PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID J. AUSTERLADE	01/29/2016
GENE A. HOFER	01/29/2016
JAMES J. O'HAGAN	01/29/2016

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:	14556758

CORRESPONDENCE DATA

Fax Number: (704)444-1111

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.

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Address Line 2: **SUITE 4000**

Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000

ATTORNEY DOCKET NUMBER:	054054/440971
NAME OF SUBMITTER:	BRIAN C. ELLSWORTH
SIGNATURE:	/Brian C. Ellsworth/
DATE SIGNED:	05/06/2016

Total Attachments: 4

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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 and assigned, and by these presents hereby sells and assigns, unto

ZIH CORP.

3 Overlook Point Lincolnshire, IL 60069

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in "METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR PERFORMANCE ANALYTICS DETERMINING PARTICIPANT STATISTICAL DATA AND GAME STATUS DATA"

executed concurrently herewith
executed on
Application No. 14/556,758 filed December 1, 2014
Application is a Continuation-in-Part of Application 13/942,316, filed July 15, 2013, which claims the benefit of Application No. 61/831,990, filed June 6, 2013, all applications listed above being hereinafter referred to as the "application(s)";

as set forth in this United States Patent Application

(We hereby authorize and request the Assignee and its attorney (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, 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 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.

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.

<u>//29/16</u> Date	David J. Austerlade
Witness:	Witness:
(Typed Name)	(Typed Name)
(Signature)	(Signature)
Date:	Date:
- OR - State of LLINOUS	
County of LAKE	
I, <u>) (MNE WILLIAM</u> , a Not certify that David J. Austerlade personally due execution of the foregoing instrument.	ary Public for said County and State, do hereby appeared before me this day and acknowledged the
9	29 day of JANUARY , 20186
Official Sea Official Seal Notary Public - State of Illinois My Commission Expires Dec 7, 2019	Deare Me Olians Notary Public
My commission expires 12.7-2019	

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.

JAN 29 2016 Date	Gene A. Hofer
Witness:	Witness:
(Typed Name)	(Typed Name)
(Signature)	(Signature)
Date:	Date:
- OR -	
State of LINOIS County of LAKE	
I, <u>Signe Williams</u> , a Note certify that Gene A. Hofer personally appear execution of the foregoing instrument.	ary Public for said County and State, do hereby red before me this day and acknowledged the due
Witness my hand and official scal, this the	29 day of JANUSKY, 2015che Deane Mer Oleans
My commission expires 12-7-2019	Notary Public

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.

1/29/16	Gana J. Affay -
Date	James J Ø'Hagan
Witness:	Witness:
(Typed Name)	(Typed Name)
(Signature)	(Signature)
Date:	
- OR -	
State of LLINOIS	
County of LAKE	
I, DIANE () ILLIAMS, a No certify that James J. O'Hagan personally a due execution of the foregoing instrument.	tary Public for said County and State, do hereby appeared before me this day and acknowledged the
Witness my hand and official seal, this the _	20176 day of January, 20176
(Official Seal)	Que Mul Dian.
My commission expires <u>12.7-20</u> 19	Notary Public DIANE M WILLIAMS Official Seal Notary Public - State of Illinois My Commission Expires Dec 7, 2019

PATENT REEL: 038484 FRAME: 0475

RECORDED: 05/06/2016