

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Vinh Ho</td> <td>11/19/2012</td> </tr> <tr> <td>Magathi Jayaram</td> <td>11/19/2012</td> </tr> <tr> <td>Hamid Ghezel</td> <td>11/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Vinh Ho	11/19/2012	Magathi Jayaram	11/19/2012	Hamid Ghezel	11/19/2012
Name	Execution Date								
Vinh Ho	11/19/2012								
Magathi Jayaram	11/19/2012								
Hamid Ghezel	11/19/2012								
RECEIVING PARTY DATA									
Name:	Lattice Semiconductor Corporation								
Street Address:	5555 NE Moore Ct								
City:	Hillsboro								
State/Country:	OREGON								
Postal Code:	97124								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13681782</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13681782				
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Application Number:	13681782								
CORRESPONDENCE DATA									
Fax Number:									
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	503-268-8629								
Email:	mark.becker@latticesemi.com								
Correspondent Name:	Mark L Becker								
Address Line 1:	5555 NE Moore Ct								
Address Line 4:	Hillsboro, OREGON 97124								
ATTORNEY DOCKET NUMBER:	L12-008US								
NAME OF SUBMITTER:	Mark L Becker								
<p>Total Attachments: 4</p> <p>source=Assignment and Agreement - Vinh, Magathi and Hamid#page1.tif</p> <p>source=Assignment and Agreement - Vinh, Magathi and Hamid#page2.tif</p> <p>source=Assignment and Agreement - Vinh, Magathi and Hamid#page3.tif</p> <p>source=Assignment and Agreement - Vinh, Magathi and Hamid#page4.tif</p>									

CH \$40.00 13681782

Customer No.: 29416
Lattice Ref.: L12-008

Attorney Docket No. 1054.091

ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

Vinh Ho of ***Milpitas*** in the State of California,
Qin Wei of ***San Jose*** in the State of California,
Magathi Jayaram of ***San Jose*** in the State of California,
Hamid Ghezel of ***Santa Cruz*** in the State of California,

hereby sell, assign and transfer to Lattice Semiconductor Corporation, a corporation of the State of Delaware, having an office at 5555 N.E. Moore Ct., Hillsboro, Oregon 97124-6421, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **MULTI-CHANNEL TRANSMITTER SYNCHRONIZATION CIRCUITRY** described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Lattice Semiconductor Corporation the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Lattice Semiconductor Corporation to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lattice Semiconductor Corporation to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.


I request that any and all patents for said inventions be issued to Lattice Semiconductor Corporation in the United States and in all countries foreign to the United States, or to such nominees as Lattice Semiconductor Corporation may designate.

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I agree that, when requested, I shall, without charge to Lattice Semiconductor Corporation but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.



Vinh Ho

Date: 11/19/12

Customer No.: 29416
Lattice Ref.: L12-008

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Attorney Docket No. 1054.091

Magathi Jayaram

Magathi Jayaram

Date: 19th Nov 2012

Customer No.: 29416
Lattice Ref.: L12-008

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Attorney Docket No. 1054.091



Hamid Ghezel

Date: 11/19/2012

Lattice Semiconductor Corporation
5555 N.E. Moore Ct.
Hillsboro, Oregon 97124-6421