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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Seung Hee HAN	10/07/2011
Hyun Soo KO	10/07/2011
Jae Hoon CHUNG	10/07/2011
Moon II LEE	11/30/2011

RECEIVING PARTY DATA

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Street Address:	20 Yeouido-dong, Yeongdeungpo-gu	
City:	Seoul	
State/Country:	REPUBLIC OF KOREA	
Postal Code:	: 150-721	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13380498

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NAME OF SUBMITTER:	Harry S. Lee

Total Attachments: 2

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PATENT REEL: 027437 FRAME: 0269 IOP \$40.00 13380498

ASSIGNMENT

(1-8)	Insert Name(s) of Invento	r(s) (1) HAN	, Seung Hee	(5)		
		(2) KO,	Hyun Soo	(6)		
		(3) CHU	NG, Jae Hoon	(7)		
		(4) LEE,	Moon II	(8)		
		conside	rations paid to eac		.00) and other good and valuab the undersigned agree(s) to assign	
(9)	insert name of Assignee	(9) LC	ELECTRONICS I	NC.		
(10)	Insert state of Incorporation Assignee	on of (10) Re	epublic of Korea			
(11)	Insert address of Assigne	e (11) 20	Yeouido-dong, Ye	eoungdeungpo-gu, Sec	oul 150-721 Republic of Korea	
			ifter designated as vention known as	the Assignee) the enti	e worldwide right, title and interest	
(12)	Insert identification of Inve such as Title, Case Numb Foreign Application Numb	er or ANTEN	ETHOD AND APP NA SYSTEM	ARATUS FOR UPLIN	K TRANSMISSION IN A MULTI-	
	,	(Applica for whic States o	tion Serial No. h the undersigned if America and all p or based thereon.) has (have) executed a patent applications in fo	n application for patent in the Unite oreign countries corresponding	d
(13)	Insert Date of Signing of Application	(13)				
and assig	The undersign continuing United States nments in connection with s	and foreign appl	lications for the a	bove-identified inven	with any original, reissue, division tion and also to execute separa expedient.	ial ite
decla	The undersign red concerning this applica alning evidence and going	tion or continuatio	n or division thered	ecessary in connection of and to cooperate wit	with any interference which may lead the Assignee in every way possit	be olc
in cor	The undersign nection with claims or prov	ed agree(s) to exertisions of the Inter	ecute all papers an national Conventio	d documents and perf n for Protection of Indu	orm any act which may be necessa strial Property or similar agreemen	ıry ts.
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said / intere The t this s	nts of the United States res Assignee, as Assignee of t est herein assigned, and the undersigned hereby app	sulting from said a the entire interest, at he has (they hav oints the Attorn dentification whic	pplication or any d and hereby cover /e) not executed ar eys Associated th may be necest	ivision or divisions or nants that he has (the ny agreement in conflic with Customer No. sary or desirable in c	f Patents to issue any and all Lette continuing applications thereof to the have) full right to convey the ent therewith. 035884 the power to insert on rider to comply with the rules of	he ire
Date:	2.0cf.vol	Signature of Inver	itor			
Date:	1th. oct. 2011.	Signature of Inver	ntor	180/		_
Date:	10ct., 2011	Signature of Inver	ntor	thron Ol	}	
Date:	· · · · · · · · · · · · · · · · · · ·	Signature of Inver	ntor			.ecer

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		ASSIGNME	VT
(1-8)	Insert Name(s) of Inventor(s)	(1) HAN, Soung Hee	(5)
		(2) KO, Hyun Soo	· (6)
		(3) CHUNG, Jae Hoon	(7)
		(4) LEE, Moon II	(8)
			m of one dollar (\$1.00) and other good and valuable of the undersigned, the undersigned agree(s) to assignate and set over to
(9)	Insert name of Assignee	(9) LG ELECTRONICS II	(C.
(10)	Insert state of Incorporation o Assignee	f (10) Republic of Korea	·
(11)	Insert address of Assignee	(11) 20 Yeouido-dong, Ye	pungdeungpo-gu, Seoul 150-721 Republic of Korea
		(hereinafter designated as t in the invention known as	he Assignee) the entire worldwide right, title and interest
(12)	Insert identification of Inventic such as Title, Case Number o Foreign Application Number	17 A to compare to the party processories to	RATUS FOR UPLINK TRANSMISSION IN A MULTI-
	Totaliji, rippinopilor Hariba	(Application Seriel No. for which the undersigned h States of America and all pa thereto or based thereon.) as (have) executed an application for patent in the United Itent applications in foreign countries corresponding
(13)	Insert Date of Signing of Application	(13)	· ,
and (The undersigned a ontinuing United States and	agree(s) to execute all papers ne foreign applications for the al applications as the Assignee ma	pessary in connection with any original, reissue, division to execute invention and also to execute separate deem necessary or expedient.
decla in obt	The undersigned a red concerning this application ainling evidence and going forw	or continuation or division thereof	essary in connection with any interference which may be and to cooperate with the Assignee in every way possible.
In cor	The undersigned a mection with claims or provision	agree(s) to execute all papers and ns of the International Convention	documents and perform any act which may be necessar for Protection of Industrial Property or similar agreement
Unite	The undersigned a d States patent to the Assignee		acts which may be necessary to obtain a grant of a vali
said / intere The u this a	its of the United States resulting Assignee, as Assignee of the east herein assigned, and that he undersigned hereby appoint assignment any further identi	ig from said application or any dis entire interest, and hereby covena has (they have) not executed any is the Attorneys Associated v	vith Customer No. 035884 the power to insert on ury or desirable in order to comply with the rules of
Date:	Sign	ature of Inventor	
Date:	Sign	ature of Inventor	
Date:	Sign	ature of Inventor	
Date:	30 Nov. 201 Sign	ature of Inventor	1/2

PATENT REEL: 027437 FRAME: 0271

RECORDED: 12/22/2011