PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2781893

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| TEODORO MARENA | 03/19/2014 |
| GRANT JENNINGS | 03/18/2014 |

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

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14223096 |

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 503-268-8629

mark.becker@latticesemi.com Email:

Correspondent Name: LATTICE SEMICONDUCTOR CORPORATION

Address Line 1: 5555 NE MOORE COURT

HILLSBORO, OREGON 97124-6421 Address Line 4:

| ATTORNEY DOCKET NUMBER: | L013-018C1US |
|-------------------------|---------------|
| NAME OF SUBMITTER: | MARK L BECKER |
| SIGNATURE: | /Mark Becker/ |
| DATE SIGNED: | 03/24/2014 |

Total Attachments: 3

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> **PATENT** REEL: 032507 FRAME: 0577 502735287

Customer No.: 29416 Attorney Docket No. <u>L13-018</u>

Our Ref.: 1054.103

ASSIGNMENT AND AGREEMENT

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

Ted Marena of **San Jose** in the State of California, **Grant Jennings** of **Hillsboro** in the State of Oregon,

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 **COMMUNICATING WITH MIPI-COMPLIANT DEVICES USING NON-MIPI INTERFACES** 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.

PATENT REEL: 032507 FRAME: 0578 Customer No.: 29416 Our Ref.: 1054.103

Attorney Docket No. <u>L13-018</u>

2

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.

|--|

Téodoro Marena

| Date: | |
|-------|--|
| | |

Grant Jennings

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

Customer No.: 29416 Our Ref.: 1054.103

2

Attorney Docket No. <u>L13-018</u>

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Ted Marena

Date: 3-18-2014

Grant Jennings

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

PATENT REEL: 032507 FRAME: 0580

RECORDED: 03/24/2014