

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Kiran Gunnam		08/05/2008
Nedeljko Varnica		08/05/2008
RECEIVING PARTY DATA		
Name:	Marvell Semiconductor, Inc.	
Street Address:	5488 Marvell Lane	
City:	Santa Clara	
State/Country:	CALIFORNIA	
Postal Code:	95054	
PROPERTY NUMBERS Total: 3		
Property Type	Number	
Application Number:	12187858	
Application Number:	60956553	
Application Number:	60978912	
CORRESPONDENCE DATA		
Fax Number:	(212)596-9090	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Email:	maxine.lee@ropesgray.com	
Correspondent Name:	Maxine Lee	
Address Line 1:	Ropes & Gray LLP	
Address Line 2:	1211 Avenue of the Americas	
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ATTORNEY DOCKET NUMBER:	MP2110	
NAME OF SUBMITTER:	Maxine Lee	
Total Attachments: 3		

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PATENT

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

Kiran Gunnam and Nedeljko Varnica

who have created a certain invention for which an application for United States Letters Patent was executed by us concurrently herewith and entitled:

A GENERIC ENCODER FOR LOW-DENSITY PARITY-CHECK (LDPC) CODES

Do hereby sell, assign and transfer to Marvell Semiconductor, Inc., a corporation of California, having a place of business at 5488 Marvell Lane, Santa Clara, CA 95054, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor 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;

Do hereby further sell, assign and transfer to Marvell Semiconductor, Inc., its successors, assigns, and legal representatives, the full and exclusive right to United States Provisional Patent Applications(s) No(s). 60/956,553 filed August 17, 2007 and 60/978,912 filed October 10, 2007 to any and all inventions described in said provisional patent application(s) for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be entitled to the benefit thereof 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;

Agree that Marvell Semiconductor, Inc., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Docket#: MP2110

PATENT

IN TESTIMONY WHEREOF we have hereunto set OUR signatures on the dates indicated below.

Full Name of First Inventor:	
Kiran Gunnam	
Inventor's Signature:	Date: Month/Day/Year
G. Kiran Kumar	08/05/08

Full Name of Second Inventor:	
Nedeljko Varnica	
Inventor's Signature:	Date: Month/Day/Year

Docket#: MP2110

PATENT

IN TESTIMONY WHEREOF we have hereunto set OUR signatures on the dates indicated below.

Full Name of First Inventor:	
Kiran Gunnam	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Second Inventor:	
Nedeljko Varnica	
Inventor's Signature:	Date: Month/Day/Year
<i>Nedeljko Varnica</i>	08/05/08