

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Joon Tae AHN</td><td>12/02/2010</td></tr><tr><td>Hong-Seok SEO</td><td>12/02/2010</td></tr><tr><td>Bong Je PARK</td><td>12/02/2010</td></tr><tr><td>Dae Kon OH</td><td>12/02/2010</td></tr></tbody></table>		Name	Execution Date	Joon Tae AHN	12/02/2010	Hong-Seok SEO	12/02/2010	Bong Je PARK	12/02/2010	Dae Kon OH	12/02/2010
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Joon Tae AHN	12/02/2010										
Hong-Seok SEO	12/02/2010										
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Dae Kon OH	12/02/2010										
RECEIVING PARTY DATA											
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE										
Street Address:	161, Gajeong-dong, Yuseong-gu										
City:	Daejeon										
State/Country:	REPUBLIC OF KOREA										
Postal Code:	305-700										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12963471</td></tr></tbody></table>		Property Type	Number	Application Number:	12963471						
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Application Number:	12963471										
CORRESPONDENCE DATA											
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ATTORNEY DOCKET NUMBER:	KOR-226										
NAME OF SUBMITTER:	Steven M. Rabin										
Total Attachments: 2											

OP \$40.00 12963471

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PATENT
REEL: 025468 FRAME: 0356

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Attorney reference _____

Client Reference: IP20100237

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS _____ hereinafter referred to collectively as the assignor, has invented a certain improvement relating to **DOUBLE CLAD FIBER LASER DEVICE**

[x] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[] said application having been filed in the United States Patent and Trademark Office on _____ authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr., Allen Wood, Alun L. Palmer, and Phillip G. Avruch of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (_____) the application serial number of said application when known;

[] said application having been filed under the Patent Cooperation Treaty on _____, Serial No. _____ the United States of America being designated.

AND WHEREAS **Electronics and Telecommunications Research Institute of 161, Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea**, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 2 day of December, 2010.

WITNESSES:

Signature: _____

Name: _____

Address: _____

ASSIGNOR:

Signature: AHN

Name: AHN, Joon Tae

WITNESSES:

Signature: _____

Name: _____

Address: _____

PATENT

REEL: 025468 FRAME: 0358

Attorney Reference _____

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WITNESSES:

Signature: _____

Name: _____

Address: _____

ASSIGNOR:

Signature: SEO, Hong-Seok

Name: SEO, Hong-Seok

WITNESSES:

Signature: _____

Name: _____

Address: _____

WITNESSES:

Signature: _____

Name: _____

Address: _____

ASSIGNOR:

Signature: Pong Je

Name: PARK, Bong Je

WITNESSES:

Signature: _____

Name: _____

Address: _____

WITNESSES:

Signature: _____

Name: _____

Address: _____

ASSIGNOR:

Signature: Oh, D.K.

Name: OH, Dae Kon

WITNESSES:

Signature: _____

Name: _____

Address: _____