506045114 05/05/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6091828

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WON KIM	12/18/2018
MYUNG LEE	12/18/2018
DAYOUNG YU	12/18/2018
JIWON LIM	12/18/2018
SANG HYUN RHO	12/18/2018
DONGMIN SONG	12/18/2018
SEONGMOON JUNG	02/11/2019

RECEIVING PARTY DATA

Name:	LG HAUSYS, LTD.	
Street Address:	ONE IFC, 10 GUKJEGEUMYUNG-RO,	
Internal Address:	YEONGDEUNGPO-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	07326	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16861815

CORRESPONDENCE DATA

Fax Number: (908)654-7866

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (908) 654-5000

Email: assignment@lernerdavid.com

Correspondent Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP

Address Line 1: 20 COMMERCE DR.

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ATTORNEY DOCKET NUMBER: LGHSYS 3.9F-003 CIP DIV I	
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/

PATENT 506045114 REEL: 052572 FRAME: 0521

Total Attachments: 4
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PATENT REEL: 052572 FRAME: 0522

i	ON AND ASSIGNMENT FOR R DESIGN APPLICATIONS	Attorney Docket Nu	mber: LGHSYS 3.9F-003 CIP	
Title of Invention	le of Invention			
This declar is directed		,		
The above-identifi	ed application was made or authorized	to he made hv me/us		
	am the original inventor or an original ju	•	invention in the application.	
	owledge that any willful false statement iment of not more than five (5) years, or		s punishable under 18 U.S.C. 1001	
	indersigned as a sole inventor (if only c invented certain new and useful impro		or as a joint inventor (if plural names are n identified above.	
One IFC, 10 Gukj	AND, WHEREAS LG Hausys, Ltd., (hereinafter referred to as assignee), a corporation of Korea whose mailing address is One IFC, 10 Gukjegeumyung-ro,; Yeongdeungpo-gu; Seoul; REPUBLIC OF KOREA 150-721 is desirous of acquiring the entire right, title and interest in the same.			
NOW, THEREFORE, in consideration of the sum of one dollar, the receipt wherof is acknowledged, and other good and valuable consideration, the undersigned hereby sell(s), assign(s) and set(s) over to said assignee my/our entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me/us and my/our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the e				
contents of the appl	R. § 1.63(c), "[a] person may not execute a		s the person has reviewed and understands the Office all information known to the person to be	
FULL NAM	E OF INVENTOR(S)			
Inventor on	1	Date:	December 18, 2018	
Signature:				
X Additio	onal inventors or a legal representative are b	oeing named on1	additional form(s) attached hereto.	
PLEASE S	SEE THE WARNINGS ON THE LAST PAG	E OF THIS FORM.		

LGHSYS 3.9F-003 CIP SUPPLEMENTAL SHEET

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATIONS	ADDITIONAL INVENTOR(S) Supplemental Sheet
Inventor two: Myung Lee Signature:	Date: December 18, 2018
Inventor three: Dayoung Yu Signature:	Date: <u>December 18, 2018</u>
Inventor four: <u>Jiwon Lim</u> Signature:	Date: December 18, 2018
Inventor five: Sang Hyun Rho Signature:	Doto: Danambar 40, 3046
Inventor six: Dongmin Song Signature: Dongmin Song	Date: <u>December 18, 2018</u>
Inventor seven: Signature:	Date:
Inventor eight: Signature:	Date:
Inventor nine: Signature:	Date:
Inventor ten: Signature:	Date:

WARNING:

According to 37 C.F.R. § 1.63(c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in §1.56."

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

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UTILITY OR DES	ND ASSIGNMENT FOR SIGN APPLICATIONS	Attorney Docket Number: LC	HSYS 3.9F-003 CIP
little of Invention A Sa	andwich Panel And A Manufactur	v.	
		nated as the undersigned), I/We he	reby declare that:
Th	ne attached application, or		
(x) Ur	nited States application or PCT in	ternational application number	16/215,020
file	ed on <u>December 10, 2018</u>	÷	
The above-identified app	plication was made or authorized t	o be made by me/us.	
I/We believe that I am th	ne original inventor or an original jo	nint inventor of a claimed invention in	the application.
	ge that any willful false statement to of not more than five (5) years, or	made in this declaration is punishable both.	s under 18 U.S.C. 1001
		ne name is listed below) or as a joir rements in the application identified	
AND, WHEREAS LG H One IFC, 10 Gukjegeun entire right, title and into	nyung-ra,; Yeongdeungpo-gu; Se	to as assignee), a corporation of Ko rout; REPUBLIC OF KOREA 150-72	rea whose mailing address is 1 is desirous of acquiring the
valuable consideration, and interest for the Unit application and all origin therefor in the United Stand patents for said invinciuding all claims for cand the use of its succe the Commissioner of Paor resulting therefrom to my/our legal represents deliver all original, divisionate all original divisionate all di	the undereigned hereby sell(s), a sed States of America and all other nat, divisional, continuation, substitutes of America and all other contents and Trademarks is hereby a said assigne herein, as assignatives, heirs and assigns do herebional, continuation, reissue and or said assignee or its assigns, to or said applications or patents ally everything necessary to aid assigneents in all countries, the expovements in all countries, the expovements in all countries, the	dollar, the receipt wheref is acknow useign(s) and set(s) over to said asser countries in and to said invention titute or reissue applications and paintries, for said invention, including of the aforesaid utility application payment with the right to sue for and intertives, and including the right to clauthorized and requested to issue see of the entire interest therein; and by agree and covenant without further applications for Letters Patent or communicate to said assignee or its ever requested, to testify in any interex ever expected, to testify in any interex expected, its successors, assigns and enses incident to said applications to	gnee my/our entire right, title and the aforesaid utility patent ents applied for or granted without limitation all applications research to any law or treaty, and police the same for its own use aim such priority or benefit and all patents on said improvement the undersigned for me/us and er remuneration, to execute and or said improvements and all epresentatives all facts known ferences or other legal will papers, make all rightful I nominees to obtain palent
	1	NARNING:	
According to 37 C.F.R. § 1 contents of the application material to patentability as	. bu(c), "(a) person may not execute a , including the claims, and is aware of defined in §1.58."	in oath or declaration unless the person fine duty to disclose to the Office all info	nas reviewed and understands the imission knows to the person to be
FULL NAME OF	INVENTOR(S)		
Inventor one:	Won Kim	Daie;	
Signalure:			

Page 1 of 2

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DECLARATIO OR DESIGN A	N AND ASSIGNMENT FOR UTILITY PPLICATIONS	ADDITIONAL INVENTOR(S) Supplemental Sheet	
Inventor two:	Myung Lee	Date:	
Signature:			
	Dayoung Yu	Date:	
inventor four:	Jiwon Lim	Date:	
Inventor five: Signature:	Sang Hyun Rho	Date:	
Inventor six:	Dengmin Song	Date:	
Inventor seven: Signature:	Seangman Jung	Date: Feb. 11, 2019	
Inventor eight:		Date:	
Inventor nine:		Date:	
Inventor ten:		Date:	
WARNING: According to 37 C.F.R. § 1.63(c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in §1.56." Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If			
this type of personal information from the application is available to the made in the application) or if the application is reference.	tion is included in documents submitted to the USI documents before submitting them to the USPTC is public after publication of the application (unless support of a patent. Furthermore, the record fro	PTO, petitioners/applicants should consider redacting such b. Petitioner/applicant is advised that the record of a patent a non-publication request in compliance with 97 CFR 1.213(a) is m an abandoned application may also be available to the public (see 37 CFR 1.14). Checks and credit card authorization forms	

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