

11-12-2002



102278265

attached original documents or copy

To the Honorable Commissioner of P
thereof.

1. Name of conveying party(ies):

Qinghong Wu
Yinan Shen
Liren Liu

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

[] Yes [X] No

MRS 11/5/02

3. Nature of conveyance:

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

Execution Date: 10/21/02, 10/21/02, 10/21/02.

2. Name and Address of receiving party(ies)

Name: Lattice Semiconductor Corporation

Internal Address: _____

Street Address: 5555 N.E. Moore Ct.

City: Hillsboro State: OR ZIP: 97124-6421

Additional name(s) & address(es) attached?

[] Yes [X] No

10997 U.S. PTO
10/28/02
11/05/02

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: 10/21/02, 10/21/02, 10/21/02.

A. Patent Application No. (s)

10288668

B. Patent No. (s)

Additional numbers attached? [] Yes [X] No

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

Name: Steve Mendelsohn

Internal Address: MENDELSON & ASSOCIATES, P.C.

11/07/2002 HLE333 00000066 10288668

04 FC:8021

40.00 OP

Street Address: 1515 Market Street

Suite 715

City: Philadelphia State: PA ZIP: 19102

6. Total number of applications and patents involved: [1]

7. Total Fee (37 CFR 3.41).....\$40.00

Enclosed

[] Authorized to be charged to deposit account.

8. Deposit account number:

(attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Yuri Gruzdkov
Name of Person Signing

[Signature]
Signature

11/05/02
Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT AND AGREEMENT

For value received, we, **Qinghong Wu** of **Santa Clara** in the State of California, **Yinan Shen** of **Sunnyvale** in the State of California, and **Liren Liu** of **Sunnyvale** 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 **Placement Processing for Programmable Logic Devices** described in an application for Letters Patent of the United States, executed by us 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 we 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.

We 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 us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

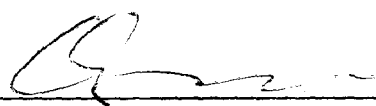
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lattice Semiconductor Corporation to apply for patent or other form of protection for said inventions and to claim the aforesaid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

We 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: 013465 FRAME: 0820

We agree that, when requested, we 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.




Qinghong Wu

Date: 10/21/02

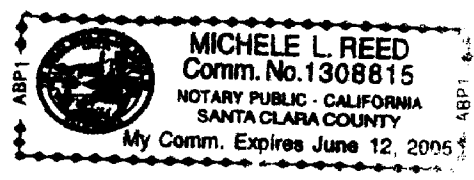
United States of America)

State of California) ss.:
County of Santa Clara
City of San Jose)

On this 21 day of October, 2002, before me personally came **Qinghong Wu**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public



Yinan Shen
Yinan Shen

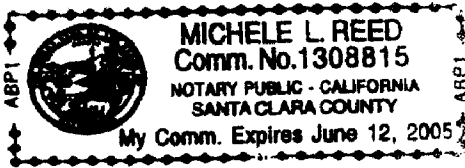
Date: 10/21/2002

United States of America)

State of California) ss.:

Co
County of Santa Clara)

On this 21 day of October, 2002, before me personally came **Yinan Shen**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



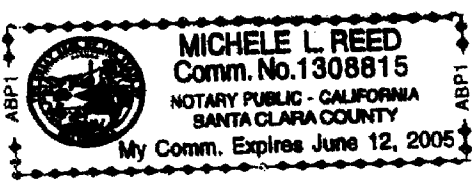
Michele L. Reed
Notary Public

Liren Liu
Liren Liu

Date: 10/21/02

United States of America)
State of California) ss.:
County of San Jose/Santa Clara

On this 21 day of October, 2002, before me personally came **Liren Liu**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Michele L. Reed
Notary Public

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

1054.016