

SEP 10 2002

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Bradley A. Sharpe-Geisler

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Lattice Semiconductor CorporationAddress: 5555 NE Moore CourtHillsboro, OR 97124-6421

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____
Execution Date: July 3, 2002Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

A. Patent Application No.: 10,146,826

B. Confirmation No.: 7711

Title: **OUTPUT BUFFER WITH FEEDBACK FROM
AN INPUT BUFFER TO PROVIDE
SELECTABLE PCL, GTL, OR PECL
COMPATIBILITY**

Filed Date: May 16, 2002

C. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

If this document is being filed together with a new application, the execution date of the application is: _____

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Martin C. FlieslerAddress: Fliesler Dubb Meyer & Lovejoy LLPFour Embarcadero Center, Fourth FloorSan Francisco, CA 94111Telephone: (415) 362-38006. Total Number of applications and patents involved: 1 X \$40.00 each7. Total fee (37 CFR 3.41).....\$ 40.00☒ Check Enclosed

8. Fee Authorization. Authorization is given to charge any additional fees or credit any overpayment to Deposit Account No. 06-1325.

Copy. (A duplicate copy of this authorization is not enclosed.)

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

THOMAS A. WARD
Attorney (Reg. No.: 35,732)

Signature

Date

8/21/0210. Total number of pages to be recorded: 3 (1 page cover sheet and 2 page document).

Attorney Docket No.: LATC-01018US1 MCF/TAW
taw/latc/1018US1/01018US1.110

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09/05/2002 BSA/TAST1 00000063 10146826

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PATENT
REEL: 13261 FRAME: 0120

SOLE TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned, Bradley A. Sharpe-Geisler, a resident of 1416 Dot Court, San Jose, California, (hereinafter termed "Inventor"), has invented certain new and useful improvements in:

OUTPUT BUFFER WITH FEEDBACK FROM AN INPUT BUFFER TO PROVIDE SELECTABLE PCL, GTL, OR PECL COMPATIBILITY

and has executed a declaration or oath for an application for a United States patent disclosing and identifying the invention.

WHEREAS Lattice Semiconductor Corporation (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 5555 NE Moore Court, State of Oregon, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any and all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions;

provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, said Inventor's heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that said Inventor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventor has executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignee this application having SC/Serial Number 10/146,826 and filed on the 16 day of May, 2002.

Bradley A. Sharpe-Geisler
(Inventor's Signature)

State of California)
County of Santa Clara)

On July 3, 2002 before me, Michele L Reed, Notary,
(name and title of officer)

personally appeared Bradley A. Sharpe-Geisler, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Michele L Reed


