

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4223392

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	LICENSE
CONVEYING PARTY DATA	
Name	Execution Date
MARVELL WORLD TRADE LTD.	12/08/2016
RECEIVING PARTY DATA	
Name:	MARVELL INTERNATIONAL LTD.
Street Address:	CANON'S COURT, 22 VICTORIA STREET
City:	HAMILTON
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15370796
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SIGNATURE:	/KELVIN VIVIAN/
DATE SIGNED:	01/12/2017
Total Attachments: 1	
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EXCLUSIVE LICENSE

Marvell World Trade Ltd., a Barbados corporation, having a principal place of business at L'Horizon, Gunsite Road, Brittons Hill, St. Michael, Barbados BB14027 and (hereafter the "Licensor"), is the owner by respective Assignment of the patent application identified below and including all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties (hereafter sometimes called the "Patent Application").

Marvell International Ltd., a corporation of Bermuda, having a place of business at Canon's Court, 22 Victoria Street, Hamilton, HM12, Bermuda (hereafter the "Licensee"), desires to exclusively license in perpetuity all of the rights to the Patent Application and all inventions described and claimed therein.

THEREFORE, in consideration of the sum of One Dollar (\$1.00) US or equivalent and other good and valuable consideration paid to it, Licensor hereby exclusively licenses worldwide and in perpetuity to the Licensee the entire right and interest in and to the Patent Application identified below:

<u>Marvell International Ltd. Case No.</u>	<u>U.S. Serial No.</u>	<u>U.S. Filing Date</u>	<u>Title</u>
MP6449-006200US	15/370,796	12/06/2016	ALL-DIGITAL PHASE LOCKED LOOP (ADPLL) INCLUDING A DIGITAL-TO-TIME CONVERTER (DTC) AND A SAMPLING TIME-TO-DIGITAL CONVERTER (TDC)
MP6449PR	62279922	1/18/2016	DTC-BASED ADPLL ARCHITECTURE

IN WITNESS WHEREOF, executed by the Licensor's undersigned representative on the date following the undersigned's name.

MARVELL WORLD TRADE LTD.
By: 
Steven Parker

MARVELL INTERNATIONAL LTD.
By: 
Sherman Taylor

Title: Director

Title: General Manager

Date: DECEMBER 8, 2016

Date: 8 December 2016