PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6264830

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUNYOUNG LEE	09/20/2017
SEUNGMIN LEE	09/20/2017
DAESUNG HWANG	09/20/2017
SEUNGJUNE YI	09/20/2017

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:	17001096

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: LEE, HONG, DEGERMAN, KANG & WAIMEY

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ATTORNEY DOCKET NUMBER:	2101-71166C1
NAME OF SUBMITTER:	MICHAEL E. MONACO
SIGNATURE:	/Michael Monaco/
DATE SIGNED:	08/24/2020

Total Attachments: 2

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> **REEL: 053578 FRAME: 0114** 506218087

PATENT

ASSIGNMENT

(1-8)	Insert Name(s) of	(1) Sunyoung LEE (5)
	Inventor(s)	(2) Seungmin LEE (6)
		(3) Daesung HWANG (7)
		(4) Seungjune YI (8)
		In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
(9)	Insert name of Assignee	(9) LG Electronics Inc.
(10)	Insert state of Incorporation of Assignee	(10) Republic of Korea
(11)	Insert address of Assignee	(11) 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Republic of Korea
		(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
(12)	Insert identification of Invention, such as Title,	(12) RANDOM ACCESS PROCEDURE WITH BEAM SWEEPING
	Case Number or Foreign Application Number	for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
	onal and continuing United ate separate assignments i	gree(s) to execute all papers necessary in connection with any original, reissue tates and foreign applications for the above-identified invention and also to connection with such applications as the Assignee may deem necessary or connection.
	may be declared concerni	gree(s) to execute all papers necessary in connection with any interference this application or continuation or division thereof and to cooperate with the btaining evidence and going forward with such interference.
		gree(s) to execute all papers and documents and perform any act which may be ns or provisions of the International Convention for Protection of Industria
of a v	The undersigned alid United States patent to a	gree(s) to perform all affirmative acts which may be necessary to obtain a gran e Assignee
applic (they agree insert	etters Patents of the United cations thereof to the said A have) full right to convey the ment in conflict herewith. The undersigned hereby on this assignment any furtle	ereby authorize(s) and request(s) the Commissioner of Patents to issue any and tates resulting from said application or any division or divisions or continuing signee, as Assignee of the entire interest, and hereby covenants that he has entire interest herein assigned, and that he has (they have) not executed an points the Attorneys associated with Customer No. 35884 the power to ridentification which may be necessary or desirable in order to comply with the d Trademark Office for recordation of this document.
Date:	2017.09.20 Signs	ire of Inventor (1) San Young less Short
Date:	Signi	re of Inventor (2)

Signature of Inventor (3)_____

Date: 2017.09.20 Signature of Inventor (4)

Date: _____

PATENT REEL: 053578 FRAME: 0115

ASSIGNMENT

- (3	1-8) Insert Name(s) of	(1) Sunyoung LEE	(5)	grif.
	Inventor(s)	(2) Seungmin LEE	(6)	
		(3) Daesung HWANG	(7)	
		(4) Seungjune YI	(8)	
		valuable considerations	im of one dollar (\$1.00) a paid to each of the assign, and hereby does a	undersigned, the
(8	9) Insert name of Assignee	(9) LG Electronics Inc.		
0	10) Insert state of Incorporation of Assignee	(10) Republic of Korea		
C	11) Insert address of Assignee	(11) 128, Yeoul-daero, Yeonge	leungpo-gu, Seoul, 07336,	Republic of Korea
		(hereinafter designated as the Assignee) the entire worldwide right, title : interest in the invention known as		
(12) Insert identification of Invention, such as Title,	(12) RANDOM ACCESS PRO	CEDURE WITH BEAM SW	EEPING
	Case Number or Foreign Application Number		has (have) executed an ap erica and all patent applica nereto or based thereon.	
e e.	xecute separate assignments in xpedient. 2) The undersigned hich may be declared concerning.	States and foreign applications in connection with such application agree(s) to execute all papers in ig this application or continuation obtaining evidence and going forward.	ns as the Assignee may ecessary in connection w or division thereof and to	deem necessary or ith any interference cooperate with the
n	The undersigned accessary in connection with clare toperty or similar agreements.	agree(s) to execute all papers and tims or provisions of the Interna	documents and perform artificial Convention for Pro	ny act which may be tection of Industrial
0	The undersigned favalid United States patent to the control of the control o	agree(s) to perform all affirmative he Assignee.	acts which may be necess	ary to obtain a grant
a (t a ir	If Letters Patents of the United pplications thereof to the said A they have) full right to convey the greement in conflict herewith. The undersigned hereby a neert on this assignment any furth	nereby authorize(s) and request(s) States resulting from said applications application said application said application assigned, a entire interest herein assigned, appoints the Attorneys association which may be needed.	ition or any division or divided interest, and hereby contained that he has (they have ted with Customer No. essary or desirable in order	desions or continuing venants that he has e) not executed any 35884 the power to
E	Date: Signa	ture of Inventor (1)	/	
C	Date: <u>2017. 09. 20</u> Signa	iture of Inventor (2)	Lu.	

PATENT

REEL: 053578 FRAME: 0116

Date: 2017, 09, 20

Date:

Signature of Inventor (3)___

Signature of Inventor (4)