503509833 10/05/2015 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3556459

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYA	NCE:		ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Ν	lame			Execution Date
MIN-WOO PARK						10/05/2015
JAE-WON YOON						10/05/2015
JIN-YOUNG LEE						10/05/2015
BYEONG-DOO CHOI						10/05/2015
HO-CHEON WEY						10/05/2015
YONG-JIN CHO						10/05/2015
RECEIVING PARTY DA	ТА					
Name:		JNG E	LECTRONICS CO., LTD.			
Street Address:	129, SA	AMSUN	IG-RO, YEONGTONG-GU	GYEC	NGGI-DC)
City:	suwor	N-SI				
State/Country:	KOREA	A, REP	UBLIC OF			
Postal Code:	16677					
	10077					
PROPERTY NUMBERS			Number			
PROPERTY NUMBERS Property Type	Total: 1	14782	Number			
PROPERTY NUMBERS Property Type Application Number:	Total: 1	14782				
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PATENT REEL: 036729 FRAME: 0633

This document serves as an Oath/Declaration (37 CFR 1.63).

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Docket No.: Q211341 Samsung Ref.: MH2013040241US1 Only After Sept 16, 2012 US Rights Only

ASSIGNMENT WITH DECLARATION FOR PATENT APPLICATION (37 CFR 1.63)

특허 출원 관련 양도 및 선언 (연방규칙집 제 37 조 1.63 항)

Korean Language Assignment with Declaration

이하 양도인으로 지칭되는 하기 서명 발명자인 본인(들)은 아래에 명시된 출원에서서 술한 특정개선을 발명하였으므로 그리고

_____에 소재한 _____(양수인)는(은) 출원 및 발명의 그리고 이에 따라 획득될 일제의 미국 특허에 대한 모든 권리, 소유권 및 이권을 획득하기를 원하므로,

이제대가를위한그수령을인정합니다.

상기 양도인인 본인(들)은 상기 명칭의 양수인, 그 승계자 및 그 양수인에게모든분할과그연속을 포함하여 미국용으로 공개된 출원과 발명그리고그에 대해승인될수 있는미국의모든 특허증서와 미합중국 코드 제 35 장 제\$119 항에 의거한 우선권 청구권과 과거의 손해에 대한 소송권을 포함한 모든 그 재발행에 대한 전체 권리, 소유권 및 이권을 판매, 양도 및 이전하며 그리고 본인(들)은 출원서에 제시된 발명에 대해 승인된 일체의 특허증서를 양수인, 그 승계자 또는 그 양수인에게 발급하도록 미국 특허청장에게 요청하는 바이며 또한 본인(들)은 양수인의 요청할 경우 미국 출원과 관련하여 양수인이 필요하다고 생각하는모든서류를 더이상의 보수 없이 서명날인할 것입니다.

공인은 기록을 위해 요구되지는 않지만 미합중국 코드 제 35 장 제\$261 항에의거서명날인에대한일응의증기입니다)

본인은아래성명의발명자로서다음과같이선언합니다.

본양도및선언서는다음사항을위한것입니다.

□ 첨부출원또는

□ 미합중국출원또는PCT 국제출원번호:_____ 출원일:_____

본출원의제목은다음과같습니다.

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, <u>SAMSUNG ELECTRONICS CO., LTD. of 129</u>. <u>Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677</u>. <u>Republic of Korea</u>, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 USC 119 and the right to sue for past damages, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to:

- The attached application, or
- United States Application or PCT International Application Number <u>PCT/KR2014/002996</u> filed on <u>April 7, 2014</u>.

The application is entitled:

INTERLAYER VIDEO ENCODING METHOD AND APPARATUS AND INTERLAYER VIDEO DECODING METHOD AND APPARATUS FOR COMPENSATING LUMINANCE DIFFERENCE

Korean Language Assignment with Declaration

위에 표시된 출원은 본인이 신청하였거나 또는 신청하도록 허가를 받았습니다.

본인은, 본인이 본 출원에서 청구된 발명의 원 발명자 또는 원 공동 발명자라고믿습니다.

본인은 본 양도 및 선언서 제출과 관련된 출원의 내용을 검토하였으며 아울리 이해합니다.

본인은 연방 규정 코드 제 37 장 제 156 항에 규정된 바에 따라, 특허성의 판단에 중요한본인이 아는 모든 정보를 특허청에 공개할 의무가 있음을 알고 있습니다.

