

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kyung-Jin BYUN	10/15/2007
Bon-Tae KOO	10/15/2007
Nak-Woong EUM	10/15/2007
RECEIVING PARTY DATA	
Name:	Electronics and Telecommunications Research Institute
Street Address:	161 Gajeong-dong, Yuseong-gu
City:	Daejeon
State/Country:	KOREA, REPUBLIC OF
Postal Code:	305-350
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11936672
CORRESPONDENCE DATA	
Fax Number:	(202)408-0924
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	202-371-8976
Email:	firm@rabinberdo.com
Correspondent Name:	Rabin & Berdo, P.C.
Address Line 1:	1101 14th St. N.W.
Address Line 2:	Suite 500
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20005
ATTORNEY DOCKET NUMBER:	SHIN-116
NAME OF SUBMITTER:	Steven M. Rabin - 29,102
<p>Total Attachments: 2</p> <p>source=SHIN-116_ASS#page1.tif</p>	

OP \$40.00 11936672

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**PATENT**  
**REEL: 020081 FRAME: 0659**



**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT**

WHEREAS Kyung-Jin BYUN, Bon-Tae KOO, and Nak-Woong EUM,

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to APPARATUS FOR CONTROLLING POWER MANAGEMENT OF DIGITAL SIGNAL PROCESSOR AND POWER MANAGEMENT SYSTEM

AND METHOD USING THE SAME  
[X] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[x] said application having been filed in the United States Patent and Trademark Office on November 7, 2007, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr., Phillip G. Avruch, and Allen Wood of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (Application Serial No. 11/936,672) the application serial number of said application when known;

AND WHEREAS ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of Daejeon, Republic of Korea, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 15 day of Oct., 2007.

**WITNESSES:**

Signature: [Signature]  
Name: KIM, Hyang-Sil  
Address: Seoul, Korea

Signature: [Signature]  
Name: Kim Ji-Yun  
Address: Seoul, Korea

**ASSIGNOR:**

Signature: [Signature]  
Name: BYUN, Kyung-Jin

RABIN & BERDO, P.C., Washington, D.C.

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

WITNESSES:

Signature: Kim  
Name: KIM, Hyang-Gil  
Address: Seoul, Korea

Signature: [Signature]  
Name: Kim, Ji-Yun  
Address: Seoul, Korea

WITNESSES:

Signature: Kim  
Name: KIM, Hyang-Gil  
Address: Seoul, Korea

Signature: [Signature]  
Name: Kim, Ji-Yun  
Address: Seoul, Korea

WITNESSES:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_

RABIN & BERDO, P.C., Washington, D.C.

ASSIGNOR:

Signature: Koo  
Name: KOO, Bon-Tae

ASSIGNOR:

Signature: NakWoong Eun  
Name: EUM, Nak-Woong

ASSIGNOR:

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_