

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<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>Sung-Chang Kim</td> <td>03/12/2009</td> </tr> <tr> <td>Bin-Yeong Yoon</td> <td>03/16/2009</td> </tr> <tr> <td>Yong-Tae Kim</td> <td>03/12/2009</td> </tr> <tr> <td>Geun-Yong Kim</td> <td>03/12/2009</td> </tr> <tr> <td>Bong-Tae Kim</td> <td>03/16/2009</td> </tr> </tbody> </table>		Name	Execution Date	Sung-Chang Kim	03/12/2009	Bin-Yeong Yoon	03/16/2009	Yong-Tae Kim	03/12/2009	Geun-Yong Kim	03/12/2009	Bong-Tae Kim	03/16/2009
Name	Execution Date												
Sung-Chang Kim	03/12/2009												
Bin-Yeong Yoon	03/16/2009												
Yong-Tae Kim	03/12/2009												
Geun-Yong Kim	03/12/2009												
Bong-Tae Kim	03/16/2009												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Electronics and Telecommunications Research Institute												
<b>Street Address:</b>	161, Gajeong-dong, Yuseong-gu												
<b>City:</b>	Daejeon												
<b>State/Country:</b>	REPUBLIC OF KOREA												
<b>Postal Code:</b>	305-350												
<b>PROPERTY NUMBERS Total: 1</b>													
<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>12443416</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12443416								
Property Type	Number												
Application Number:	12443416												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(408)720-8383												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	310-207-3800												
<b>Email:</b>	alexis_karriker@bstz.com												
<b>Correspondent Name:</b>	Blakely , Sokoloff, Taylor & Zafman LLP												
<b>Address Line 1:</b>	1279 Oakmead Parkway												
<b>Address Line 4:</b>	Sunnyvale, CALIFORNIA 94085-4040												
<b>ATTORNEY DOCKET NUMBER:</b>	005895.P118												
<b>NAME OF SUBMITTER:</b>	Farzad E. Amini												

CH \$40.00 12443416

Total Attachments: 2

source=5895p118\_assignment\_032709#page1.tif

source=5895p118\_assignment\_032709#page2.tif

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) KIM, Sung-Chang (5) KIM, Bong-Tae  
 (2) YOON, Bin-Yeong (6) \_\_\_\_\_  
 (3) KIM, Yong-Tae (7) \_\_\_\_\_  
 (4) KIM, Geun-Yong (8) \_\_\_\_\_

who have made a certain new and useful invention, hereby sell, assign and transfer unto  
ELECTRONICS & TELECOMMUNICATIONS RESEARCH INSTITUTE  
161 Gajeong-dong, Yuseong-gu, Daejeon 305-350, Republic 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 AUTOMATIC OPTICAL POWER CONTROL METHOD FOR OLT IN PON

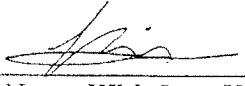
- (a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. 12/943,416;  
 or  
 (b) for which an application for United States Letters Patent was executed on \_\_\_\_\_

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;

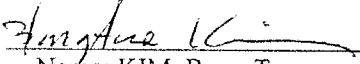
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, 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:

<u>INVENTORS</u>	<u>DATE SIGNED</u>
1) <u>Sung Chang</u> Name: KIM, Sung-Chang	<u>12/ March / 2009</u>
2) <u>[Signature]</u> Name: YOON, Bin-Yeong	<u>16/ March / 2009</u>
3) <u>[Signature]</u> Name: KIM, Yong-Tae	<u>12/ March / 2009</u>

4)   
Name: KIM, Geun-Yong

12/March/2009 IP20060184A

5)   
Name: KIM, Bong-Tae

March 16, 2009