503058110 11/12/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3104712

re Al	Corrective Assignment to correct the ASSIGNEE ADDRESS previously ecorded on Reel 033554 Frame 0349. Assignor(s) hereby confirms the ADDRESS TO BE 475 HALF DAY ROAD, SUITE 500, LINCOLNSHIRE, LLINOIS 60069.

CONVEYING PARTY DATA

Name	Execution Date
CLIVE HOHBERGER	02/01/2010
DAVID WOMACK	03/06/2010
BRUCE ALLESHOUSE	02/01/2010
JAMES CLARK	02/01/2010
WOLFGANG STROBEL	02/09/2010

RECEIVING PARTY DATA

Name:	ZIH CORP.
Street Address:	475 HALF DAY ROAD, SUITE 500
City:	LINCOLNSHIRE
State/Country:	ILLINOIS
Postal Code:	60069

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13791084

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.

Phone: 704-444-1000

Email: patent-mail@alston.com

Correspondent Name: ALSTON & BIRD LLP

Address Line 1: 101 S TRYON ST, SUITE 4000
Address Line 2: BANK OF AMERICA PLAZA

Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000

ATTORNEY DOCKET NUMBER:	054054/430079
NAME OF SUBMITTER:	CHRISTOPHER J. GEGG
SIGNATURE:	/Christopher J. Gegg/
DATE SIGNED:	11/12/2014

503058110 PATENT REEL: 034208 FRAME: 0470

Total Attachments: 7 source=2014-11-12_Revised_Assignment_430079#page1.tif source=2014-11-12_Revised_Assignment_430079#page2.tif source=2014-11-12_Revised_Assignment_430079#page3.tif source=2014-11-12_Revised_Assignment_430079#page4.tif source=2014-11-12_Revised_Assignment_430079#page5.tif source=2014-11-12_Revised_Assignment_430079#page6.tif source=2014-11-12_Revised_Assignment_430079#page7.tif

PATENT REEL: 034208 FRAME: 0471

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2985566

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CLIVE HOHBERGER	02/01/2010
DAVID WOMACK	03/06/2010
BRUCE ALLESHOUSE	02/01/2010
JAMES CLARK	02/01/2010
WOLFGANG STROBEL	02/09/2010

RECEIVING PARTY DATA

Name:	ZIH CORP.	
Street Address:	475 HALF DAY ROAD, SUITE 500	
City:	LINCOLNSHIRE	
State/Country:	ILLINOIS	
Postal Code:	60069	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13791084

CORRESPONDENCE DATA

Fax Number: (704)444-1111

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Phone: 7044441000

Email: patent-mail@alston.com

Correspondent Name: ALSTON & BIRD LLP

Address Line 1: 101 S. TRYON STREET, SUITE 4000

Address Line 2: BANK OF AMERICA PLAZA

Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000

ATTORNEY DOCKET NUMBER: 054054/430079

NAME OF SUBMITTER: CHRISTOPHER J. GEGG

SIGNATURE: /Christopher J. Gegg/

DATE SIGNED: 08/18/2014

Total Attachments: 6

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PATENT REEL: 034208 FRAME: 0472

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.

—Pearman-Building——

-3 Gorham Road, 3rd Floor—

-Hamilton, BERMUDA HM 98—

475 Half Day Road, Suite 500 Lincolnshire, Illinois 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 "DIRECT THERMAL MEDIA AND REGISTRATION SENSOR SYSTEM FOR USE IN A COLOR THERMAL PRINTER"

as set forth in this United States Patent Application

	executed concurrently herewith	
	executed on	
\boxtimes	Application No. 61/289,264; filed December 22, 2009	11
	Application claims priority from Application No. , filed	, all applications listed
	above being hereinafter referred to as the "application(s)";	

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.

Atty Dkt: 054054/376709

PATENT REEL: 034208 FRAME: 0473 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 December 22, 2009 (the earliest priority date).

2/1/10
Date

Clive Hohberger

State of /LLINOIS

County of LAKE

I, JUDITH I ROTHSTEM a Notary Public for said County and State, do hereby certify that Clive Hohberger personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 157 day of FEBRUARY, 2010.

(Official Seal)

My commission expires

OFFICIAL SEAL
JUDITH I ROTHSTEIN
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:10/29/13

3/6/10	A Worreck
Date	David Womack
State of <u>Illinois</u>	
County of Mckeny	
I, Knylygow P. Stovew, a Not certify that David Womack personally appe execution of the foregoing instrument.	ary Public for said County and State, do hereby ared before me this day and acknowledged the due
Witness my hand and official seal, this the _	6 day of March, 2010.
(Official Seal)	Kachley Potenen
My commission expires 315-12	Notary Public
OFFICIAL SEAL KATHLEEN P STEVENS NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:03/15/12	

2/1/2010 Date	Bruce Willes house Bruce Alleshouse
State of ILLINOIS	
County of LAKE	
certify that Bruce Alleshouse perso the due execution of the foregoing i	this the ST day of FERRUARY, 2010.
	OFFICIAL SEAL JUDITH I ROTHSTEIN NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:10/29/13

Feb 1, 2010	James 2 Clark
Date	James Clark
State of Illinois County of Label	
I, JUDITH I POTKEW a Not certify that James Clark personally appeadue execution of the foregoing instrument	ary Public for said County and State, do hereby red before me this day and acknowledged the
Witness my hand and official seal, this the	157 day of February, 2010.
(Official Seal)	Notary Public States
My commission expires/0/29/13	Notary Public P
	OFFICIAL SEAL JUDITH ! ROTHSTEIN NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES: 107042

2/9/10	U. Stubel
Date	Wolfgang Strobel
State of Rhode Island. County of PROVIDENCE	
County of FROUTGERICE	
certify that Wolfgang Strobel personal execution of the foregoing instrument.	
Witness my hand and official seal, this	s the 9th day of February, 2010.
(Official Seal)	Notary Public
NOTA	BE GOUVIN RY PÜBLIC N EXPIRES 4/16/2010

RECORDED: 11/12/2014