503975758 08/24/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4022414

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MINSEOK KIM	08/16/2016
HANSU KIM	08/16/2016
KANGJAE JUNG	08/16/2016
YOUNGBAE KWON	08/16/2016
SUNGJUNG RHO	08/16/2016
CHANGWON YUN	08/16/2016
KYOUNGWON JEON	08/16/2016
DUCKYUN KIM	08/16/2016
HYOUNGWOOK LIM	08/16/2016
YUNMO KANG	08/16/2016
HAYONG KIM	08/16/2016

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.	
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	07336	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15244963	

CORRESPONDENCE DATA

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PATENT REEL: 039531 FRAME: 0122

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ATTORNEY DOCKET NUMBER:	0630-6794PUS1	
NAME OF SUBMITTER:	KYLE BEKELJA	
SIGNATURE:	/kyle bekelja/	
DATE SIGNED:	08/24/2016	
Total Attachments: 4 source=2016-08-24Assignment0630-6794PUS1#page1.tif		

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PATENT REEL: 039531 FRAME: 0123

BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS

UNITED STATES PATENT RIGHTS, OR UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

Title of procession	* MOBILE LERMINAL		
	As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:		
	This declaration is directed to the application attached heroto.		
Application mt Attached	* If the application is not attached hereto, the application is as identified by the attorney docket numbers set forth above and/or the following:		
nter Applin. No.	* United States Application Number or PCT International Applit. No. 15/244,963		
nter Filing Date	* filed on August 23, 2016		
	The above-identified application was made or 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 above-identified application, including the claims.		
	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.		
	WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.		
nsertName n Assigner	* WHEREAS, LG ELECTRONICS INC.		
or ort Address a Assignee	⇒ of 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea		
a constitue	its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and		
Check Slox it Appropriate	in any foreign countries.		
- Carrier Carr	NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.		

BSKB-DECASSIGN(09-12)

The undersigned agrees to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agrees to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorizes and requests the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has the full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert eny further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

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

The undersigned hereby acknowledges that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1801 by fine or imprisonment of not more than five (5) years, or both.

in witness whereof, executed by the undersigned on the date opposite the undersigned name.

legal name of inventor			, , ,		
Inventor's Name	⇒ Inventor.	Minseok KIM	Date:	2016. 8.16	
Seveniar's Signature	⇔ Signature:	Minseok Kim			
An application Use a separate f	data sheet (F) form for each	TO/SB/14 or equivalent), including inventor, or check the box below an	naming the entire inventive entity d complete the attached page(s) to	y, must accompany this form. o list additional inventors.	
Additional i	nventors are	being named on the 1_supplemen	ital sheet(s) attached hereto.		

BSK8-DECASSIGN-SINGLE (19-12)

Supplemental Sheet for Declaration and Assignment

ADDITIONAL INVENTOR(S) Supplemental Sheet Page 1 of 2

	LEGALN	AME OF JOINT INVENTOR, IF ANY		
inventor's Name	⇒ Inventor:	Hansu KIM	Date:	61.8.16 عادهد
invenier's Signature	⇒ Signature:	Husu KM		,
		AME OF JOINT INVENTOR, IF ANY		
	•		*	2011.0.16
		Kangipe JUNG	Date:	
inventor's Signature	Signature:	Kangsar Jung	·····	
	LEGAL N	ame of joint inventor, if any		<i>3</i> . 3
inveniar's Nome	⇔inventor:	Youngbae KWON	Date:	21,00,01
invento/o filgnature	♥Signature:	Youghe know		
	LEGALN	ame of joint inventor, if any		
Inventor's Name	Sinventor:	Sungjung RHO	Date:	2016,08.16
inventor's Signature	Signature:	Sunglang Rho	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	LEGALN	ame of joint inventor, if any		
inveniors Name	⇔lnventor:	Changwon YUN	Date:	2016.8.16
invenio/a Signature	*Signature:	changener from	-	
	LEGALN	ame of joint inventor, if any		
hvenio/a Name	⇔Inventor:	Kyoungwon JEON	Date:	2016. d. lb
invento/s5ignature	⇔Signature:	Kangwon Jean		·
	LEGALN	ame of joint inventor, if any		
lovento/e Name	⇒Inventor:	Duckyun KIM	Date:	20/8, 08, 16
inventor's Signature	⁴ Signature:	Duckyan lein	-	
	LEGAL N	AME OF JOINT INVENTOR, IF ANY		, j
inventor's Name	⇔Inventor;	Hyoungwook LIM	Dates	2016.8./6
Inventor's Signature	[©] Signature:	Thyring work Linn	*****	
		: ****		

BSKB-DECASSIGNA (08-12)

PATENT REEL: 039531 FRAME: 0126

Attorney Docket No. 0630-6794PUS1

Supplemental Sheet for Declaration and Assignment		ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 2		
Investor's Name	⇔inventor:	Yunmo KANG	Date:	2016. 8.16
Toventor's Signature	≈Signature:	Yunno KANG		
	LEGAL N	amẹ of Joint Inventor, if any		
Inventor's Name	*Inventor:	Hayong KIM	Date:	2016.8.16
Inventor's Signature	⇒Signature:	Myone Kem		

BSKB-DECASSIGN\(09-12)

PATENT REEL: 039531 FRAME: 0127

RECORDED: 08/24/2016