

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Won-Jae SHIN	11/03/2009
Tae-Won YUNE	11/03/2009
Gi Hong IM	11/03/2009
Chang Yong SHIN	11/03/2009
Dongsik KIM	11/03/2009

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742
City:	Suwon-si
State/Country:	REPUBLIC OF KOREA

Name:	POSTECH ACADEMY-INDUSTRY FOUNDATION
Street Address:	Pohang Univ. of Science & Technology, San 31, Hyoja-dong, Nam-gu, Pohang-si, Gyeongsangbuk-do 790-784
City:	Pohang-si
State/Country:	REPUBLIC OF KOREA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12614503

CORRESPONDENCE DATA

Fax Number: (202)315-3758
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 202-429-0020
 Email: info@nsiplaw.com
 Correspondent Name: North Star Intellectual Property Law, PC
 Address Line 1: P.O. Box 34688

OP \$40.00 12614503

501009607

**PATENT
 REEL: 023487 FRAME: 0864**

Address Line 4: Washington DC, DISTRICT OF COLUMBIA 20043

ATTORNEY DOCKET NUMBER:

12000.SMG.0622

NAME OF SUBMITTER:

Charles Y. Park

Total Attachments: 7

source=AssignmentSMG622#page1.tif

source=AssignmentSMG622#page2.tif

source=AssignmentSMG622#page3.tif

source=AssignmentSMG622#page4.tif

source=AssignmentSMG622#page5.tif

source=AssignmentSMG622#page6.tif

source=AssignmentSMG622#page7.tif

ASSIGNMENT

For valuable consideration, We,

- (1) Name: **Won-Jae SHIN**
Address: A-510, Samsung Advanced Institute of Technology
Dormitory, Mt. 14-1, Nongseo-dong, Giheung-gu, Yongin-
si, Gyeonggi-do 446-712, Republic of Korea
Nationality: Republic of Korea
- (2) Name: **Tae-Won YUNE**
Address: No.19-108, Pohang Univ. of Science & Technology
Student Dormitory, Hyoja-dong, Nam-gu,
Pohang-si, Gyeongsangbuk-do 790-784,
Republic of Korea
Nationality: Republic of Korea
- (3) Name: **Gi Hong IM**
Address: No. 8-1402, Gyosu Apt., 756 Jigok-dong,
Nam-gu, Pohang-si, Gyeongsangbuk-do 790-751,
Republic of Korea
Nationality: Republic of Korea
- (4) Name: **Chang Yong SHIN**
Address: No. 201-1102, Daechi Woosung 2-Cha Apt., Daechi 3-
dong, Gangnam-gu, Seoul 135-519, Republic of Korea
Nationality: Republic of Korea
- (5) Name: **Dongsik KIM**
Address: 762 Wonsan-ri, Uiheung-myeon, Gunwi-gun,
Gyeongsangbuk-do 716-861, Republic of Korea
Nationality: Republic of Korea

hereby assign to:

SAMSUNG ELECTRONICS CO., LTD., a Republic of Korea corporation

having principal executive offices at:

416, Maetsun-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742,
Republic of Korea; and

POSTECH ACADEMY-INDUSTRY FOUNDATION, a Republic of Korea

corporation having principal executive offices at:

Pohang Univ. of Science & Technology, San 31, Hyoja-dong, Nam-gu,
Pohang-si, Gyeongsangbuk-do 790-784, Republic of Korea; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Application Number 12,614,503 filed 11/09/2009 at the U.S. Patent & Trademark Office signed by us, with title COMMUNICATION DEVICE AND RELAY DEVICE, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application serial number of said application when known; this Assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal this 27th day of November, 2009

Signature: 
Won-Jae SHIN

City of _____ :

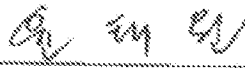
:

Country of _____ :

Before me this _____ day of _____, 2009, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 3rd day of November 2009 2009

Signature: 
Tse-Won YUNE

City of _____ :

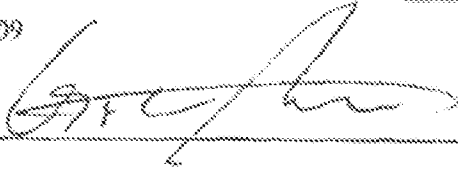
:

Country of _____ :

Before me this _____ day of _____, 2009, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 31st day of November, 2009

Signature: 
Gi Hong IM

City of _____ :

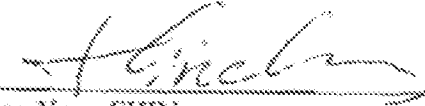
:

Country of _____ :

Before me this _____ day of _____, 2009, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 3rd day of Nov, 2009

Signature: 
Chang Yong SHIN

City of _____ :

_____ :

Country of _____ :

Before me this _____ day of _____, 2009, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

Witness or Notary Public

IN WITNESS WHEREOF, I hereto set my hand and seal this 7th day of November, 2009

Signature: [Handwritten Signature]
Dongsik KIM

City of _____ :

:

Country of _____ :

Before me this _____ day of _____, 2009, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that they executed the same as his free act and deed for the purposes therein contained.

Witness or Notary Public