505817832 12/12/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5864662

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HYUNSEOK YANG	12/05/2019

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:	16621576

CORRESPONDENCE DATA

Fax Number: (703)205-8050

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: 703-205-8000

Email:tu.t.tan@bskb.com, mailroom@bskb.comCorrespondent Name:BIRCH, STEWART, KOLASCH & BIRCH, LLPAddress Line 1:8110 GATEHOUSE ROAD, SUITE 100E

Address Line 4: FALLS CHURCH, VIRGINIA 22042

ATTORNEY DOCKET NUMBER:	6774-0205PUS1
NAME OF SUBMITTER:	TAN T. TU
SIGNATURE:	/TAN T. TU/
DATE SIGNED:	12/11/2019

Total Attachments: 2

source=Assignment 6774-0205PUS1#page1.tif source=Assignment 6774-0205PUS1#page2.tif

PATENT 505817832 REEL: 051265 FRAME: 0728

Application No.: 16621576 filed 12/11/2019

Attorney Docket No. 6774-0205PUS1

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Hyunseok YANG, each individually assign to LG ELECTRONICS INC., a corporation formed under the laws of Republic of Korea, and having a principal place of business at 128, Yeouidaero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "BELT TYPE BARRICADE AND AUTOMATIC CONTROL SYSTEM CAPABLE OF IMPROVING OPERATION EFFICIENCY OF BELT TYPE BARRICADE," and was or will be filed in the United States Patent and Trademark Office on ______, as application (the "Application"). We authorize the insertion of the filing date and application number above.

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment,

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this. Assignment,

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents;

Assignment Page 1 of 2

Attorney Docket No. 6774-020SPUS1

enn min ben	ama an omer tawan	acis necessai	y er desmable	to secure fully to th	e Assignee the right
titles, and in	terests ass <mark>igne</mark> d by t	his Assigome	et.		
	(As		Date:	Dec 5,	2019
Hyun	scok YMNG				
Witnessed by:					
Signature:	7444		Date: December 5, 2019		
Print Name:					
Signature:	Thor	· · · · · · · · · · · · · · · · · · ·	Date:	December 5, 20	19
Print Name:	Hyojin KIM				
The Assignee I	hereby acknowledges a	nd accepts the i	uregoing assign	ment.	
Assignee: LG	ELECTRONICS INC.				
Signature:		oden i na	Date:		

Assignment Page 2 of 2

Processor (1997) 1997 (1997) 1997 (1997) 1997 (1997) 1997 (1997)

PATENT REEL: 051265 FRAME: 0730