



1586 U.S. PRO
09/626443
09/25/00

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

101437922

1. Name of Conveying party(ies) *7.26.00*
JOHN CHEN
BINGWEN LIANG
ROBERT SHIH

2. Name and address of receiving party
AMERICAN XTAL TECHNOLOGY, INC.
4281 TECHNOLOGY DRIVE
FREMONT, CA 94538

Additional name(s) of conveying party(ies) attached
No

3. Nature of conveyance

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

Execution Date

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

- No
- Yes

4. Application number(s) or patent number(s): *09/626443*

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

- A. Patent Application number(s)
- B. Patent number(s)

Additional numbers attached ? No Yes

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

MAUREEN WANG

Internal Address:

Street Address:

AMERICAN XTAL TECHNOLOGY, INC
4281 TECHNOLOGY DRIVE
FREMONT, CA 94538.

6. Total number of applications and patents involved:
one

7. Total fee (37 C.F.R. 3.41) \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

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.

Name of person signing:

John Al... [Signature]

7/25/2000

Total number of pages including cover sheet, attachments, and documents:

FOUR

ASSIGNMENT AND AGREEMENT
(Three pages)

For value received, we, **John Chen of Rowland Heights in the County of Los Angeles and State of California; Bingwen Liang of Sunnyvale in the County of Santa Clara and State of California; Robert Shih of Cernitos in the County of Los Angeles and State of California**, hereby sell, assign and transfer to, American Xtal Technology, Inc. a corporation of the State California, having an office at 4281 Technology Drive, Fremont, CA 94568, 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: **Improved GaN Light Emitting Diode** 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 we also concurrently hereby sell, assign and transfer to American Xtal Technology, Inc. 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 American Xtal Technology, Inc. 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.

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 American Xtal Technology, Inc. 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 American Xtal Technology, Inc. in the United States and in all countries foreign to the United States, or to such nominees as American Xtal Technology, Inc. may designate.

We agree that, when requested, we shall, without charge to American Xtal Technology, Inc. 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.

FIRST NAMED INVENTOR: **John Chen**

John Chen
John Chen

Date: 7/21/00

United States of America)
State of California) ss.:
County of Los Angeles)

On this 21st day of July, 2000, before me personally came **John Chen**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Fred Rivero
Notary Public



SECOND NAMED INVENTOR: **Bingwen Liang**

Bingwen Liang
Bingwen Liang

Date: 7/20/2000

United States of America)
State of CALIFORNIA) ss.:
County of Los Angeles)

On this 20th day of July, 2000, before me personally came **Bingwen Liang**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Fred Rivero
Notary Public



THIRD NAMED INVENTOR: **Robert Shih**

Robert Shih

Robert Shih

Date: 7/20/00

United States of America)
State of California) ss.:
County of Los Angeles)

On this 20th day of July, 2000, before me personally came **Robert Shih**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Fred Rivero

Notary Public

Fred Rivero

Notary Public



AXTI-ASSIGN