

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Duk-Jun KIM</td> <td>08/20/2008</td> </tr> <tr> <td>Jung-Ho SONG</td> <td>08/20/2008</td> </tr> <tr> <td>Jong-Moo LEE</td> <td>08/20/2008</td> </tr> <tr> <td>Junghyung PYO</td> <td>08/20/2008</td> </tr> <tr> <td>Gyung-Ock KIM</td> <td>08/20/2008</td> </tr> </tbody> </table>		Name	Execution Date	Duk-Jun KIM	08/20/2008	Jung-Ho SONG	08/20/2008	Jong-Moo LEE	08/20/2008	Junghyung PYO	08/20/2008	Gyung-Ock KIM	08/20/2008
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RECEIVING PARTY DATA													
Name:	Electronics and Telecommunications Research Institute												
Street Address:	161 Gajeong-dong, Yusong-gu												
City:	Daejeon												
State/Country:	REPUBLIC OF KOREA												
Postal Code:	305-350												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12199517</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12199517								
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CORRESPONDENCE DATA													
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NAME OF SUBMITTER:	Steve Y. Cho												

OP \$40.00 12199517

Total Attachments: 2

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Duk-Jun KIM of #101-1405, Hwangsil Town Apt., Wolpyeong-dong, Seo-gu Daejeon 302-280, Republic of Korea; and Jung-Ho SONG of #102, 145-1, Sinseong-dong, Yuseong-gu, Daejeon 305-345, Republic of Korea; and Jong-Moo LEE of #103-902, Yeolmae Maeul Apt., Jijok-dong, Yuseong-gu, Daejeon 305-330, Republic of Korea. Junghyung PYO of #203-302, Hyundai 2cha Apt., Dohwa2-dong, Mapo-gu, Seoul 121-040, Republic of Korea; and Gyung-Ock KIM of #101-805, Sinseong Apt., 622, Sinsa-dong, Gangnam-gu, Seoul 135-120, 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: **WAVEGUIDE STRUCTURE AND ARRAYED WAVEGUIDE GRATING STRUCTURE**

Date(s) of Execution of Declaration: 2008.8.20

Filing Date: 08/27/2008

Application No.: 12/199,517; and

WHEREAS, **Electronics and Telecommunications Research Institute of 161, Gajeong-dong, Yuseong-gu, Daejeon 305-350, 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.

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.


2008 . 08 . 20
Date: _____


Name: KIM, Duk-Jun


08 . 8 . 20
Date: _____


Name: SONG, Jung-Ho


08 . 8 . 20
Date: _____


Name: LEE, Jong-Moo

08 . 8 . 20
Date: _____


Name: PYO, Junghyung

08 . 8 . 20 .
Date: _____


Name: KIM, Gyung-Ock