

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Myung Hyun LEE</td><td>12/13/2006</td></tr><tr><td>Suntak PARK</td><td>12/14/2006</td></tr><tr><td>Jung Jin JU</td><td>12/13/2006</td></tr><tr><td>Min Su KIM</td><td>12/13/2006</td></tr><tr><td>Seung Koo PARK</td><td>12/14/2006</td></tr></tbody></table>	Name	Execution Date	Myung Hyun LEE	12/13/2006	Suntak PARK	12/14/2006	Jung Jin JU	12/13/2006	Min Su KIM	12/13/2006	Seung Koo PARK	12/14/2006	
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RECEIVING PARTY DATA													
Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE												
Street Address:	161 GAJEONG-DONG, YUSEONG-GU												
City:	DAEJEON												
State/Country:	KOREA, REPUBLIC OF												
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>11677087</td></tr></tbody></table>	Property Type	Number	Application Number:	11677087									
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Application Number:	11677087												
CORRESPONDENCE DATA													
Fax Number:	(312)427-6663												
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NAME OF SUBMITTER:	Richard J. Streit												
Total Attachments: 2 source=cu5557assign#page1.tif													

CH 11677087 \$40.00

500228860

PATENT  
REEL: 018929 FRAME: 0268



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**UNITED STATES OF AMERICA**  
**ASSIGNMENT**

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In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

**ASSIGNOR:**

**LEE, Myung Hyun**

117-803 Hanbit Apt., Eoeun-dong, Yusong-gu  
Daejeon-city, Republic of Korea

**PARK, Sunkak**

103-1102 Keunmaeul Apt. 1418 Galma-dong, Seo-gu  
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**JU, Jung Jin**

103-1401 Sanga Apt., Mannyeon-dong, Seo-gu  
Daejeon-city, Republic of Korea

**KIM, Min Su**

109-1502 Hanbit Apt., Eoeun-dong, Yusong-gu  
Daejeon-city, Republic of Korea

**PARK, Seung Koo**

115-507 Hwangsil town 302 Wolpyung-dong, Seo-gu  
Daejeon-city, Republic of Korea

hereby sells, assigns and transfers to

**ASSIGNEE:**

**Electronics and Telecommunications Research Institute**

161 Gajcong-dong, Yusong-gu, Daejeon-city, Republic of Korea

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the Application entitled

OPTOELECTRIC PRINTED CIRCUIT BOARD, METHOD OF MANUFACTURING  
THE SAME, AND OPTOELECTRIC TRANSMISSION METHOD USING THE  
OPTOELECTRIC PRINTED CIRCUIT BOARD

which application was

☒ (a) executed by the undersigned on even date herewith

☐ (b) filed as Serial No. \_\_\_\_\_ on \_\_\_\_\_

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

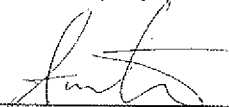
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, we have set our hand and seal

2006-12-13  
Date

  
LEE, Myung Hyun


2006-12-14  
Date

  
PARK, Sunkak

2006-12-13  
Date

  
JU, Jung Jin

2006-12-13  
Date

  
KIM, Min Su

2006-12-14  
Date

  
PARK, Seung Koo