502998954 09/30/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3045554

SUBMISSION TYPE:		NEW ASSIGNMENT	
ATURE OF CONVEYAN	ICE:	ASSIGNMENT	
CONVEYING PARTY DA	ATA		
		Name	Execution Date
JINSOO CHOI			08/21/2014
SEUNGHEE HAN			08/28/2014
JINSAM KWAK			09/05/2014
YONGHO SEOK			09/04/2014
JEONGKI KIM			08/21/2014
RECEIVING PARTY DA	ТА		
Name:		CTRONICS INC.	
Street Address:	128 YE	OUI-DAERO, YEONGDEUNGPO-GU	
City:	SEOUL		
State/Country:	KOREA	, REPUBLIC OF	
Postal Code:	150-72 ⁻	1	
Property Type		Number	
Application Number:		14389581	
	<u>ата</u>		
CORRESPONDENCE D		(202)496-7756	
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39,581	, Filed	Se	ptember 30, 2014), and
ELECTRONICS II	NC.			
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	s "ASSIGNEE") ha	ELECTRONICS INC. s "ASSIGNEE") having a place	ELECTRONICS INC. s "ASSIGNEE") having a place of by	

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignce of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

Page 1 of 2

DC:51019503.1

ieongki.kim/김정기/10.177.62.134/2014-08-21 15:47

Docket No.: 8737.01018.US00

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 2014. 8.21	At
	(Signature of Inventor)
	Jinsoo CHOI
Date!	
	(Signature of Inventor)
	Seunghee HAN
Date:	
	(Signature of Inventor)
	Jinsam KWAK
Date:	
	(Signature of Inventor)
	Yongho SEOK
Date: >0/K- f -2/	C C
······	(Signature of Inventor)
	Jeongki Kim

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

Page 2 of 2

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WHEREAS,	I (WE)	Jinsoo CHO SEOK and	, 0		IAN; Jinsam KW	AK; Y	ongho
						, resp	ectively,
have invented cert	ain new a	ind useful imp	rovements ir	I;		- }	
METHOD ANI) APPAI		TRANSCE N SYSTEM	VI	ING BEACON IN	N WIRI	ELESS
for which an appli	cation for	r Letters Paten	t was execut	ed	on		
(Application No.	14/389,	581	, File	xd	September 30, 2	2014), and
WHEREAS,	LG EL	ECTRONICS	SINC.		·		l
(hereinafter referre	ed to as "	ASSIGNEE")	having a pla	ce (of business at:		
20 Yeouido-dong,	Yeongde	ungpo-gu, Se	oul 150-721,	Ke	orea		

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

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Date:	
	(Signature of Inventor)
	Jinsoo CHOI
Date:	
	(Signature of Inventor)
	Seunghee HAN
Date:	
Date,	(Signature of Inventor)
	Jinsam KWAK
Dato: Sep 04, 2014	85-
	(Signature of Inventor)
	Yongho SEOK
Date:	
Date.	(Signature of Inventor)
	Jeongki Kim
	A MARKA A MARKA

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

Page 2 of 2

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WHEREAS,	I (WE)	1	OI; Seunghee I Jeongki KIM		N; Jinsam KWA	K; Yor	igho
		L				, respec	tively,
have invented cert	ain new a	ind useful im	provements in:		<i>-</i>		
METHOD ANI		LA	N SYSTEM			WIRE	ESS
(Application No.	14/389,	581	, Filed	1 8	September 30, 20	14), and
WHEREAS.	LGEL	ECTRONIC	S INC.		***************************************	***************************************	

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721, Korea

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Date:	
	(Signature of Inventor) Jinsoo CHO
Date:	
	(Signature of Inventor) Seunghee HAN
Date:	
	(Signature of Inventor) Jinsam KWAK
Date:	
	(Signalare of Inventor) Yongho SEOK
Date:	
	(Signature of Inventor) Jeongki Kim

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

Page 2 of 2

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WHEREAS,	I (WE))	OI; Seunghee I Jeongki KIM		N; Jinsam KWA	K; Yon	gho
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METHOD ANI	) APPAI		R TRANSCEP AN SYSTEM	VII	NG BEACON IN	WIREL	ESS
for which an appli	cation for	r Letters Pato	ent was execute	d o	n		
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WHEREAS,	LG EL	ECTRONIC	CS INC.				
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20 Yeouido-dong,	Yeongde	eungpo-gu, S	eoul 150-721, 1	Ko	rea		

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(Signature of Inventor) Jinsoo CHOI Date:
Date:
(Signature of Inventor) Seunghee HAN Date: 2014.09.05 (Signature of Inventor)
(Signature of Inventor) Seunghee HAN Date: 2014.09.05 (Signature of Inventor)
Date: 2014.09.05 (Signature of Arventor)
(Signature of Anvenior)
(Signature of Anvenior)
(Signar (LAweloo)) Junsam KWAK
Jursain K. W. AK
Date:
(Signature of Inventor)
Yongho SEOK
Date:
(Signature of Inventor)
Jeongki Kim

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

Page 2 of 2

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PATENT REEL: 033853 FRAME: 0403

**RECORDED: 09/30/2014**