

## PATENT ASSIGNMENT

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| 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>Russell E. Calvarese</td> <td>09/26/2012</td> </tr> <tr> <td>Timothy B. Austin</td> <td>09/26/2012</td> </tr> <tr> <td>Michael O'Haire</td> <td>09/24/2012</td> </tr> </tbody> </table> |                                    | Name          | Execution Date | Russell E. Calvarese | 09/26/2012 | Timothy B. Austin | 09/26/2012 | Michael O'Haire | 09/24/2012 |
| Name  | Execution Date                     |               |                |                      |            |                   |            |                 |            |
| Russell E. Calvarese  | 09/26/2012                         |               |                |                      |            |                   |            |                 |            |
| Timothy B. Austin   | 09/26/2012                         |               |                |                      |            |                   |            |                 |            |
| Michael O'Haire   | 09/24/2012                         |               |                |                      |            |                   |            |                 |            |
| 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   |                                    |               |                |                      |            |                   |            |                 |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13623961</td> </tr> </tbody> </table>   |                                    | Property Type | Number         | Application Number:  | 13623961   |                   |            |                 |            |
| Property Type   | Number                             |               |                |                      |            |                   |            |                 |            |
| Application Number:   | 13623961                           |               |                |                      |            |                   |            |                 |            |
| CORRESPONDENCE DATA   |                                    |               |                |                      |            |                   |            |                 |            |
| Fax Number:   | 8475763750                         |               |                |                      |            |                   |            |                 |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |                                    |               |                |                      |            |                   |            |                 |            |
| Phone:  | 631-738-5091                       |               |                |                      |            |                   |            |                 |            |
| Email:  | USAdocketing@motorolasolutions.com |               |                |                      |            |                   |            |                 |            |
| Correspondent Name:   | Motorola Solutions, Inc.           |               |                |                      |            |                   |            |                 |            |
| Address Line 1:   | 1301 East Algonquin Road, IL02 SH5 |               |                |                      |            |                   |            |                 |            |
| Address Line 2:   | Patent Operations Dept.            |               |                |                      |            |                   |            |                 |            |
| Address Line 4:   | Schaumburg, ILLINOIS 60196         |               |                |                      |            |                   |            |                 |            |
| ATTORNEY DOCKET NUMBER:   | CM15866                            |               |                |                      |            |                   |            |                 |            |
| NAME OF SUBMITTER:  | Judith L. Ahrens                   |               |                |                      |            |                   |            |                 |            |
| Total Attachments: 3<br>source=CM15866_US_EXECUTED_ASSIGNMENT#page1.tif<br>source=CM15866_US_EXECUTED_ASSIGNMENT#page2.tif<br>source=CM15866_US_EXECUTED_ASSIGNMENT#page3.tif   |                                    |               |                |                      |            |                   |            |                 |            |

CH \$40.00 13623961

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **RUSSELL E. CALVARESE of Stony Brook, TIMOTHY B. AUSTIN of Stony Brook, and MICHAEL O'HAIRE of Smithtown, all of New York**, 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 **LOCATIONING USING MOBILE DEVICE, CAMERA, AND A LIGHT SOURCE** (Docket No. CM15866), 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, filed on September 21, 2012, and granted Serial Number 13/623,961, 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 division, extension, continuation 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, division, extension, continuation 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.

*Russell E Calvarese*

RUSSELL E. CALVARESE

*9/26/12*

DATE

STATE OF NEW YORK )

: ss. :

COUNTY OF SUFFOLK )

On this 26<sup>TH</sup> day of SEPTEMBER, 2012, before me personally came RUSSELL E. CALVARESE to me known and known to me to be the individual named in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same.

**DONNA LARSCHAN**  
Notary Public, State of New York  
No. 01LA4898345  
Qualified in Suffolk County  
Commission Expires June 15, 2015

*Donna C. Larschan*

Notary Public

*T. Austin*

TIMOTHY B. AUSTIN

*9/26/12*

DATE

STATE OF NEW YORK )

: ss. :

COUNTY OF SUFFOLK )

On this 26<sup>TH</sup> day of SEPTEMBER, 2012, before me personally came TIMOTHY B. AUSTIN to me known and known to me to be the individual named in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same.

**DONNA LARSCHAN**  
Notary Public, State of New York  
No. 01LA4898345  
Qualified in Suffolk County  
Commission Expires June 15, 2015

*Donna C. Larschan*  
Notary Public

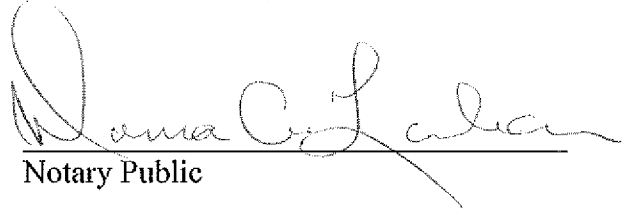
  
MICHAEL O'HAIRE

9-24-2012  
DATE

STATE OF NEW YORK )  
                                  : ss. :  
COUNTY OF SUFFOLK )

On this 24<sup>th</sup> day of SEPTEMBER 2012, before me personally came MICHAEL O'HAIRE to me known and known to me to be the individual named in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same.

**DONNA LARSCHAN**  
Notary Public, State of New York  
No. 01LA4898345  
Qualified in Suffolk County  
Commission Expires June 15, 2015

  
Notary Public