

# PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Geun Ju Kim	01/10/2008
Yun Sik Jin	01/11/2008
Seok Gy Jeon	01/10/2008
Jung Il Kim	01/10/2008
RECEIVING PARTY DATA	
Name:	Korea Electrotechnology Research Institute
Street Address:	28-1, Sungju-dong, Changwon-si
City:	Gyeongsangnam-do
State/Country:	REPUBLIC OF KOREA
Postal Code:	641-120
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11981653
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	4366-073816
NAME OF SUBMITTER:	Richard L. Byrne Reg. No. 28,498
Total Attachments: 3	

OP \$40.00 11981653

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**PATENT**  
**REEL: 020460 FRAME: 0103**

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**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

Geun Ju KIM  
Yun Sik JIN  
Seok Gy JEON  
Jung Il KIM

**2. Name and address of receiving party(ies)**

Name: **KOREA ELECTROTECHNOLOGY  
RESEARCH INSTITUTE**

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Street Address: **28-1, Sungju-dong, Changwon-si**

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) **January 10, 2008; January 11, 2008;  
January 10, 2008, January 10, 20089,  
respectively**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

City: **Gyeongseongnam-do**

State: \_\_\_\_\_

Country: **Republic of Korea** Zip: **641-120**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document is being filed together with a new application.

A. Patent Application No.(s)  
**11/981,653**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: **Richard L. Byrne**  
Internal Address: **The Webb Law Firm**  
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**436 Seventh Avenue**  
City: **Pittsburgh**  
State: **PA** Zip: **15219**  
Phone Number: **412-471-8815**  
Fax Number: **412-471-4094**  
Email Address: **webblaw@webblaw.com**

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_**

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers **1059**  
Expiration Date **08/2010**  
b. Deposit Account Number **23-0650**  
Authorized User Name \_\_\_\_\_

**9. Signature:**

  
Signature

**February 4, 2008**  
Date

**Richard L. Byrne, Registration No. 28,499**  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

**3**

**ASSIGNMENT**

WHEREAS, we, Geun Ju KIM, Yun Sik JIN, Seok Gy JEON and Jung Il KIM, residing in Samsung Apt. 7-707, Mandeok 2-dong, Buk-gu, Busan 616-758, Republic of Korea; Lotte Apt. 14-202, Yongho-dong, Changwon-si, Gyeongsangnam-do 641-784, Republic of Korea; Korea Electrotechnology Research Institute Apt. Ga-305, 13-7, Gaeumjeong-dong, Changwon-si, Gyeongsangnam-do 641-110, Republic of Korea; and Korea Electrotechnology Research Institute Apt. Ga-501, 13-7, Gaeumjeong-dong, Changwon-si, Gyeongsangnam-do 641-110, Republic of Korea, respectively, have co-invented, certain new and useful improvements in ROTARY OPTICAL DELAY LINE, for which an application was filed on October 31, 2007, in the United States Patent and Trademark Office, bearing Application No. 11/981,653;

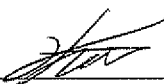
AND, WHEREAS, KOREA ELECTROTECHNOLOGY RESEARCH INSTITUTE, having a place of business at 28-1, Sungju-dong, Changwon-si, Gyeongsangnam-do 641-120, Republic of Korea, hereinafter called the "assignee", is desirous of acquiring an undivided, one-half interest in the right and title in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to each other, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee an undivided one-half interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this partial assignment not been made.

The Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignees to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

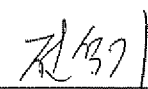
Dated 2008. 1. 10

  
\_\_\_\_\_  
Geun Ju KIM

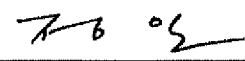
Dated 2008. 1. 11

  
\_\_\_\_\_  
Yun Sik JIN

Dated 2008. 1. 10

  
\_\_\_\_\_  
Seok Gy JEON

Dated 2008. 1. 10

  
\_\_\_\_\_  
Jung Il KIM

Witness \_\_\_\_\_