

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Takehito Sasaki	01/03/2012
RECEIVING PARTY DATA	
Name:	Mark Cummings PhD
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13290760
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NAME OF SUBMITTER:	William J. James
Total Attachments: 1 source=CUMMP002 Executed Assignment#page1.tif	

CH \$40.00 13290760

## ASSIGNMENT OF PATENT APPLICATION

Whereas I have invented jointly with Mark Cummings certain new and useful improvements as set forth in the patent application entitled:


### INTEGRATED CIRCUIT DESIGN AND OPERATION

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on November 7, 2011, and which bears the Application No. 13/290,760 (the "Application");

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby:

- 1) Sell, assign, and transfer to my co-inventor Mark Cummings, Ph.D., an individual, residing at 348 Camino al Lago, Atherton, CA 94027, (hereinafter referred to as "ASSIGNEE"), my entire right title and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application and/or in any provisional application to which the above referenced application claims priority.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said Application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

1) Signature:   
Typed Name: Takehito Sasaki

Date: Jan 3, 2012