PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				

CONVEYING PARTY DATA

Name	Execution Date
Shih-Lin S. Lee	06/02/2011
Peter J. McElheny	06/02/2011
Preminder Singh	06/12/2011
Shankar Sinha	06/03/2011

RECEIVING PARTY DATA

Name:	Altera Corporation					
Street Address:	101 Innovation Drive					
City:	San Jose					
State/Country:	CALIFORNIA					
Postal Code:	95134					

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13149249

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Kajsa Soss

Total Attachments: 3

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PATENT REEL: 026714 FRAME: 0584

ASSIGNMENT

WHEREAS, We, Shih-Lin S. Lee, Peter J. McElheny, Preminder Singh, and Shankar Sinha, residing respectively in San Jose, California, Morgan Hill, California, Fremont, California, and Redwood City, California, have made an invention entitled:

MULTIPORT MEMORY ELEMENT CIRCUITRY

for which we have made application for United States Letters Patent on May 31, 2011 as United States Patent Application No. 13/149,249; and

WHEREAS, ALTERA CORPORATION, a corporation organized and existing under the laws of the State of California and having an address of 101 Innovation Drive, San Jose, California 95134, is desirous of acquiring the entire interest in said invention, said United States patent application and in any Letters Patent which may issue thereon;

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said ALTERA CORPORATION, its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations—in—part and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention

based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said ALTERA CORPORATION as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.

06/02/2011	Mhd
Date	Shih-Lin S. Lee
06/02/1/ Date	Feter J. McElhen
Dáte	Peter/J./McElhenk/
Date	Preminder Singh
06/03/11	Shanker Link
/Daté	Shankar Sinha

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