PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEUN SIK LEE	12/01/2014
BYUNG SUN KIM	12/01/2014

RECEIVING PARTY DATA

Name:	KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY	
Street Address:	373-1, GUSEONG-DONG, YUSEONG-GU, DAEJEON, 305-701	
City:	DAEJEON	
State/Country:	KOREA, REPUBLIC OF	
Name:	KOREAN BROADCASTING SYSTEM	
Name: Street Address:	KOREAN BROADCASTING SYSTEM 18 BUN-JI, YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL, 150-790	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13202906

CORRESPONDENCE DATA

Fax Number: (202)315-3758

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2024290020 pto@nsiplaw.com

Correspondent Name: NSIP LAW

Address Line 1: 1120 CONNECTICUT AVE, NW, SUITE 304

Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	280090.0001
NAME OF SUBMITTER:	LOREN H. TUNG
SIGNATURE:	/Loren H. Tung/
DATE SIGNED:	01/12/2015

Total Attachments: 2

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PATENT REEL: 034683 FRAME: 0615

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PATENT REEL: 034683 FRAME: 0616

Attorney Docket: 280090.0001

ASSIGNMENT

For valuable consideration, we,

2-706, 12 Yeouinaru-ro, Yeongdeungpo-gu

LEE, Keun Sik

Seoul, 150-887

Republic of Korea

KIM, Byung Sun

511-302 333 Gyeongui-ro, Ilsandong-gu

Goyang-si, Gyeonggi-do, 410-709

Republic of Korea

hereby assign to:

Korea Advanced Institute of Science and Technology

373-1, Guseong-dong, Yuseong-gu Daejeon, 305-701 Republic of Korea

And

Korean Broadcasting System

18 Bun-ji, Yeouido-dong, Yeongdeungpo-gu Seoul, 150-790 Republic of Korea

and their successors and assigns (collectively hereinafter called "the Assignees"), the entire right, title, and interest throughout the world in the inventions and improvements that are the subject of U.S. Patent Application Number 13/202,906 filed October 10, 2011 in the U.S. Patent & Trademark Office, signed by us and entitled:

VIDEO ENCODING METHOD FOR ENCODING DIVISION BLOCK, VIDEO DECODING METHOD FOR DECODING DIVISION BLOCK, AND RECORDING MEDIUM FOR IMPLEMENTING THE SAME

We authorize and request the attorneys appointed in said application to hereafter complete this Assignment by inserting above the application number and filing date of said application when known, and to correct any typographical errors that may be discovered in this Assignment; 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

Page 1 of 2

Attorney Docket: 280090.0001

the Assignees 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 TESTIMONY/WITNESS Whereof, we, the undersigned inventors (Assignors), intending to be legally bound, have hereto affixed our signatures.

This 15t day of 2014

LEE, Keun Sik

This <u>/st</u> day of <u>Dec.</u>, 2014

KIM, Byung Sun