

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Pan-Soo KIM	06/03/2009
Dae-Ig CHANG	06/03/2009
Deock-Gil OH	06/03/2009
Sangtae KIM	06/03/2009
Seokheon KANG	06/03/2009
Wonjin SUNG	06/03/2009

RECEIVING PARTY DATA

Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE
Street Address:	161 Gajeong-dong, Yuseong-gu
City:	Daejeon
State/Country:	REPUBLIC OF KOREA
Postal Code:	305-350

Name:	INDUSTRY-UNIVERSITY COOPERATION FOUNDATION SOGANG UNIVERSITY
Street Address:	Sogang Univ., 1-1, Sinsu-dong, Mapo-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	121-742

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12518242

CORRESPONDENCE DATA

Fax Number: (202)408-0924
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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OP \$40.00 12518242

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-299NP
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NAME OF SUBMITTER:	Steven M. Rabin
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Total Attachments: 4 source=SHIN-299NP_ASG1#page1.tif source=SHIN-299NP_ASG1#page2.tif source=SHIN-299NP_ASG2#page1.tif source=SHIN-299NP_ASG2#page2.tif
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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS KIM, Pan-Soo, CHANG, Dae-Iq, OH, Deock-Gil, KIM, Sangtae, KANG, Seokheon, and SUNG, Wonjin, hereinafter referred to collectively as the assignor, has invented a certain improvement relating to FRAME SYNCHRONIZATION AND STRUCTURE DETECTION METHOD IN DVB-S2 SYSTEM,

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;

said application having been filed in the United States Patent and Trademark Office on _____, 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. _____) the application serial number of said application when known;

AND WHEREAS ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE of Daejeon, Republic of Korea and Industry-University Cooperation Foundation Sogang University of Seoul, 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 3rd day of June, 2009.

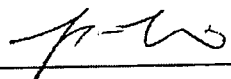
WITNESSES:

Signature: _____

Name: _____

Address: _____

ASSIGNOR:

Signature  _____

Name: KIM, Pan-Soo _____

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2


WITNESSES:

Signature: 

Name: _____

Address _____

ASSIGNOR:

Signature: 

Name: CHANG, Dae-Ig


WITNESSES:

Signature: _____

Name: _____

Address _____

ASSIGNOR:

Signature: 

Name: OH, Deock-Gil

WITNESSES:

Signature: _____

Name: _____

Address _____

ASSIGNOR:

Signature: _____

Name: KIM, Sangtae

WITNESSES:

Signature: _____

Name: _____

Address _____

ASSIGNOR:

Signature: _____

Name: KANG, Seokheon

WITNESSES:

Signature: _____

Name: _____

Address _____

ASSIGNOR:

Signature: _____

Name: SUNG, Wonjin

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

1/05

Attorney Reference _____

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[] said application having been filed in the United States Patent and Trademark Office on _____, 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. _____) the application serial number of said application when known;

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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 3rd day of June, 2009.

WITNESSES:

Signature: _____

Name: _____

Address: _____

ASSIGNOR:

Signature _____

Name: KIM, Pan-Soo

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

WITNESSES:

Signature: _____

Name: _____

Address _____

ASSIGNOR:

Signature: _____

Name: CHANG, Dae-Iq

WITNESSES:

Signature: _____

Name: _____

Address _____

ASSIGNOR:

Signature: _____

Name: OH, Deock-Gil

WITNESSES:

Signature: _____

Name: _____

Address _____

ASSIGNOR:

Signature: *Kim*

Name: KIM, Sangtae

WITNESSES:

Signature: _____

Name: _____

Address _____

ASSIGNOR:

Signature: *Kang*

Name: KANG, Seokheon

WITNESSES:

Signature: _____

Name: _____

Address _____

ASSIGNOR:

Signature: *Sung*

Name: SUNG, Wonjin

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

수신시각 6월 4일 3:05PM