503485838 09/18/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BING QIN LIM	09/17/2015
MURALI KUYIMBIL	09/17/2015
WAI MUN LEE	09/15/2015
LEE SUN OOI	09/15/2015
WOOI PING TEOH	09/17/2015

RECEIVING PARTY DATA

Name:	MOTOROLA SOLUTIONS, INC.
Street Address:	1303 E. ALGONQUIN ROAD
Internal Address:	IL01-LAW DEPT-INTELLECTUAL PROPERTY
City:	SCHAUMBURG
State/Country:	ILLINOIS
Postal Code:	60196

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14858149

CORRESPONDENCE DATA

Fax Number: (847)576-3750

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Phone: 847-576-2932

USAdocketing@motorolasolutions.com Email:

MOTOROLA SOLUTIONS. INC. IP LAW DOCKETIN **Correspondent Name:**

1301 EAST ALGONQUIN ROAD Address Line 1:

Address Line 2: IL02 5TH FLOOR - SH5

Address Line 4: SCHAUMBURG, ILLINOIS 60196

ATTORNEY DOCKET NUMBER:	CM18138
NAME OF SUBMITTER:	SHEILA MANNERINO
SIGNATURE:	/Sheila Mannerino/
DATE SIGNED:	09/18/2015

PATENT REEL: 036599 FRAME: 0460 503485838

Total Attachments: 6

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PATENT REEL: 036599 FRAME: 0461

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, BING QIN LIM, JELUTONG, MALAYSIA; MURALI KUYIMBIL, BAYAN BARU, MALAYSIA; WAI MUN LEE, PENANG, MALAYSIA; LEE SUN OOI, KULIM, MALAYSIA AND WOOI PING TEOH, GEORGETOWN, MALAYSIA 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 Schaumburg, 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 METHOD AND APPARATUS FOR DETECTING A TOUCH ON A DEVICE (Docket No. CM18138), 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 nonprovisional, division, extension, continuation, reexamination 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 therefore 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, reexamination 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.

CM18138 Page 1 of 6 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.

BING QIN LIM	DATE: 17 September 2015
•	1.14
Whatash	17 September 2015
st Witness (signature)	Date
V.C. PRAKASH CHAKO	
Please print name	

2nd Witness (signature) 17 September 19 Date

MING SOOI ONG
Please print name

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MURALI KUYIMBIL	DATE: 17 September 2015
Mules (signature)	17 September 2015 Date
V.C. PRAKASH CHAKO Please print name	
2nd Witness (signature)	17 September 2015 Date
MING SOOI ONG Please print name	

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15 Sept 2015 DATE: WAI MUN LEE STATE OF Illinois COUNTY OF Cook The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that WAI MUN LEE, 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. 1512 day of Given under my hand and notarial seal this_ My commission expires: Notary Public Signature Printed Name of Notary Public SHEILA R. MANNERINO "OFFICIAL SEAL"

Notary Public, State of Illinois My Commission Expires April 00, 2017



LEE SUN OOI

STATE OF Illinois

COUNTY OF Cook

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that LEE SUN OOI, 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.

day of

Given under my hand and notarial seal this

. 2015.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

WOOI PING TEOH	DATE: 17 September 2015
Miratesh	17 September 2015
1 st Witness (signature)	Date
V.C. PRAKASH CHAKO Please print name	
`	15
2nd Witness (signature)	17 September 2015 Date

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> PATENT REEL: 036599 FRAME: 0467

RECORDED: 09/18/2015

MING SOOI ONG
Please print name