

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2639627

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>RACHID M ALAMEH</td><td>11/26/2013</td></tr><tr><td>PATRICK J CAUWELS</td><td>11/26/2013</td></tr><tr><td>KENNETH A PAITL</td><td>11/26/2013</td></tr></tbody></table>	Name	Execution Date	RACHID M ALAMEH	11/26/2013	PATRICK J CAUWELS	11/26/2013	KENNETH A PAITL	11/26/2013	
Name	Execution Date								
RACHID M ALAMEH	11/26/2013								
PATRICK J CAUWELS	11/26/2013								
KENNETH A PAITL	11/26/2013								
RECEIVING PARTY DATA									
Name:	MOTOROLA MOBILITY LLC								
Street Address:	600 NORTH US HIGHWAY 45								
City:	LIBERTYVILLE								
State/Country:	ILLINOIS								
Postal Code:	60048								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>14098870</td></tr></tbody></table>	Property Type	Number	Application Number:	14098870					
Property Type	Number								
Application Number:	14098870								
CORRESPONDENCE DATA									
Fax Number:	(847)523-2350								
Phone:	2242402794								
Email:	docketing.mobility@motorola.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	MOTOROLA MOBILITY LLC								
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Address Line 4:	LIBERTYVILLE, ILLINOIS 60048								
ATTORNEY DOCKET NUMBER:	CS42242								
NAME OF SUBMITTER:	DENICE KRUEGER								
Signature:	/Denice Krueger/								
Date:	12/06/2013								

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Total Attachments: 5

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **RACHID M. ALAMEH, CRYSTAL LAKE, ILLINOIS; PATRICK J. CAUWELS, SOUTH BELOIT, ILLINOIS AND KENNETH A. PAITL, WEST DUNDEE, ILLINOIS**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **MOTOROLA MOBILITY LLC**, a Limited Liability Company of the State of Delaware, having its principal office in Libertyville, 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 entitled **"An Optimum IR System in Support of Gesturing, Eye Tracking, Facial Illumination, Prox Function, and Barcode Transmission"** as described, illustrated in Motorola Disclosure ID **(66458) CS42242** and as described, illustrated and claimed in the following applications:

- 1.) U.S. Application filed on herewith entitled **"ELECTRONIC DEVICE WITH GESTURE DETECTION SYSTEM AND METHODS FOR USING THE GESTURE DETECTION SYSTEM"**; and
2. U.S. Application No. **61/876691**, filed on **September 11, 2013** entitled **"METHOD AND APPARATUS FOR USING LIGHT EMITTING DIODES ON AN ELECTRONIC DEVICE"**.

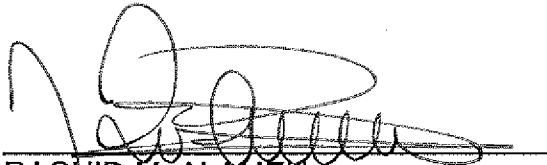
I hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced in this Assignment and Agreement, and all rights, title and interest in and to all applications for Letters Patent in respect of the invention filed under any and all international conventions and treaties together with the entire right, title and interest in and to Letters Patent which may be issued upon the application(s) or any application(s) otherwise claiming priority thereto, and upon any divisions, extensions, continuations, reissues and/or re-examinations of such application(s).

I further authorize Assignee to apply for Letters Patent directly in its own name where applicable, and to claim priority of the filing date of the application for Letters Patent filed under the laws of the applicable country and under the provisions of any and all international conventions and treaties.

I hereby authorize Assignee to request the Commissioner of Patents of the United States of America to issue any Letters Patents upon the aforesaid application, divisions, extensions, continuations, reissues or re-examinations, to Assignee, for the sole use and benefit of Assignee, 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 I hereby authorize Assignee to request the equivalent authorities in foreign countries to issue the patents of their respective countries to Assignee.

I agree that, when requested, I will, without charge to Assignee, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for the inventions in any and all countries and for vesting title thereto in Assignee.

I covenant with Assignee that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.


RACHID M. ALAMEH

DATE: NOV 26, 13


STATE OF ILLINOIS)
COUNTY OF halle)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that RACHID M. ALAMEH 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 26th day of November, 2013.

My commission expires:




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

Patrick J. Cauwels
PATRICK J. CAUWELS

DATE: 11/26/2013

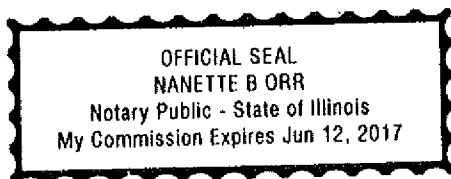
STATE OF ILLINOIS)
COUNTY OF Wake)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that PATRICK J. CAUWELS 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 26th day of November, 2013.

My commission expires:

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



Kenneth A. Paatl
KENNETH A. PAITL

DATE: 11/26/2013

STATE OF ILLINOIS)
COUNTY OF Wake)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that KENNETH A. PAITL 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 26th day of November, 2013.

My commission expires:

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

