

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2843078

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PAUL D. HAIST	04/29/2014
SCOTT A. ARNOLD	04/30/2014
GRAHAM G. MARSHALL	05/01/2014
KONSTANTINOS D. TSIOPANOS	04/29/2014
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:	14270448
CORRESPONDENCE DATA	
Fax Number:	(847)576-3750
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	847-576-2932
Email:	USAdocketing@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:	CM17140
NAME OF SUBMITTER:	JUDITH L. AHRENS
SIGNATURE:	/judith l. ahrens/
DATE SIGNED:	05/06/2014
Total Attachments: 20	
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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **PAUL D. HAIST, TORONTO, CANADA; SCOTT A.. ARNOLD, ETOBICOKE, CANADA; GRAHAM G. MARSHALL, SHOREHAM, NY AND KONSTANTINOS D. TSIOPANOS, SELDEN, NY** 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 PERFORMING A VARIABLE DATA CAPTURE PROCESS** (Docket No. **CM17140**), 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 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 **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, 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 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.



PAUL D. HAIST

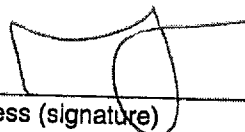
DATE: Apr 29, 2014



1st Witness (signature)

Apr 29th, 2014
Date

Vishal Palaniappan
Please print name



2nd Witness (signature)

APR 29 2014
Date

Jordan Vanney
Please print name

SCOTT A.. ARNOLD

DATE : _____

1st Witness (signature)

Date

Please print name

2nd Witness (signature)

Date

Please print name

GRAHAM G. MARSHALL

DATE : _____

STATE OF NY)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that GRAHAM G. MARSHALL, 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 _____, 20 .

My commission expires:

Notary Public Signature

Printed Name of Notary Public

KONSTANTINOS D. TSIOPANOS

DATE : _____

STATE OF NY)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that KONSTANTINOS D. TSIOPANOS, 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 _____, 20 .

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, **PAUL D. HAIST, TORONTO, CANADA; SCOTT A. ARNOLD, ETOBICOKE, CANADA; GRAHAM G. MARSHALL, SHOREHAM, NY AND KONSTANTINOS D. TSIOPANOS, SELDEN, NY** 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 PERFORMING A VARIABLE DATA CAPTURE PROCESS** (Docket No. **CM17140**), 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 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 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, 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 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.

PAUL D. HAIST

DATE : _____

1st Witness (signature)

Date

Please print name

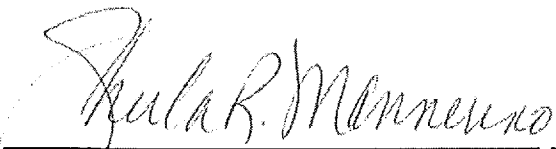
2nd Witness (signature)

Date

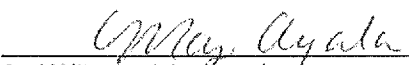
Please print name


SCOTT A. ARNOLD

DATE: April 30, 2014


1st Witness (signature) April 30, 2014
Date

SHEILA R. MANNERINO
Please print name


2nd Witness (signature) April 30, 2014
Date

Marilyn Ayala
Please print name

GRAHAM G. MARSHALL

DATE : _____

STATE OF NY }
)ss
COUNTY OF _____}

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that GRAHAM G. MARSHALL, 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 _____, 20 .

My commission expires:

Notary Public Signature

Printed Name of Notary Public

KONSTANTINOS D. TSIOPANOS

DATE : _____

STATE OF NY)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that KONSTANTINOS D. TSIOPANOS, 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 _____, 20 .

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, **PAUL D. HAIST, TORONTO, CANADA; SCOTT A. ARNOLD, ETOBICOKE, CANADA; GRAHAM G. MARSHALL, SHOREHAM, NY AND KONSTANTINOS D. TSIOPANOS, SELDEN, NY** 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 **METHOD FOR CONTROLLING AN ALTERNATIVE USER INTERFACE IN A DEVICE** (Docket No. **CM17139**), 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 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 **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, 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 request the equivalent authorities in foreign countries to issue the patents of their respective countries to **SYMBOL TECHNOLOGIES, INC.**

SCOTT A.. ARNOLD

DATE : _____

1st Witness (signature)

Date

Please print name

2nd Witness (signature)

Date

Please print name

Graham G. Marshall
GRAHAM G. MARSHALL

DATE: MAY 1 2014

STATE OF NY IL)
COUNTY OF Cook)ss

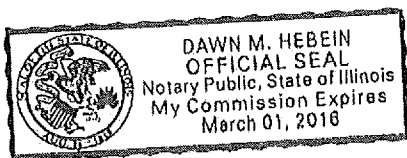
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that GRAHAM G. MARSHALL, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 1 day of May, 2014

My commission expires:

Dawn M Hebein
Notary Public Signature

Dawn M Hebein
Printed Name of Notary Public



KONSTANTINOS D. TSIOPANOS

DATE : _____

STATE OF NY)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that KONSTANTINOS D. TSIOPANOS, 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 _____, 20 .

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, **PAUL D. HAIST, TORONTO, CANADA; SCOTT A.. ARNOLD, ETOBICOKE, CANADA; GRAHAM G. MARSHALL, SHOREHAM, NY AND KONSTANTINOS D. TSIOPANOS, SELDEN, NY** 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 PERFORMING A VARIABLE DATA CAPTURE PROCESS** (Docket No. **CM17140**), 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 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 **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.

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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.

Please print name _____

SCOTT A.. ARNOLD

DATE : _____

1st Witness (signature)

Date

Please print name

2nd Witness (signature)

Date

Please print name

GRAHAM G. MARSHALL

DATE : _____

STATE OF NY)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that GRAHAM G. MARSHALL, 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 _____, 20 .

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Konstantinos D. Tsiopanos
KONSTANTINOS D. TSIOPANOS

DATE: 4. 29. 2014

STATE OF NY)
COUNTY OF Suffolk)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that KONSTANTINOS D. TSIOPANOS, 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 29th day of April, 2014

My commission expires:

Kimberly D. Polito
Notary Public Signature

Kimberly D. Polito
Printed Name of Notary Public

KIMBERLY D. POLITO
Notary Public State of New York
No. 01P06127519
Qualified in Suffolk County 17
Commission Expires: May 23, 2017