



04-25-2002

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



Attorney Dkt. 0980/65847-A

To the Honorable Commissioner of Patents and Trademarks

102069206

Documents or copy thereof.

1. Name of conveying party(ies):

Shih-Yuan Wang, Miao Zhu, Zuhua Zhu, Haqing Wei and  
Saif M. Islam

Name: Gazillion Bits, Inc.

Internal Address: \_\_\_\_\_

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

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

Street Address: 145 Nicholson Lane

City/Country San Jose, CA 95134

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

☐ Yes ☒ No

Execution Date: April 3, 2002, April 5, 2002, April 3, 2002,  
April 3, 2002 and April 3, 2002

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: \_\_\_\_\_

A. Patent Application No.(s) S.N. 10/006,435  
filed December 4, 2001

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?

☐ Yes ☒ No

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

Name: Ivan S. Kavrukov, Esq.

Internal Address: \_\_\_\_\_

Street Address: Cooper & Dunham LLP

1185 Avenue of the Americas

City: New York State: N.Y. ZIP 10036

6. Total number of applications and patents involved: ☐ 1 ☐ 2

7. Total fee (37 CFR 3.41): ..... \$ 40

☒ Enclosed

☐ Authorized to be charged to Deposit Account

8. Deposit account number:

03-3125

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

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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.

Ivan S. Kavrukov, Reg. No. 25,161

Name of Person Signing

Ivan S. Kavrukov  
Signature

Apr. 11, 2002  
Date

Total Number of pages including cover sheet: ☐ 10

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## **ASSIGNMENT**

*In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,*

*Shih-Yuan Wang, now residing at 766 Encina Grande,  
Palo Alto, California 94306;*

*Miao Zhu, now residing at 5155 Forest View Drive,  
San Jose, California 95129;*

*Zuhua Zhu, now residing at 1750 Stokes Street #110,  
San Jose, California 95126;*

*Haiqing Wei, now residing at 250 W. El Camino Real,  
Sunnyvale, California 94087; and*

*Saif M. Islam, now residing at 1720 Halford Avenue, Apt. 131,  
Santa Clara, California 95051.*

***Hereby** sell, assign and transfer to Gazillion Bits, Inc., a corporation of the State of Delaware, having a place of business at 145 Nicholson Lane, San Jose, CA 95134, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and as possessed by the undersigned, any and all inventions which are disclosed but not claimed, in the application for United States Patent, which has been executed by the undersigned concurrently herewith and is entitled*

**SEMICONDUCTOR OPTICAL AMPLIFIER USING LASER CAVITY  
ENERGY TO AMPLIFY SIGNAL AND METHOD OF FABRICATION THEREOF**  
(S.N. 10/006,435, filed December 4, 2001)

*and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;*

*Authorize and request the Commissioner of Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;*

*Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing*

proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

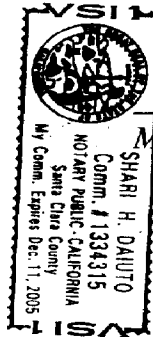
**COVENANT** with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Shih-Yuan Wang [L.S.]  
Shih-Yuan Wang

Date: April 3, 2002

Witness: Shari H. Daiuto

Commission # 1334315



Miao Zhu [L.S.]  
Miao Zhu

Date: April 3, 2002

Witness: Shari H. Daiuto

Commission # 1334315



Zuhua Zhu [L.S.]  
Zuhua Zhu

Date: April 3, 2002

Witness: Shari H. Daiuto

Commission # 1334315



Haiqing [L.S.]  
Haiqing Wei

Date: April 3, 2004

Witness: Shari H. Daiuto

Commission # 1334315



Saif M. Islam [L.S.]  
Saif M. Islam

Date: April 3, 2004

Witness: Shari H. Daiuto

Commission # 1334315



# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

SS.

On April 3, 2002

Date

, before me, Shari H. Daiuto, Notary Public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Shen-Yuan Wang

Name(s) of Signer(s)

personally known to me

X' 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.



Place Notary Seal Above

WITNESS my hand and official seal.

Shari H. Daiuto

Signature of Notary Public

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Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_

Individual

Corporate Officer — Title(s): \_\_\_\_\_

Partner — Limited General

Attorney in Fact

Trustee

Guardian or Conservator

Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

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OF SIGNER

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County of Santa Clara

SS.

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Date

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

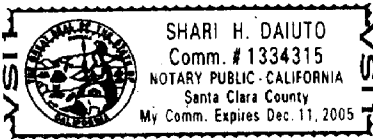
personally appeared Marc Zhu

Name(s) of Signer(s)

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☒ proved to me on the basis of satisfactory evidence

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☐ Individual

☐ Corporate Officer — Title(s): \_\_\_\_\_

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

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Date

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personally appeared Zuhua Zhu

Name(s) of Signer(s)

personally known to me

☒ proved to me on the basis of satisfactory evidence

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Shari H. Daiuto

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☐ Attorney in Fact

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☐ Other: \_\_\_\_\_

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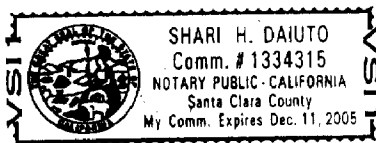
personally appeared Hongying Wei

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personally known to me

☒ proved to me on the basis of satisfactory evidence

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Partner — ☐ Limited ☐ General

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personally appeared Suf M. Islam

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☒ proved to me on the basis of satisfactory evidence

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