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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	LICENSE

CONVEYING PARTY DATA

Name	Execution Date
Marvell World Trade Ltd.	01/03/2012

RECEIVING PARTY DATA

Name:	Marvell International Ltd.	
Street Address:	Argyle House, 41A Cedar Avenue	
City:	Hamilton	
State/Country:	BERMUDA	
Postal Code:	Hm12	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13335789

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MP3987
NAME OF SUBMITTER:	HORACE NG

Total Attachments: 1

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PATENT REEL: 027476 FRAME: 0920

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 Argyle House, 41A Cedar Avenue, 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:

Marvell International Ltd. Case No.	<u>U.S. Serial</u> <u>No.</u>	U.S. Filing Date	<u>Title</u>
MP3987	13/335,789	12/22/2011	Cyclic Shift Delay Techniques For WLAN Multi-Radio Devices
MP3987PR	61/430,428	01/06/2011	160 MHz CSD IN 802.11ac

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

By: Steven Parker	MARVELL INTERNATIONAL LTD. By: Carol Feathers
Title: <u>Director</u>	Title: General Manager
Date: JANUARY 3, 2012	Date: 29 Dec 2011

PATENT REEL: 027476 FRAME: 0921

RECORDED: 01/04/2012