

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES J. O'HAGAN	11/17/2016
RODRIGO ALONSO	06/26/2015
MICHAEL A. WOHL	11/16/2016
RECEIVING PARTY DATA	
Name:	ZIH CORP.
Street Address:	3 OVERLOOK POINT
City:	LINCOLNSHIRE
State/Country:	ILLINOIS
Postal Code:	60069
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14732623
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>	
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ATTORNEY DOCKET NUMBER:	054054/460022
NAME OF SUBMITTER:	BRIAN C. ELLSWORTH
SIGNATURE:	/Brian C. Ellsworth/
DATE SIGNED:	11/29/2016
Total Attachments: 4	
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source=460022 Assignment (ALL)#page3.tif	

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 **ZIH Corp. ("Assignee")**, a limited liability company of the State of Delaware, having its principal place of business at **3 Overlook Point, Lincolnshire, IL 60069** 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

**METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR EMPLOYING A
SPATIAL ASSOCIATION MODEL IN A REAL TIME LOCATION SYSTEM**

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

- ☐ executed concurrently herewith,
☐ executed on _____,
☒ Application No. 14/732623; filed June 5, 2015,
☐ 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.

November 17, 2016
Date

James J. O'Hagan
James J. O'Hagan

Witness:

Witness:

(Typed Name)

(Typed Name)

(Signature)

(Signature)

Date: _____

Date: _____

- OR -

State of ILLINOIS)

County of LAKE)

I, Marsha Katsafouros, a Notary Public for said County and State, do hereby certify that **James J. O'Hagan** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 17th day of NOVEMBER, 2016.

(Official Seal)

Marsha Katsafouros
Notary Public

My commission expires 09/22/2019



The undersigned 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.

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

Date 6/26/2015

R. Alonso
Rodrigo Alonso

Witness:

Witness:

(Typed Name)

(Typed Name)

(Signature)

(Signature)

Date: _____

Date: _____

- OR -

State of California

County of Santa Clara

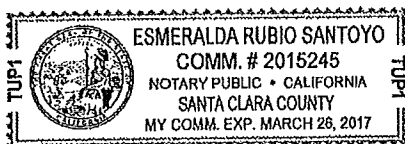
I, Esmeralda Rubio Santoyo, a Notary Public for said County and State, do hereby certify that Rodrigo Alonso personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 26 day of June, 2015.

(Official Seal)

[Signature]
Notary Public

My commission expires March 26, 2017



11/16/16
Date

Michael A. Wohl
Michael A. Wohl

Witness:

Witness:

(Typed Name)

(Typed Name)

(Signature)

(Signature)

Date: _____

Date: _____

- OR -

State of Tennessee)
County of Hambleh)

I, Meredith Campbell, a Notary Public for said County and State, do hereby certify that **Michael A. Wohl** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 16th day of November, 2016.

(Official Seal)

Meredith H. Campbell
Notary Public

My commission expires 4/11/17

