

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4331239

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BORIS Y. TSIRLINE, PH.D.	09/29/2016
ROBERT S. GAWELCZYK	09/29/2016
STEVEN R. KOVANKO	11/22/2016
ANTHONY BROWN	09/28/2016
MAO TIAN	03/10/2017
KARL TORCHALSKI	09/29/2016
MICHAEL K. FEIN	09/28/2016
CHRISTOPHER AIELLO	09/29/2016
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:	14502815
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:	847-955-5342
Email:	Docketing@zebra.com
Correspondent Name:	ZEBRA TECHNOLOGIES CORPORATION
Address Line 1:	3 OVERLOOK POINT
Address Line 4:	LINCOLNSHIRE, ILLINOIS 60069
ATTORNEY DOCKET NUMBER:	150261US02
NAME OF SUBMITTER:	DANIEL J. GLITTO
SIGNATURE:	/Daniel J. Glitto/

DATE SIGNED:

03/22/2017

Total Attachments: 10

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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 **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

ENCODING MODULE, ASSOCIATED ENCODING ELEMENT, CONNECTOR, PRINTER-ENCODER AND ACCESS CONTROL SYSTEM

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

- executed concurrently herewith,
 executed on _____,
 Application No. 14/502,815; filed September 30, 2014,
 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.

9/29/16
Date

Boris Y. Tsirlin
Boris Y. Tsirlin, Ph.D.

Witness:

(Typed Name)

Witness:

(Typed Name)

(Signature)

(Signature)

Date: _____

Date: _____

- OR -

State of IL)

County of Cook)

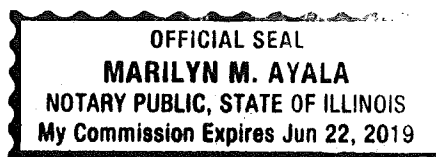
I, Marilyn M. Ayala, a Notary Public for said County and State, do hereby certify that **Boris Y. Tsirlin, Ph.D.** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 29th day of September, 2016.

(Official Seal)

Marilyn M. Ayala
Notary Public

My commission expires June 22, 2019



Date 9/29/16

Robert S. Gawelczyk
Robert S. Gawelczyk

Witness:

(Typed Name)

Witness:

(Typed Name)

(Signature)

(Signature)

Date: _____

Date: _____

- OR -

State of IL)
County of Cook)

I, Marilyn M. Ayala, a Notary Public for said County and State, do hereby certify that **Robert S. Gawelczyk** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 29th day of September, 2016.

(Official Seal)

Marilyn M. Ayala
Notary Public

My commission expires June 22, 2019



22 November 2016
Date

St R. Kko
Steven R. Kovanko

Witness:
JESSICA COLLIER LOVE
(Typed Name)

Witness:

(Typed Name)

[Signature]
(Signature)

(Signature)

Date: 22 NOV 2016

Date: _____

- OR -

State of Illinois)
County of Lake }

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

Witness my hand and official seal, this the 22 day of November, 2016.

(Official Seal)

[Signature]
Notary Public

My commission expires July 01, 2017



9/28/16
Date

[Signature]
Anthony Brown

Witness:

(Typed Name)

Witness:

(Typed Name)

(Signature)

(Signature)

Date: _____

Date: _____

- OR -

State of IL)
County of Cook)

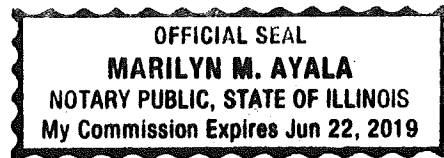
I, Marilyn M. Ayala, a Notary Public for said County and State, do hereby certify that **Anthony Brown** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 28th day of September, 2016.

(Official Seal)

[Signature]
Notary Public

My commission expires June 22, 2019



3/10/2017
Date

Mao Tian
Mao Tian

Witness:
Don Tian
(Typed Name)

Don Tian
(Signature)

Witness:
Peijuan Ji
(Typed Name)

Peijuan Ji
(Signature)

Date: 3/10/2017

Date: 3/10/2017

- OR -

State of _____)
County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that **Mao Tian** 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 _____

9/28/16
Date

Michael K. Fein
Michael K. Fein

Witness:

(Typed Name)

Witness:

(Typed Name)

(Signature)

(Signature)

Date: _____

Date: _____

- OR -

State of IL)
County of Cook)

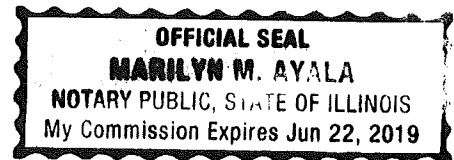
I, Marilyn M. Ayala, a Notary Public for said County and State, do hereby certify that **Michael K. Fein** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 28th day of September, 2016.

(Official Seal)

Marilyn M. Ayala
Notary Public

My commission expires June 22, 2019



Date 9/29/16

Christopher Aiello
Christopher Aiello

Witness:

Witness:

(Typed Name)

(Typed Name)

(Signature)

(Signature)

Date: _____

Date: _____

- OR -

State of IL)

County of COOK)

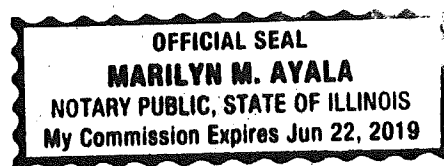
I, Marilyn M. Ayala, a Notary Public for said County and State, do hereby certify that **Christopher Aiello** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 29th day of September, 2016.

(Official Seal)

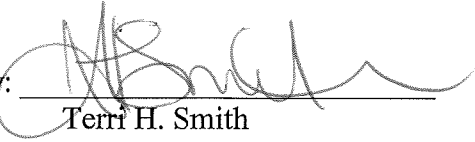
Marilyn M. Ayala
Notary Public

My commission expires June 22, 2019



Acknowledged and Agreed:

ZIH CORP.

By: 
Terri H. Smith
President