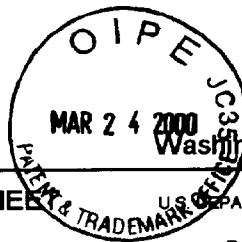


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2. Name of Conveying Party(ies):

KIM, SEUNG-KWAN
LEE, DONG-HO
KIM, JAE-GEUN

Additional Name(s) of conveying party(s) attached? Yes No

3. Name and Address of Receiving Party(ies):

Name: **ELECTRONICS and TELECOMMUNICATIONS RESEARCH INSTITUTE**
Street Address: **161 Kajong-dong, Yusong-gu,**
City: **Taejon**
State/Country: **Korea** Zip: _____
Additional name(s) & address(es) attached? Yes No

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A. Patent Application No.(s)

09482351

B. Patent No.(s)

6 Name and address of party to whom correspondence concerning this matter should be mailed:

CUSTOMER NUMBER 00136
or
JACOBSON, PRICE, HOLMAN & STERN, PLLC
400 Seventh Street, N.W.
Washington, DC 20004
Tel. 202-638-6666

Attorney Docket No. **P64395US0**

7. Number of applications and patents

1

8. Total fee (37 CFR 3.41) \$ **40.00**

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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.

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Signature

March 24, 2000

Date

Total number of pages including cover sheet: **-2-**

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UNITED STATES OF AMERICA-ASSIGNMENT

(1-6) Insert Name(s) of Inventors

- (1) KIM, SEUNG-KWAN
(2) LEE, DONG-HO
(3) KIM, JAE-GEUN
(4)
(5)
(6)

In consideration of the sum of one dollar (\$1.00), and other good and valuable consideration to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned agree(s) to assign, transfer and set over to

(7) Insert Name of assignee

(7) ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

(8) Insert Address of Assignee

(8) of 161 Kajong-dong, Yusong-gu, Taejon, Korea

(9) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan)

(9) a Corporation of Republic of Korea

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, territories, dependencies and possessions, in the invention known as

(10) insert Identification of Invention, such as Title, Case Number or Foreign Application Number

(10) WIDEBAND MULTICHANNEL FIBER LASERS WITH OUTPUT POWER EQUALIZATION

for which the undersigned has (have) executed an application for patent in the United States of

(11) Insert Date of Signing of Application, or filing date and Serial No. if known

(11) Said application having been executed/filed on January 14, 2000 (and a Serial No 09/482,351)

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or division thereof and also to execute separate assignments in connection with such application as the Assignee may deem necessary or expedient

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared, application or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with provisions of the International Union for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of this and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) no other interest in the same which will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the law firm of Jacobson, Price, Holman & Stern, 400 Seventh Street, N.W., Washington, D.C. power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s)

Date 99. 12. 29. Name of Inventor KIM, SEUNG-KWAN typed name (SEAL)
Date 99. 12. 29. Name of Inventor LEE, DONG-HO typed name (SEAL)
Date 99. 12. 30 Name of Inventor KIM, JAE-GEUN typed name (SEAL)
Date Name of Inventor typed name (SEAL)
Date Name of Inventor typed name (SEAL)
Date Name of Inventor typed name (SEAL)
Date Name of Inventor typed name (SEAL)

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if signed in the United States. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign

A additional inventor's names and signatures Witness PARK, KEUM-JUN (SEAL)

Witness CHO, JAE-HONG (SEAL)

LAW OFFICES OF JACOBSON, PRICE, HOLMAN & STERN THE JENIFER BUILDING 400 SEVENTH STREET, N.W. WASHINGTON, D.C. 20004