본 양도 및 선언서 내에 의도적 허위 진술이 있을 경우 미합중국 코드 제 18장의 1001 항에 의거 벌금이나 5 년 이하의 징역 또는 두 가지 처벌을 모두 받을 수 있음을 인정합니다. The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b):

The assignment with declaration is an accurate translation of the corresponding English language assignment with declaration.

Signature Date

Anglymake March 17, 2014

NAME OF SOLE OR FIRST INVENTOR: 단독 혹은 최초 발명자의 성명	
Given Name (first and middle [if any]) 이름(성씨는 제외) Min-woo	Pamily Name or Surname ·兮(姓) PARK
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inventor's signature 할명자의 서명	Date 일과
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	PATENT
(Page 3)	REEL: 036729 FRAME: 063

· 이름(성씨는 제외)	Family Name or Surname 名(姓) DADE
39389-200	EARN.
inventor's signature 알랭자의 서명	Date 입자
Residence: 거우지: Hwassong-si, Republic of Korea	
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NAME OF SECOND INVENTOR: 두번째 발명자의 성명	
Olven Name (first and middle [if any]) 이용(성제는 제외)	Panilly Name or Surname (#) YOON
inventor's signature 알뱅겨의 건명	Date October t, 2015
Residence: 거주지: Scoul, Republic of Korea	
Mailing Address: 우편 주소: #323-304, 62, Jamsil-to, Songpa-gu, Secul	. Republic of Korea
NAME OF THIRD INVENTOR: 예번째 발명가의 성명	
Jiven Name (first and middle [if any]) 기름(성씨는 게의)	Passily Name or Surname
aventor's signature 압명자의 저명	Date 일자
Residence: 역주지: Hwaseong-si, Republic of Korea	
Mailing Address:	
2. 12. 2	I. Hwaseong-si, Gyeonggi-do, Republic of Korca
) 전 후소: #364-2502, 6-59, Dongtangongwon-ro 1-gi IAME OF FOURTH INVENTOR:	l, Hwaseong-si, Gyeonggi-do, Republic of Korea
우편 주소: #364-2502, 6-59, Dongtangongwon-ro 1-gi IAME OF FOURTH INVENTOR: 1번째 발명자의 성명 liven Name (first and middle [if any])	Family Name or Surname
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)·편 주소: #364-2502, 6-59, Dongtangongwon-ro 1-gi IAME OF FOURTH INVENTOR: 세번째 발명자의 성명 liven Name (first and middle [if any]) 비름(성씨는 제외) Bycong-doo rventor's signature 남명자의 서명 esidence:	Family Name or Surname 考(姓) CHOI Date
[편 주소: #364-2502, 6-59, Dongtangongwon-ro 1-gi IAME OF FOURTH INVENTOR: [1번째 발명자의 성명 livea Name (first and middle [if any]) [1톱(성씨는 제외) Bycong-doo rventor's signature 알명자의 서명 esidence: [1주지: Surwon-si, Republic of Korea failing Address:	Family Name or Surname 성(姓) CHOI Date 일자
부권 주소: #364-2502, 6-59, Dongtangongwon-ro 1-gi IAME OF FOURTH INVENTOR: 대전책 발명자의 성명 liven Name (first and middle [if any]) [몸(성씨는 제고]) Bycong-doo rventor's signature 알명자의 서명 esidence: [주지: Suwon-si, Republic of Korea tailing Address: - 전 주소: 842-1303, 26, Yeongtong-ro 290beon-gil, Y AME OF FIFTH INVENTOR:	Family Name or Surname 考(姓) CHOI Date
