

RECORDATION F
PAT

04-17-2003

4-8-03



102422041

FOR THE ATTACHED

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE FOR ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying parties:

(a) Chan-Chi Jason Cheng
 (b) Bradley Felton
 (c) Satwant Singh
 (d) Andrew Armitage

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 Ct.
 City: Hillsboro State: OR
 Country: U.S.A.

Additional name(s) of receiving party(ies) attached?
 Yes No

J1131 U.S. PTD
10/409543
04/08/03

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 03/11/2003; 04/08/2003; 03/17/2003; 04/08/2003

4. Application number(s) or patent number(s): 10,409,543

If this document is being filed together with a new application, the execution date of the application is: 03/11/2003; 04/08/2003; 03/17/2003; 04/08/2003

A. Patent Application No.(s) -
 Title: Configurable Memory With Data Rate Adaptation

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Jon W. Hallman
 Internal Address: MACPHERSON, KWOK CHEN & HEID LLP
 Street Address: 2001 Gateway Place, Suite 195E
 City: San Jose State: CA Zip: 95110

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

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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.

Jon W. Hallman 42,622
 Name of Person Signing Signature Date 4/8/03

Total number of pages comprising cover sheet: 4

ASSIGNMENT

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

Chan-Chi Jason Cheng

~~Jason Cheng~~ of Fremont, California
Bradley Felton of Fremont, California
Satwant Singh of Fremont, California
Andrew Armitage of Corsham, England

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

Configurable Memory With Data Rate Adaptation

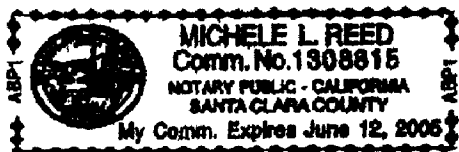
for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing 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 11th day of March, 2003.

Chan-Chi Jason Cheng
Jason Cheng *Chan-Chi Jason Cheng*

State of California)
) ss
County of Santa Clara

On March 11th 2003, before me, Michele L Reed personally appeared Chan-Chi Jason Cheng 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.
Michele L Reed

Signature of NOTARY

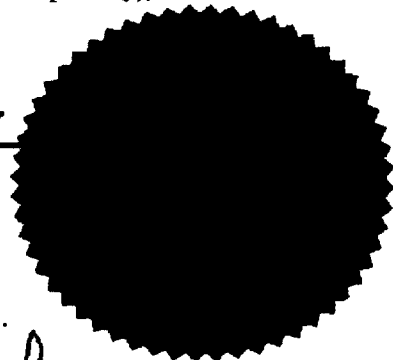
Executed this 8th day of April, 2003.

Bradley Felton
Bradley Felton

State of United Kingdom & St. Britain & N. Ireland) ss
County of Wiltshire)

On 8th April 2003, before me, ANDREW J. GILL personally appeared BRADLEY FELTON 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]
Signature of NOTARY

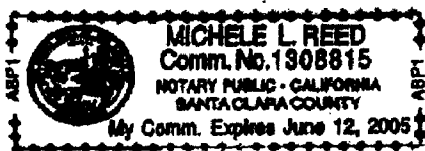


Executed this 17th day of March, 2003.

Satwant Singh
Satwant Singh

State of California)
County of Santa Clara) ss

On March 17th 2003, before me Michele L Reed personally appeared Satwant Singh 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]
Signature of NOTARY

Executed this 8th day of April, 2003.

Andrew Armitage
Andrew Armitage

State of United Kingdom of Gr
Bartlett W. Ireland) ss
County of Wiltshire

On 8th April 2003, before me, ANDREW SILL personally appeared ANDREW ARMITAGE 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]
Signature of NOTARY

