PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kyoung Hoon KIM	04/10/2009
Jun Ho YANG	04/10/2009
Yun Je KANG	04/10/2009

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	416, MAETAN-DONG, YEONGTONG-GU
Internal Address:	SUWON CITY
City:	KYUNGKI-DO
State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29335486

CORRESPONDENCE DATA

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Total Attachments: 3

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Practitioner's Docket No. UD 051979-0		PATENT
		[] U.S. Application or [] U.S. Provisional Application [] U.S. Patent [] PCT Application
	By:	Multi Inventors
ASSIGNM	ENT OF	INVENTION
In consideration of the payment by ASSI the receipt of which is hereby acknowledged		ASSIGNOR of the sum of One Dollar (\$1.00), other good and valuable consideration,
ASSIGNOR (Inventors):		
NAME : Kyoung Hoon KIM ADD. : 903ho Changwon Apt. 767-1 N NATIONALITY: Korean	⁄Iajang-d	ong Sungdong-gu Seoul Korea
NAME: JUN HO YANG ADD.: 103-107 Saetbulmaullife Apt. E Do, Korea NATIONALITY: Korean	Bundang-	Dong, Bundang-Gu, Sungnam-City, Kyungki-
NAME: Yun Je, KANG ADD.: 524-1005, Samsung-5cha Apt.	Jinsanma	aul, Pungdukchunri, Sugiup, Kyunggi-do,

Added page(s) for signature by subsequent inventors. Number of pages added

Korea

NATIONALITY: KOREAN

(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

Recorded on	Recorded on Reel Frame			
hereby sells, ass ASSIGNEE:	igns and transfers to	SAMSUNG ELECTRONICS CO., LTD (type or print name(s) of ASSIGNEE(S))		
		416, Maetan-Dong, Yeongtong-Gu, Suwon-City, <u>Kyungki-Do, Republic of Korea</u> Address <u>KOREAN</u> Nationality		
and the succe	ssors, assigns and legal repr	resentatives of the ASSIGNEE		
	(comple	ete one of the following)		
[] a	he entire right, title and international networks and its territorial posse	percent (%) right, title and interest		
	(check the following box,	if foreign rights are also to be assigned)		
		ncluding all rights to claim priority, in and to any and all closed in the invention entitled:		
	TV RE	CEIVER		
Name of inver	ntor(s) <u>Kyoung Hoon KIM</u>	I; JUN HO YANG; and Yun Je, KANG		
	(check and compl	lete (a), (b), (c), (d), (e), (f) or (g))		
and which is fou	nd in (37 C.F.R. 3.21)			
	x] Not yet filed U.S. pa	tent application executed on even date herewith		
	-	tent application executed on		
(c) [ovisional application naming the above inventor(s) for		
	ASSIGNOR attorney to in they become	with 37 C.F.R. 3.21 for recordal of this assignment, I, an signing below, hereby authorize and request my assert below the filing date and application number when a known.		
(d) [U.S. patent or provis filed on	ional patent application no.		
	International applica U.S. patent no [] A change of	tion no. PCT// issued address to which correspondence is to be sent regarding enance fees is being sent separately.		

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(g)	[]	and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or reexamination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

NOTE:

RECORDED: 04/16/2009

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Kyoung Hoon KIM (type n ame of Assignor)	Signature of ASSIGNOR	this ARL. 10, 2009 date of signing
JUN HO YANG (type n ame of Assignor)	Signature of ASSIGNOR	this ARL. 10, 2009 date of signing
Yun Je, KANG (type n ame of Assignor)	Kang- Signature of ASSIGNOR	this <u>ARL. 10, 2009</u> date of signing
(if ASSIGNOR is a	a legal entity, complete the following information)
	(type or print the name of authorized to sign on beha	

[] Notarization or Legalization Page Added.

Title

No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

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