

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TSUNG-HSIEN YANG	06/12/2014
HUGHES CHENG	06/02/2014
CHIN-RUNG LEE	06/12/2014
MICHAEL A. TRAMONTANO	05/31/2014
RECEIVING PARTY DATA	
Name:	SYMBOL TECHNOLOGIES, INC.
Street Address:	ONE MOTOROLA PLAZA
City:	HOLTSVILLE
State/Country:	NEW YORK
Postal Code:	11742
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14290047
CORRESPONDENCE DATA	
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<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:	847-576-2932
Email:	USAcketing@motorolasolutions.com
Correspondent Name:	MOTOROLA SOLUTIONS, INC.
Address Line 1:	1301 EAST ALGONQUIN RD., IL02 SH5
Address Line 2:	PATENT OPERATIONS DEPT.
Address Line 4:	SCHAUMBURG, ILLINOIS 60196
ATTORNEY DOCKET NUMBER:	CM17033
NAME OF SUBMITTER:	JUDITH L. AHRENS
SIGNATURE:	/judith l. ahrens/
DATE SIGNED:	06/13/2014
Total Attachments: 20	
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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **TSUNG-HSIEN YANG, XINDIAN CITY, TAIWAN; HUGHES CHENG, TAIPEI, TAIWAN; CHING-RUNG LEE, NEW TAIPEI CITY, TAIWAN; AND MICHAEL A. TRAMONTANO, FRANKLIN, MA,** have sold, assigned and transferred, and do hereby sell, assign and transfer, unto SYMBOL TECHNOLOGIES, INC., a corporation of the State of Delaware, having its principal office in Holtsville, State of New York, 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 **APPARATUS AND METHOD FOR MANAGING DEVICE OPERATION USING NEAR FIELD COMMUNICATION** (Docket No. **CM17033**), **U.S. Patent Application Number 14/290,047**, filed on **May 29, 2014**, 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 SYMBOL TECHNOLOGIES, 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 SYMBOL TECHNOLOGIES, 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, nonprovisional, division, extension, continuation, reexamination or reissue to SYMBOL TECHNOLOGIES, INC., for the sole use and benefit of SYMBOL TECHNOLOGIES, 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

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 SYMBOL TECHNOLOGIES, INC.

We agree that, when requested, we will, without charge to SYMBOL TECHNOLOGIES, 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 SYMBOL TECHNOLOGIES, INC., its successors, assigns and legal representatives or nominees.

We covenant with SYMBOL TECHNOLOGIES, 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.

David Yang
TSUNG-HSIEN YANG

DATE: Jun 12, 2014

陳喜君
1st Witness (signature)

Jun 12, 2014
Date

Chen, Yi-Chun
Please print name

陳翠雲
2nd Witness (signature)

Jun 12, 2014
Date

Chen, Tzu-Lung
Please print name

HUGHES CHENG

DATE : _____

1st Witness (signature)

Date

Please print name

2nd Witness (signature)

Date

Please print name

CHING-RUNG LEE

DATE : _____

1st Witness (signature)

Date

Please print name

2nd Witness (signature)

Date

Please print name

MICHAEL A. TRAMONTANO

DATE : _____

STATE OF MA)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that MICHAEL A. TRAMONTANO, 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 _____ day of _____, 2014 .

My commission expires:

Notary Public Signature

Printed Name of Notary Public

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **TSUNG-HSIEN YANG, XINDIAN CITY, TAIWAN; HUGHES CHENG, TAIPEI, TAIWAN; CHING-RUNG LEE, NEW TAIPEI CITY, TAIWAN; AND MICHAEL A. TRAMONTANO, FRANKLIN, MA,** have sold, assigned and transferred, and do hereby sell, assign and transfer, unto SYMBOL TECHNOLOGIES, INC., a corporation of the State of Delaware, having its principal office in Holtsville, State of New York, 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 **APPARATUS AND METHOD FOR MANAGING DEVICE OPERATION USING NEAR FIELD COMMUNICATION** (Docket No. **CM17033**), **U.S. Patent Application Number 14/290,047**, filed on **May 29, 2014**, 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 SYMBOL TECHNOLOGIES, 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 SYMBOL TECHNOLOGIES, 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, nonprovisional, division, extension, continuation, reexamination or reissue to SYMBOL TECHNOLOGIES, INC., for the sole use and benefit of SYMBOL TECHNOLOGIES, 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

Hughes Cheng

HUGHES CHENG

DATE:

Jun 2, 2014

Keynes Wu

1st Witness (signature)

Jun 2, 2014

Date

Keynes Wu

Please print name

David Lin

2nd Witness (signature)

2014 / 6 / 2

Date

David Lin

Please print name

CHING-RUNG LEE

DATE : _____

1st Witness (signature)

Date

Please print name

2nd Witness (signature)

Date

Please print name

MICHAEL A. TRAMONTANO

DATE : _____

STATE OF MA)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that MICHAEL A. TRAMONTANO, 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 _____ day of _____, 2014 .

My commission expires:

Notary Public Signature

Printed Name of Notary Public

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **TSUNG-HSIEN YANG, XINDIAN CITY, TAIWAN; HUGHES CHENG, TAIPEI, TAIWAN; CHING-RUNG LEE, NEW TAIPEI CITY, TAIWAN; AND MICHAEL A. TRAMONTANO, FRANKLIN, MA**, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **SYMBOL TECHNOLOGIES, INC.**, a corporation of the State of Delaware, having its principal office in Holtsville, State of New York, 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 **APPARATUS AND METHOD FOR MANAGING DEVICE OPERATION USING NEAR FIELD COMMUNICATION** (Docket No. **CM17033**), **U.S. Patent Application Number 14/290,047**, filed on **May 29, 2014**, 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.

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HUGHES CHENG

DATE : _____

1st Witness (signature)

Date

Please print name

2nd Witness (signature)

Date

Please print name

李榮

CHING-RUNG LEE

DATE: Jun 12, 2014

陳婉玲

1st Witness (signature)

Jun 12, 2014

Date

CHEN, WAN-LING

Please print name

倪朝欽

2nd Witness (signature)

Jun 12, 2014

Date

Ni, Chiao-Chieh

Please print name

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **TSUNG-HSIEN YANG, XINDIAN CITY, TAIWAN; HUGHES CHENG, TAIPEI, TAIWAN; CHING-RUNG LEE, NEW TAIPEI CITY, TAIWAN, AND MICHAEL A. TRAMONTANO, FRANKLIN, MA,** have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **SYMBOL TECHNOLOGIES, INC.**, a corporation of the State of Delaware, having its principal office in Holtsville, State of New York, 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 **APPARATUS AND METHOD FOR MANAGING DEVICE OPERATION USING NEAR FIELD COMMUNICATION** (Docket No. **CM17033**), **U.S. Patent Application Number 14/290,047**, filed on **May 29, 2014**, 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.

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HUGHES CHENG

DATE : _____

1st Witness (signature)

Date

Please print name

2nd Witness (signature)

Date

Please print name

CHING-RUNG LEE

DATE : _____

1st Witness (signature)

Date

Please print name

2nd Witness (signature)

Date

Please print name

Michael A. Tramontano
MICHAEL A. TRAMONTANO

DATE: May 31, 2014

STATE OF MA)
COUNTY OF Norfolk)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that MICHAEL A. TRAMONTANO, 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 31 day of May, 2014

My commission expires: 6/1/18

Colleen Hart
Notary Public Signature

Colleen Hart
Printed Name of Notary Public

