

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Weiguo Liu	07/30/2007
Morris S. Young	07/30/2007
M. Hani Badawi Ph.D	07/24/2007

RECEIVING PARTY DATA

Name:	AXT, Inc.
Street Address:	4281Technology Drive
City:	Fremont
State/Country:	CALIFORNIA
Postal Code:	94538

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11801712

CORRESPONDENCE DATA

Fax Number: (650)833-2001

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (650) 833-2055

Email: timothy.lohse@dlapiper.com

Correspondent Name: Timothy W. Lohse

Address Line 1: DLA Piper US LLP

Address Line 2: 2000 University Avenue

Address Line 4: East Palo Alto, CALIFORNIA 94303

ATTORNEY DOCKET NUMBER:

338221-991220

NAME OF SUBMITTER:

Timothy W. Lohse

Total Attachments: 4

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PATENT

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ASSIGNMENT

WHEREAS, **WEIGUO LIU, MORRIS S. YOUNG, and M. HANI BADAWI, Ph.D.** made certain inventions or discoveries (or both) set forth in a Patent Application for Letters Patent of the United States of America entitled

"LOW ETCH PIT DENSITY (EPD) SEMI-INSULATING GaAs WAFERS"

_____ issued as U.S Patent No. _____
 X filed as U.S. Serial No. **11/801,712** on **May 9, 2007**
_____ filed herewith

WHEREAS, **AXT, INC.**, whose address is **4281 Technology Drive, Fremont, CA 94538**, and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, effective as of the date this document is executed, hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assign-ee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF

Date 7/30, 2007

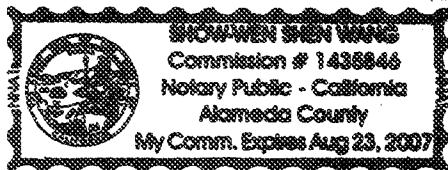
WeiGuo Liu
WEIGUO LIU

ALL-PURPOSE ACKNOWLEDGMENT

State of California)
County of Alameda) SS.

On July 30, 2007 before me, Shou Wen Shen Wang personally appeared **WEIGUO LIU**, 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.

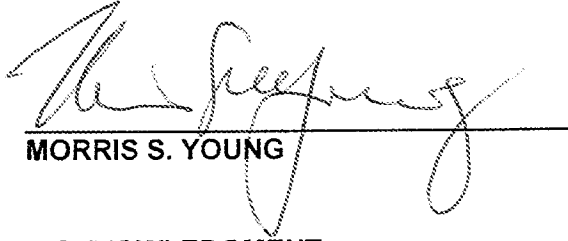


Shou Wen Shen Wang
Notary's Signature

[Notary Seal]

IN WITNESS WHEREOF

Date July 30, 2007

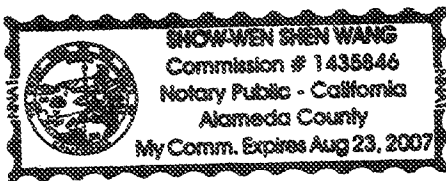

MORRIS S. YOUNG

ALL-PURPOSE ACKNOWLEDGMENT

State of California)
County of Alameda)SS.

On July 30, 2007 before me, Shou Wen Shen Wang personally appeared **MORRIS S. YOUNG**, 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.





Notary's Signature

[Notary Seal]

IN WITNESS WHEREOF

Date July 24, 2007

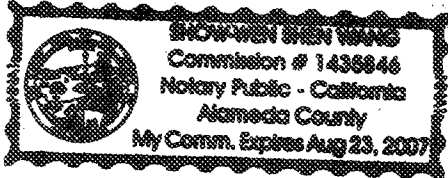

M. HANI BADAWI, Ph.D.

ALL-PURPOSE ACKNOWLEDGMENT

State of California)
County of Alameda)SS.

On July 24, 2007 before me, Shen-wen Shen Wang personally appeared M. HANI BADAWI, Ph.D., 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.



Shen-wen Shen Wang
Notary's Signature

[Notary Seal]