부현 주소: #364-2502, 6-59, Dongtangongwon-ro 1-gi AAME OF FOURTH INVENTOR: 대전해 발명자의 정명 livea Name (first and mildle [if any]) 비름(정씨는 제의) Bycong-doo nventor's signature 알명자의 서명 lesidence: 남주지: Suwon-si, Republic of Korea Aalling Address: 무전구소: 842-1303, 26, Yeongtong-ro 290beon-gil, Y IAME OF FIFTH INVENTOR: 남섯번째 발명자의 정명 liven Name (first and mildle [if any])	Family Name or Surname 성(姓) CHOI Date 일자
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부원 주소: #364-2502, 6-59, Dongtangongwon-ro 1-gi IAME OF FOURTH INVENTOR: 대전재 발명자의 성명 liven Name (first and mikille [if any]) 니름(성씨는 제의) Bycong-doo rventor's signature 알명자의 서명 esidence: 너무지: Suwon-si, Republic of Koren tailing Address: 그런 주소: 842-1303, 26, Yeongtong-ro 290beon-gil, Y AME OF FIFTH INVENTOR: 나섯번째 발명자의 성명 iven Name (first and middle [if any]) [등(성씨는 책의) Ho-cheon eventor's signature 1명 자의 서명	Family Name or Surname 정(姓) CHOI Date 일자 Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea Pamily Name or Surname 신(姓) WEY Date
부원 주소: #364-2502, 6-59, Dongtangongwon-ro 1-gi KAME OF FOURTH INVENTOR: 세컨제 발명자의 성명 Niven Name (first and mildle [if any]) 네봅(성씨는 계의) Bycong-doo nventor's signature 을명자의 서명 tesidence: 나주지: Survon-si, Republic of Korea failing Address: 는전 주소: 842-1303, 26, Yeongtong-ro 290beon-gil, Y TAME OF FIFTH INVENTOR: 누전 주소: 842-1303, 26, Yeongtong-ro 290beon-gil, Y TAME OF FIFTH INVENTOR: 누전 부 책 발명자의 성명 niven Name (first and middle [if any]) 니름(성씨는 책의) Ho-cheon ventor's signature 당명자의 서명 esidence: 내주지: Seongnam-si, Republic of Korea tailing Address:	Family Name or Surname 讨(姓) CHOI Date 되자 ····································
부원 주소: #364-2502, 6-59, Dongtangongwon-ro 1-gi IAME OF FOURTH INVENTOR: 세선제 발명자의 성명 liven Name (first and mildle [if any]) 네른(성제는 제의) Bycong-doo nventor's signature 알명자의 석명 lesidence: 너무지: Suwon-si, Republic of Koren failing Address: 신전 주소: 842-1303, 26, Yeongtong-ro 290beon-gil, Y AME OF FIFTH INVENTOR: 남섯번째 발명자의 성명 liven Name (first and middle [if any]) 금(성제는 책의) Ho-cheon wentor's signature 1평가의 서평 esidence: [국지: Seongnam-si, Republic of Korea lailing Address:	Family Name or Surname 讨(姓) CHOI Date 되자 ····································
부런 구소: #364-2502, 6-59, Dongtangongwon-ro 1-gi NAME OF FOURTH INVENTOR: 세번째 발명자의 정명 Niven Name (first and middle [if any]) 기름(성씨는 계의) Bycong-doo nventor's signature 발명자의 서명 Residence: 가루지: Suwon-si, Republic of Korea Aailing Address: 구편 구소: 842-1303, 26, Yeongtong-ro 290beon-gil, Y IAME OF FIFTH INVENTOR: 구성번째 발명자의 성명 Niven Name (first and middle [if any]) 1름(성씨는 책의) Ho-cheon nventor's signature 1명자의 서명 esidence: 1명자의 서명	Family Name or Surname 讨(姓) CHOI Date 되자 ····································

