

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3999571

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RUSSELL E. CALVARESE	08/02/2016
MARK P. ORLASSINO	08/02/2016
UMBERTO R. SCARAMOZZINO	08/02/2016
LARRY MANISCALCO	08/08/2016
RECEIVING PARTY DATA	
Name:	SYMBOL TECHNOLOGIES, LLC
Street Address:	1 ZEBRA PLAZA
City:	HOLTSVILLE
State/Country:	NEW YORK
Postal Code:	11742
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15232448
CORRESPONDENCE DATA	
Fax Number:	(847)955-4514
<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:	847-634-6700
Email:	Docketing@zebra.com
Correspondent Name:	ZEBRA TECHNOLOGIES CORPORATION
Address Line 1:	3 OVERLOOK POINT
Address Line 4:	LINCOLNSHIRE, ILLINOIS 60069
ATTORNEY DOCKET NUMBER:	103633US01
NAME OF SUBMITTER:	JUDITH L. AHRENS
SIGNATURE:	/judith l. ahrens/
DATE SIGNED:	08/09/2016
Total Attachments: 5	
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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold, assigned and transferred, and do hereby sells, assigns and transfers, unto **SYMBOL TECHNOLOGIES, LLC ("Assignee")**, a limited liability company of the State of Delaware, having its principal place of business at **1 Zebra Plaza, Holtsville, NY 11742**, and its successors and assigns, the entire right, title and interest for the United States of America and the Territories and Possessions thereof and all countries foreign to the United States of America in and to inventions relating to

**ARRANGEMENT FOR, AND METHOD OF, LOCATING A MOBILE DEVICE IN A
VENUE BY INFERRING TRANSMIT TIMER VALUES OF RANGING SIGNALS
RECEIVED BY THE MOBILE DEVICE IN A TIME DIFFERENCE OF ARRIVAL
(TDOA)-BASED ULTRASONIC LOCATIONING SYSTEM**

as set forth in an application for Letters Patent of the United States of America

- ☒ executed concurrently herewith,
☐ executed on _____,
☐ Application No. _____; filed _____,
☐ Application claims priority from Application No. _____, filed _____, all applications listed above being hereinafter referred to as the "application(s)",

together with the entire right, title and interest in and to all divisionals, renewals, substitutes, continuations, non-provisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise.

The Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned, without charge to Assignee, but at its expense, will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs,

models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

Each undersigned inventor hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment, for example, application number and filing date.

This Assignment is deemed to be effective at least as early as the earliest priority date.

Date



RUSSELL E. CALVARESE

Witness:

Witness:

(Typed Name)

(Typed Name)

(Signature)

(Signature)

Date: _____

Date: _____

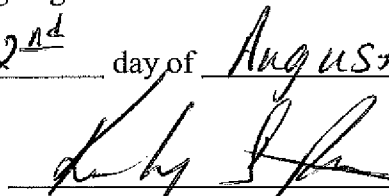
- OR -

State of NEW YORK)
)
County of SUFFOLK)

I, Kimberly D. Polito, a Notary Public for said County and State, do hereby certify that **RUSSELL E. CALVARESE** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 2nd day of August, 2016.

(Official Seal)



Notary Public

My commission expires May 23, 2017

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

8/2/2016
Date

Mark P. Orlassino
MARK P. ORLASSINO

Witness:
NARENDRA YOSHI
(Typed Name)
Narendra Yoshi
(Signature)

Witness:
Cory Zinkiewicz
(Typed Name)
Cory Zinkiewicz
(Signature)

Date: 8/2/2016

Date: 8/2/2016

- OR -

State of NEW YORK)
)
County of SUFFOLK)

I, _____, a Notary Public for said County and State, do hereby certify that **MARK P. ORLASSINO** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2016.

(Official Seal)

Notary Public

My commission expires _____

8/2/2016
Date


UMBERTO R. SCARAMOZZINO

Witness:

Witness:

(Typed Name)

(Typed Name)

(Signature)

(Signature)

Date: _____

Date: _____

- OR -

State of NEW YORK)

County of SUFFOLK)

Kimberly D. Polito

I, ~~Umberto R. Scaramozzino~~, a Notary Public for said County and State, do hereby certify that **UMBERTO R. SCARAMOZZINO** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 2nd day of August, 2016.

(Official Seal)


Notary Public

My commission expires May 23, 2017

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

8/8/16
Date

Larry Maniscalco
LARRY MANISCALCO

Witness:
Burrell Calvarese
(Typed Name)
Burrell Calvarese
(Signature)

Witness:
Richard J. Lavery
(Typed Name)
Richard J. Lavery
(Signature)

Date: 8/8/16

Date: 8/8/16

- OR -

State of _____)
County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that **LARRY MANISCALCO** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the _____ day of _____, 2016.

(Official Seal)

Notary Public

My commission expires _____