

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5851854

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MU-KAI SHEN	03/08/2019
YANMIN MAO	03/14/2019
I-HENG TSAI	03/12/2019
HUANG CHIH HUANG	03/18/2019
JAEHO CHOI	03/12/2019
MARK X. LAMONT	12/02/2019
CARL A. THELEMANN	06/03/2019
BO XU	03/22/2019
XINGHUA SHI	03/14/2019
RECEIVING PARTY DATA	
Name:	ZEBRA TECHNOLOGIES COPORATION
Street Address:	3 OVERLOOK POINT
City:	LINCOLNSHIRE
State/Country:	ILLINOIS
Postal Code:	60069
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16297110
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:	847-595-1305
Email:	Docketing@zebra.com
Correspondent Name:	ZEBRA TECHNOLOGIES CORPORATION
Address Line 1:	3 OVERLOOK POINT
Address Line 4:	LINCOLNSHIRE, ILLINOIS 60069
ATTORNEY DOCKET NUMBER:	152941US01
NAME OF SUBMITTER:	GEOLEN E. VERNON

SIGNATURE:	/Geolen E. Vernon/
DATE SIGNED:	12/05/2019
Total Attachments: 11 source=152941US01-Assignment#page1.tif source=152941US01-Assignment#page2.tif source=152941US01-Assignment#page3.tif source=152941US01-Assignment#page4.tif source=152941US01-Assignment#page5.tif source=152941US01-Assignment#page6.tif source=152941US01-Assignment#page7.tif source=152941US01-Assignment#page8.tif source=152941US01-Assignment#page9.tif source=152941US01-Assignment#page10.tif source=152941US01-Assignment#page11.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 **ZEBRA TECHNOLOGIES CORPORATION** ("Assignee"), a corporation 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

MODULAR EXTERNAL FRAME FOR MOBILE COMPUTING DEVICES

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

- executed concurrently herewith,
- executed on _____
- Application No. 16/297,110; filed March 8, 2019,
- 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.

Mar. 14, 2019
Date

Yanmin Mao
Yanmin Mao

Witness:
Ken Taylor
(Typed Name)

Ken Taylor
(Signature)

Witness:
ANDREW ELLIS
(Typed Name)

Andrew Ellis
(Signature)

Date: MAR. 14, 2019

Date: MARCH 14 2019

- OR -

State of _____)
County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that **Yanmin Mao** 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 _____, 2019.

(Official Seal)

Notary Public

My commission expires _____

2019.03.12
Date

I-Heng Tsai
I-Heng Tsai

Witness:
YEN MAN-CHING
(Typed Name)

Witness:
CHEN LIAO-HSUN
(Typed Name)

[Signature]
(Signature)

Chen Liao Hsun
(Signature)

Date: 2019.3.18

Date: 2019. 03. 18

- OR -

State of _____)
County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that **I-Heng Tsai** 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 _____, 2019.

(Official Seal)

Notary Public

My commission expires _____

Mar. 18, 2019
Date

Huang Chih Huang
Huang Chih Huang

Witness:
YEN MAN-CHENG
(Typed Name)

Witness:
CHEN LIAO-HSUN
(Typed Name)

Yen Man-cheng
(Signature)

Chen Liao Hsun
(Signature)

Date: 2019.03.18

Date: 2019. 03. 18

- OR -

State of _____)

County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that **Huang Chih Huang** 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 _____, 2019.

(Official Seal)

Notary Public

My commission expires _____

3/12/2019
Date

[Signature]
JaeHo Choi

Witness:
Benjamin Stibal
(Typed Name)

Witness:
Jiwei Huang
(Typed Name)

[Signature]
(Signature)

[Signature]
(Signature)

Date: 3/12/2019

Date: 03/12/2019

- OR -

State of _____)

County of _____)

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

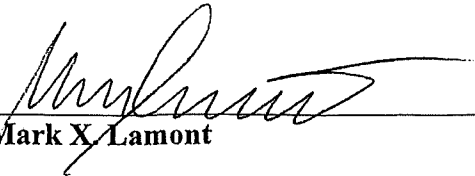
Witness my hand and official seal, this the _____ day of _____, 2019.

(Official Seal)

Notary Public

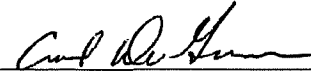
My commission expires _____

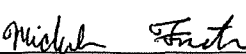
12/2/2019
Date


Mark X. Lamont

Witness:
Carl DeGiovine
(Typed Name)

Witness:
Michele Feinstein
(Typed Name)


(Signature)


(Signature)

Date: 12/2/2019

Date: 12/2/2019

- OR -

State of _____)
County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that **Mark X. Lamont** 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 _____, 2019.

(Official Seal)

Notary Public

My commission expires _____

6/3/19
Date

Carl Thelemann
Carl A. Thelemann

Witness:
CARL DEGISVINE
(Typed Name)

Witness:
Edward M. Voli
(Typed Name)

Carl Thelemann
(Signature)

Edward M. Voli
(Signature)

Date: 6/3/19

Date: 6/3/19

- OR -

State of _____)
County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that **Carl A. Thelemann** 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 _____, 2019.
(Official Seal)

Notary Public

My commission expires _____

March 22, 2019
Date

[Signature]
Bo Xu

Witness:
Yanmin Mao
(Typed Name)

Witness:
XINGHUA SHI
(Typed Name)

[Signature]
(Signature)

[Signature]
(Signature)

Date: Mar. 22, 2019

Date: Mar. 22, 2019

- OR -

State of _____)

County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that **Bo Xu** 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 _____, 2019.

(Official Seal)

Notary Public

My commission expires _____

Mar. 14, 2019
Date

Xinghua Shi
Xinghua Shi

Witness:
ANDREW ELLIS
(Typed Name)

[Signature]
(Signature)

Witness:
KEN TAYLOR
(Typed Name)

[Signature]
(Signature)

Date: MARCH 14, 2019

Date: MAR. 14. 2019

- OR -

State of _____)
County of _____)

I, _____, a Notary Public for said County and State, do hereby certify that **Xinghua Shi** 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 _____, 2019.


(Official Seal)

Notary Public

My commission expires _____

Acknowledged and Agreed:

ZEBRA TECHNOLOGIES CORPORATION

By: 

Terri H. Smith
Vice President, Chief Intellectual Property Counsel