

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5479594

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	YANG LUO	04/09/2019	
	PAUL F. MAFERA	04/06/2019	
	DANIEL R. BESTOR	04/16/2019	
RECEIVING PARTY DATA			
Name:	MOTOROLA SOLUTIONS, INC.		
Street Address:	500 WEST MONROE STREET		
City:	CHICAGO		
State/Country:	ILLINOIS		
Postal Code:	60661		
PROPERTY NUMBERS Total: 1			
	Property Type	Number	
	Application Number:	16181861	
CORRESPONDENCE DATA			
Fax Number:	(416)920-1350		
<i>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.</i>			
Phone:	416-920-8170		
Email:	docketing@pckip.com		
Correspondent Name:	PERRY + CURRIER INC. (FOR MSI)		
Address Line 1:	1300 YONGE STREET		
Address Line 2:	SUITE 500		
Address Line 4:	TORONTO, CANADA M4T-1X3		
ATTORNEY DOCKET NUMBER:	P7996US00		
NAME OF SUBMITTER:	ZOYA TCHOKREV		
SIGNATURE:	/Zoya Tchokrev/		
DATE SIGNED:	04/17/2019		
Total Attachments: 5			
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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **YANG LUO**, residing in Chicago, State of Illinois, United States of America; **PAUL F. MAFERA**, residing in Winchester, State of Massachusetts, United States of America; and **DANIEL R. BESTOR**, residing in Schaumburg, States of Illinois, United States of America 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 **DEVICE, SYSTEM AND METHOD FOR DETERMINING INCIDENT OBJECTS IN SECONDARY VIDEO** (Docket No **PAT22772-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.

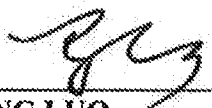
We hereby also sell, assign and transfer unto **MOTOROLA SOLUTIONS, INC.**, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international 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.

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.


YANG LUO

DATE: 04/09/19

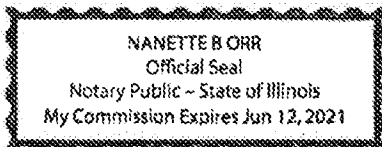
STATE OF ILLINOIS


COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **YANG LUO** 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 9th day of April, 2019.

My commission expires:




Notary Public Signature
Nanette B. Orr
Printed Name of Notary Public

Paul F. Mafera
PAUL F. MAFERA

DATE: 4/6/19

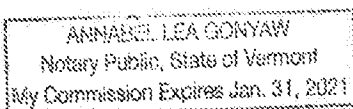
STATE OF

COUNTY OF

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **PAUL F. MAFERA** 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 6th day of April, 2019.

My commission expires:



Annabel L. Gonyaw
Notary Public Signature

Annabel L. Gonyaw
Printed Name of Notary Public

Daniel R. Bestor
DANIEL R. BESTOR

DATE: 4/16/19

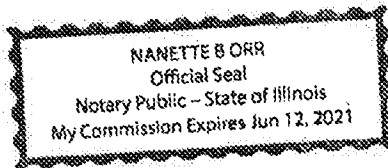
STATE OF

COUNTY OF

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **DANIEL R. BESTOR** 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 16th day of April, 2019.

My commission expires:



Nanette B. Orr
Notary Public Signature
Nanette B. Orr
Printed Name of Notary Public