

06-09-2003



SHEET
LY

S-28-03

TO THE HONORABLE DIRECTOR
ORIGINAL DOCUMENTS OR COPY RECEIVED
102468096

TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED

1. Name of conveying parties:

- (a) Fulong Zhang
- (b) William B. Andrews
- (c) Phillip Johnson
- (d) Hal Scholz
- (e) Zheng (Jeff) Chen
- (f) John Schadt

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party:

Name: Lattice Semiconductor Corporation
 Street Address: 5555 N.E. Moore Court
 City: Hillsboro State: Oregon
 Country: U.S.A.

Additional name(s) of receiving party(ies) attached?

Yes No

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 05/16/2003; 05/13/2003; 05/19/2003; 05/13/2003;
05/14/2003; 05/15/2003

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

If this document is being filed together with a new application, the execution date of the application is: 05/16/2003; 05/13/2003;
05/19/2003; 05/13/2003; 05/14/2003; 05/15/2003

A. Patent Application No.(s) -

Title: Digitally Controlled Delay Cells

B. Patent No.(s)

10447451

Additional numbers attached? Yes No

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

Name: Greg J. Michelson
 Internal Address: MACPHERSON, KWOK CHEN & HEID LLP
 Street Address: 2402 Michelson Drive, Suite 210
 City Irvine State CA Zip 92612

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41): \$40.00

- Authorized to be charged to Deposit Account 50-2257.
- Charge Deposit Account 50-2257 for any additional fees required for this conveyance and credit deposit account 50-2257 any amounts overpaid

06/05/2003 TDIAZ1 00000125 502257 10447451
 01 FC:8021 40.00 CH

DO NOT USE THIS SPACE

8. 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.

Greg J. Michelson 44,940
Name of Person Signing

Greg J. Michelson
Signature

S-28-03
Date

Total number of pages comprising cover sheet: 5

JCS21 U.S. PTO
 10/447451
 05/28/03

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

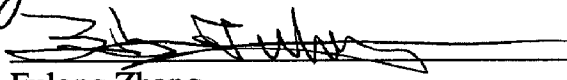
| | | |
|--------------------|----|------------------|
| Fulong Zhang | of | Willow Grove, PA |
| William B. Andrews | of | Allentown, PA |
| Phillip Johnson | of | Allentown, PA |
| Hal Scholz | of | Allentown, PA |
| Zheng (Jeff) Chen | of | Allentown, PA |
| John Schadt | of | Allentown, PA |

hereby sell, assign and transfer to **Lattice Semiconductor Corporation**, a Delaware corporation, having a place of business at 5555 N.E. Moore Court, Hillsboro, Oregon 97124-6421, its successors and assigns, the entire right, title and interest throughout the world in our invention in

Digitally Controlled Delay Cells

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 16th day of May, 2003.




 Fulong Zhang

State of PA)
) ss
 County of Northampton

On May 16, 2003, before me, Sharon Brunovsky personally appeared Fulong Zhang personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



 Signature of NOTARY

| |
|---|
| Notarial Seal Sharon L. Brunovsky, Notary Public City of Bethlehem, Northampton County My Commission Expires Nov. 18, 2006 |
|---|

Executed this 13th day of May, 2003.

William B. Andrews
William B. Andrews

State of PA)
) SS
County of Northampton

On May 13, 2003, before me, Sharon Brunovsky personally appeared Bill Andrews personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Notarial Seal
Sharon L. Brunovsky, Notary Public
City of Bethlehem, Northampton County
My Commission Expires Nov. 18, 2006

WITNESS my hand and official seal.

Sharon L. Brunovsky
Signature of NOTARY

Executed this 19th day of May, 2003.

Phillip Johnson
Phillip Johnson

State of PA)
) SS
County of Northampton

On May 19th, 2003, before me, Sharon Brunovsky personally appeared Phillip Johnson personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Sharon L. Brunovsky
Signature of NOTARY

Notarial Seal
Sharon L. Brunovsky, Notary Public
City of Bethlehem, Northampton County
My Commission Expires Nov. 18, 2006

Executed this 13th day of May, 2003.

[Signature]
Hal Scholz

State of PA)
) SS
County of Northampton

On May 13, 2003, before me, Sharon Brunovsky personally appeared Hal Scholz personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Notarial Seal
Sharon L. Brunovsky, Notary Public
City of Bethlehem, Northampton County
My Commission Expires Nov. 18, 2006

WITNESS my hand and official seal.

[Signature]
Signature of NOTARY

Executed this 14th day of May, 2003.

[Signature]
Zheng (Jeff) Chen

State of PA)
) SS
County of Northampton

On May 14th, 2003, before me, Sharon Brunovsky personally appeared Jeff Chen personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Notarial Seal
Sharon L. Brunovsky, Notary Public
City of Bethlehem, Northampton County
My Commission Expires Nov. 18, 2006

WITNESS my hand and official seal.

[Signature]
Signature of NOTARY

Executed this 15th day of May, 2003.

John C. Schadt
John Schadt

State of PA)
) ss

County of Northampton

On May 15th 2003, before me, Sharon Brunovsky personally appeared John Schadt personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Sharon Brunovsky
Signature of NOTARY

Notarial Seal
Sharon L. Brunovsky, Notary Public
City of Bethlehem, Northampton County
My Commission Expires Nov. 18, 2006