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NAME OF SOLE OR FIRST INVENTOR: 단독 혹은 최초 발명자의 성명	
Given Name (first and middle [if any]) 이름(성씨는 제외) Min-woo	Family Name or Surname 성(姓) PARK
Inventor's signature 발명자의 서명	Date 일자
Residence: 거주지: Hwaseong-si, Republic of Korea	
Mailing Address: 우편 주소: #307-404, 88, Byeongjeom 3-ro, Hwaseong-si, Gyeo	nggi-do, Republic of Korea
NAME OF SECOND INVENTOR: 두번째 발명자의 성명	
Given Name (first and middle [if any]) 이름(성씨는 제외) Jae-won	Family Name or Surname 성(姓) YOON
Inventor's signature 발명자의 서명	Date 일자
Residence: 거주지: Seoul, Republic of Korea	
Mailing Address: 우편 주소: #323-304, 62, Jamsil-ro, Songpa-gu, Seoul, Republic	e of Korea
NAME OF THIRD INVENTOR: 세번째 발명자의 성명	
Given Name (first and middle [if any]) 이름(성씨는 제외) Jin-young	Family Name or Surname 성(姓) LEE
Inventor's signature 발명자의 서명	Date 일자
Residence: 거주지: Hwaseong-si, Republic of Korea	
Mailing Address: 우편 주소: #364-2502, 6-59, Dongtangongwon-ro 1-gil, Hwased	ong-si, Gyeonggi-do, Republic of Korea
NAME OF FOURTH INVENTOR: 네번째 발명자의 성명	
Given Name (first and middle [if any]) 이름(성씨는 제외) Byeong-doo	Family Name or Surname 성(姓) CHOI
Inventor's signature Byong dies (ho)	Date 일자 OCA - 5 20/5
Residence: 거주지: Suwon-si, Republic of Korea	
Mailing Address: 우편 주소: 842-1303, 26, Yeongtong-ro 290beon-gil, Yeongtong	g-gu, Suwon-si, Gyeonggi-do, Republic of Korea
NAME OF FIFTH INVENTOR: 다섯번째 발명자의 성명	
Given Name (first and middle [if any]) 이름(성씨는 제외) Ho-cheon	Family Name or Surname 성(姓) WEY
Inventor's signature 발명자의 서명	Date 일자
Residence: 거주지: Seongnam-si, Republic of Korea	
Mailing Address: 우편 주소: #212-502, 50, Gumi-ro, Bundang-gu, Seongnam-si, (Gyconggi-do, Republic of Korea
En congram si, c	
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NAME OF SOLE OR FIRST INVENTOR: 단독 혹은 최초 발명자의 성명	
Given Name (first and middle [if any]) 이름(성씨는 제외) Min-woo	Family Name or Surname 성(姓) PARK
Inventor's signature 발명자의 서명	Date 일자
Residence: 거주지: Hwaseong-si, Republic of Korea	1
Mailing Address: 우편 주소: #307-404, 88, Byeongjeom 3-ro, Hwaseong-si, Gyeot	negi-do, Republic of Korea
NAME OF SECOND INVENTOR: 두번째 발명자의 성명	
Given Name (first and middle [if any]) 이름(성씨는 제외) Jae-won	Family Name or Surname 성(姓) YOON
Inventor's signature 발명자의 서명	Date 일자
Residence: 거주지: Seoul, Republic of Korea	
Mailing Address: 우편 주소: #323-304, 62, Jamsil-ro, Songpa-gu, Seoul, Republic	of Korea
NAME OF THIRD INVENTOR: 세번째 발명자의 성명	
Given Name (first and middle [if any]) 이름(성씨는 제외) Jin-voung	Family Name or Surname ダ(姓) LEE
Inventor's signature 발명자의 서명	Date 일자
Residence: 거주지: Hwaseong-si, Republic of Korea	
Mailing Address: 우편 주소: #364-2502, 6-59, Dongtangongwon-ro 1-gil, Hwaseo	ng-si. Gyeonggi-do. Republic of Korea
NAME OF FOURTH INVENTOR: 네번째 발명자의 성명	
Given Name (first and middle [if any]) 이름(성씨는 제외) Byeong-doo	Family Name or Surname 성(姓) CHOI
Inventor's signature 발명자의 서명	Date 일자
Residence: 거주지: Suwon-si, Republic of Korea	
Mailing Address: 우편 주소: 842-1303, 26, Yeongtong-ro 290beon-gil, Yeongtong	-gu, Suwon-si, Gyeonggi-do, Republic of Korea
NAME OF FIFTH INVENTOR: 다섯번째 발명자의 성명	
Given Name (first and middle [if any]) 이름(성씨는 제외) Ho-cheon	Family Name or Surname ダ(姓) WEY
Inventor's signature 발명자의 서명	Date 일자 Oct.,5,2015
Residence: 거주지: Seongnam-si, Republic of Korea	
Mailing Address: 우편 주소: #212-502, 50, Gumi-ro, Bundang-gu, Seongnam-si, C	Jyeonggi-do, Republic of Korea
	DATENT
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NAME OF SIXTH INVENTOR: 여섯번째 발명자의 성명			
Given Name (first and middle [if any]) 이름(성씨는 제외) Yong-jin	Family Name o 성(姓)	or Surname CHO	
nventor's signature 활명자의 서명		Date থ্রস্ট 2015.10.05	
esidence: 주거: Seoul, Republic of Korea			
failing Address: 느낀 주소: #2-1402, 43, Dokseodang-m 62-gil, Seong	dang.m. Sead Republic	of Kapes	
	dong-ga, scoar, republic		
	(Duga A)		
RECORDED: 10/05/2015	[Page 4]	PATENT REEL: 036729 FRAM	E. 0/