

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5285715

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
MARVELL INTERNATIONAL LTD.		12/06/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HUAWEI TECHNOLOGIES CO., LTD.	
<b>Street Address:</b>	HUAWEI ADMINISTRATION BUILDING	
<b>Internal Address:</b>	BANTIAN, LONGGANG DISTRICT	
<b>City:</b>	SHENZHEN	
<b>State/Country:</b>	CHINA	
<b>Postal Code:</b>	518129	
<b>PROPERTY NUMBERS Total: 17</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	61321390	
Application Number:	61307780	
Application Number:	61294729	
Application Number:	61260729	
Application Number:	61259584	
Application Number:	61255038	
Application Number:	61254608	
Application Number:	12910608	
Application Number:	12910628	
Application Number:	14269976	
Application Number:	15063218	
Application Number:	61360828	
Application Number:	61703593	
Application Number:	13174186	
Application Number:	14703416	
Application Number:	14033120	
Application Number:	14679547	
<b>CORRESPONDENCE DATA</b>		

**Fax Number:** (469)277-5901

***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:** BANTIAN, LONGGANG DISTRICT

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<b>NAME OF SUBMITTER:</b>	SHUANG LIU
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<b>SIGNATURE:</b>	/Shuang Liu/
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<b>DATE SIGNED:</b>	12/17/2018
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**Total Attachments: 2**

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source=(US)-Assignment (FINAL) 12\_3\_18 (FULLY EXECUTED).doc#page2.tif

Assignment of Patent Rights

**WHEREAS**, Marvell International Ltd., a corporation organized under the laws of Bermuda, ("Assignor") owns the patent application, as listed below ("Transferred Patents"); and

**WHEREAS**, Huawei Technologies Co., Ltd., a corporation organized under the laws of China, (the "Assignee"), desires to acquire all interest of Assignor in, to and under the Transferred Patents;

**WHEREAS**, Assignor and Assignee executed certain Patent Purchase Agreement concurrently ("Purchase Agreement");

**NOW, THEREFORE**, for good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which hereby is acknowledged, Assignor does hereby sell, transfer, assign and deliver unto Assignee its entire interest in and to the Transferred Patents, including all divisions, continuations, reexaminations, reissues, and foreign counterparts of the applications and patent registrations for the Transferred Patents (and the right to claim priority and the right to apply for any of the foregoing); and all rights to causes of action and remedies related thereto (including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to the foregoing).

Application Number	Publication Number/Patent Number	File Date	Publication Date/Patent Date
61/321,390		2010/4/6	
61/307,780		2010/2/24	
61/294,729		2010/1/13	
61/260,729		2009/11/12	
61/259,584		2009/11/9	
61/255,038		2009/10/26	
61/254,608		2009/10/23	
US12/910608	US9294164	2010/10/22	2016/3/22
US12/910628	US8724546	2010/10/22	2014/5/13
US14/269976	US9281877	2014/5/5	2016/3/8
US15/063218	US20160191127	2016/3/7	2016/6/30
61/360,828		2011/7/3	
61/703,593		2013/9/22	
US13/174186	US9025681	2011/6/30	2015/5/5
US14/703416	US9716607	2015/5/4	2017/7/25
US14/033120	US9001908	2013/9/20	2015/4/7
US14/679547	US9729371	2015/4/6	2017/8/8

**FURTHER**, Assignor hereby covenants and agrees to execute and deliver, at the request of Assignee, such further instruments of transfer and assignment and to take any other action as such Assignee may reasonably request to more effectively consummate the assignments contemplated by this Assignment. Specifically, Assignor agrees to execute, acknowledge and deliver such further documents, instruments, conveyances and assurances and take such further actions as may be reasonably required to register in the name of Assignee the assignment of the Patent in any appropriate governmental agency or registrar.

**FURTHER**, Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or other governmental grants or issuances that may be granted upon any of the Patents in the name of Assignee. IN WITNESS WHEREOF this Assignment of Patent Rights is executed at

Hamilton, Bermuda On the date of 6 December 2018

ASSIGNOR

By: [Signature]

Name: Sherman Taylor

Title: General Manager

(Signature MUST be notarized)

STATE OF

COUNTY OF

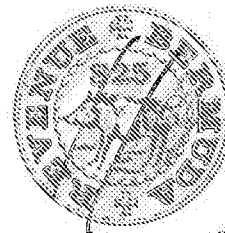
On 6 Dec 2018, before me, JANITA K BURKE, Notary Public in and for said State, personally appeared SHERMAN TAYLOR, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that h/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument,

WITNESS my hand and official seal.

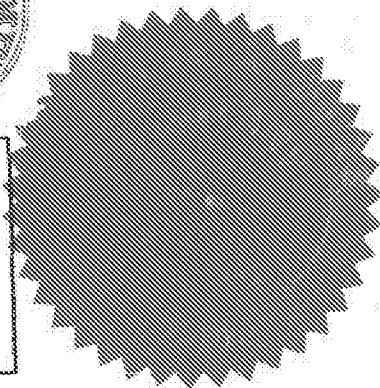
Signature

[Signature]

(Seal)



Janita K. Burke  
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