PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH NAMM	04/04/2018
GOKTUG DUMAN	04/04/2018
JORGE L. GARCIA	04/04/2018

RECEIVING PARTY DATA

Name:	MOTOROLA SOLUTIONS, INC.
Street Address:	500 W. MONROE STREET
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60661

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15946964

CORRESPONDENCE DATA

Fax Number: (512)322-8330

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.

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Correspondent Name: BAKER BOTTS L.L.P. PATENT DEPARTMENT

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ATTORNEY DOCKET NUMBER:	PAT21573-US-PRI
NAME OF SUBMITTER:	TRACY E. ENGBERG
SIGNATURE:	/Tracy E. Engberg/
DATE SIGNED:	04/06/2018

Total Attachments: 4

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> PATENT REEL: 045459 FRAME: 0742

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we,

Joseph Namm, Goktug Duman, and Jorge Garcia have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA SOLUTIONS, INC., a corporation of the State of Delaware, having its principal office in Chicago, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in SYSTEM, METHOD, AND APPARATUS FOR EXTERNAL ACCESSORY KNOB

CONTROL USING MOTION TRACKING DETECTION filed on _______ as

Serial Number ______ (Docket No PAT21573-US-PRI), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any non-provisional, division, extension, continuation, re-examination, or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA SOLUTIONS, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize MOTOROLA SOLUTIONS, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA SOLUTIONS, INC., for the sole use and benefit of MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA SOLUTIONS, INC.

PAT21573-US-PRI [084675.0104]

PATENT REEL: 045459 FRAME: 0743 We agree that, when requested, we will, without charge to MOTOROLA SOLUTIONS, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

JOSEPH NAMM	DATE:	4/4/2018
STATE OF FL COUNTY OF Broward		

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Joseph Namm** whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 4 day of Apel , 2018.

My commission expires:

Notary Public State of Florida
Narcy Ascumtar
My Commission FF 974367
Express 03/23/2020

NARLY Ascuntary
Printed Name of Notary Public

GOKTUG DUMAN	DATE: 04.04.18
STATE OF FL	
COUNTY OF Broward	
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Given under my hand and notarial seal this	4 day of April , 2018.
My commission expires:	Notary Public Significance
Notary Public State of Florida Narcy Ascuntar My Commission FF 974387 Expires 03/23/2020	Printed Name of Notary Public

JORGE L. GARCIA	DATE:	4-4-18
STATE OF FL		
COUNTY OF Broward		
The undersigned Notary Public in and for the that Jorge L. Garcia whose name is subscribe this day in person and acknowledged that they their free and voluntary act and deed for the us Given under my hand and notarial seal this	d to the forego signed, sealed es and purpose	oing instrument, appeared before me and delivered the instrument as es therein set forth.
My commission expires:	Notas	Yorky ascentar
Notery Public State of Florida Nancy Asctuniar Nay Commission FF 974387 Expires 03/23/3020	Printe	NAICH ASCUNTAV ed Name of Notary Public

4 PAT21573-US-PRI [084675.0104]

RECORDED: 04/06/2018