

07-11-2006



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OMB No. 0651-0027 (exp. 6/30/2L)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

103271479  
RECORDATION

SHEET

# PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

7-7-06

### 1. Name of conveying party(ies)

LIU, Yan-Fei  
EBERLE, Wilson  
YANG, Zhihua

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

### 2. Name and address of receiving party(ies)

Name: QUEEN'S UNIVERSITY AT KINGSTON

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

Street Address: \_\_\_\_\_

City: Kingston

State: Ontario

Country: Canada Zip: K7L 3N6

Additional name(s) & address(es) attached?  Yes  No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) June 23, 2006 and May 30, 2006

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

### 4. Application or patent number(s):

A. Patent Application No.(s)  
11/266,486

This document is being filed together with a new application.  
B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Stephen J. Scribner

Internal Address: PARTEQ Innovations

Street Address: Room 1625, Biosciences Complex

Queen's University at Kingston

City: Kingston

State: Ontario, Canada Zip: K7L 3N6

Phone Number: 613-533-2342

Fax Number: 613-533-6853

Email Address: sscribner@parteqinnovations.com

### 6. Total number of applications and patents involved: 1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

### 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 17-0110

Authorized User Name PARTEQ Innovations

### 9. Signature:

*Stephen J. Scribner*

29 Jun 2006  
Date

07/10/2006 DBYRNE 00000022 170110 11266486 Signature

01 FC:80:1 40.00 DA Stephen J. Scribner (Reg. No. 44,452)

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ASSIGNMENT

WHEREAS, **Yan-Fei Liu** of 1064 Earnhart Street, Kingston, Ontario, K7P 3C2, Canada; **Zhihua Yang** of 2220 Halifax Drive, Suite 902, Ottawa, Ontario, K7G 2W7, Canada; and **Wilson Eberle** of 15 Macpherson Avenue, Kingston, Ontario, K7M 2W8, Canada; hereinafter referred to as "ASSIGNORS", are inventors of the Invention described and set forth in United States Patent Application Serial No. 11/266,486 filed November 4, 2005, and in International Patent Application No. PCT/CA2006/000117, filed January 31, 2006, and entitled **Resonant Gate Drive Circuits**; and

WHEREAS, Queen's University at Kingston, whose complete address is Kingston, Ontario, K7L 3N6, Canada, hereinafter referred to as "ASSIGNEE", is desirous of acquiring an interest in the Invention and patent application and in any Letters Patent and Registration which may be granted thereon, and in any patent application and Letters Patent and Registration claiming priority from the same;

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt and sufficiency of which is hereby acknowledged by ASSIGNORS, ASSIGNORS do hereby assign to ASSIGNEE all right, title, and interest, including priority rights, in and to the Invention and application and to all foreign counterparts thereof, and in and to any Letters Patent and Registration which may hereafter be granted thereon, and in and to any patent application claiming priority from the same, in Canada, the United States, and all countries throughout the world. The right, title, and interest is to be held and enjoyed by ASSIGNEE and ASSIGNEE's successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNORS had this Assignment not been made, for the full term of any Letters Patent and Registration which may be granted thereon, or of any division, renewal, continuation, substitution, conversion, reissue, prolongation, or extension thereof.

ASSIGNORS further agree that they will, without charge to ASSIGNEE, but at ASSIGNEE's expense, (a) cooperate with ASSIGNEE in the prosecution of patent applications and foreign counterparts on the Invention, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as ASSIGNEE lawfully may request to obtain or maintain Letters Patent and Registration for the Invention in any and all countries, and to vest title thereto in ASSIGNEE, or ASSIGNEE's successors and assigns.

ASSIGNORS hereby authorize and request the Commissioner of Patents or the Comptroller (as the case may be) to issue any and all Letters Patent and Registration for said Invention or resulting from said application, or from any division, renewal, continuation, substitution, conversion, reissue, prolongation, or extension thereof, to ASSIGNEE, as ASSIGNORS' sole ASSIGNEE.

In testimony whereof I have hereunto set my hand:

this 23<sup>rd</sup> day of JUNE 2006

Yan-Fei Liu

Yan-Fei Liu

**CERTIFICATE**

City of Kingston )  
Province of Ontario )

On this 23 day of June 2006 appeared before me in person the above **Yan-Fei Liu** and acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.

Stephen Joseph Scribner, Notary Public,  
Province of Ontario, limited to the attestation  
of instruments and the taking of affidavits, for  
PARTEQ Research and Development Innovations  
Expires January 9, 2007.

[Signature]  
Stephen J. Scribner  
Notary Public  
Province of Ontario

In testimony whereof I have hereunto set my hand:

this 23 day of June 2006

[Signature]

Wilson Eberle

**CERTIFICATE**

City of Kingston )  
Province of Ontario )

On this 23 day of June 2006 appeared before me in person the above **Wilson Eberle** and acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.

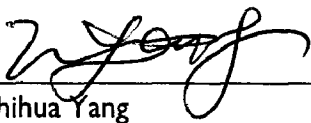
[Signature]

Stephen J. Scribner  
Notary Public  
Province of Ontario

Stephen Joseph Scribner, Notary Public,  
Province of Ontario, limited to the attestation  
of instruments and the taking of affidavits, for  
PARTEQ Research and Development Innovations.  
Expires January 9, 2007.

In testimony whereof I have hereunto set my hand:

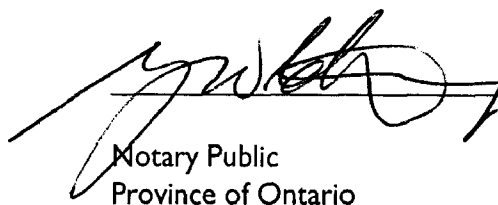
this 30<sup>th</sup> day of May 2006

  
\_\_\_\_\_  
Zhihua Yang

**CERTIFICATE**

City of Ottawa )  
Province of Ontario )

On this 30<sup>th</sup> day of May 2006 appeared before me in person the above **Zhihua Yang** and acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.

  
\_\_\_\_\_  
Notary Public  
Province of Ontario

**EDWARD Y.W. CHEUNG** 張裕榮律師  
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6340 CANOTEK RD., UNIT 22, OTTAWA,  
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ONTARIO, CANADA. K1J9C8  
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NOTARIAL CERTIFICATE

I certify that I have compared the attached copy with the original Assignment

dated 23 June 2006 and 30 May 2006

from Yan-Fei Liu, Wilson Eberle and Zhihua Yang

to Queen's University at Kingston

and that the said copy is a true copy of the original.

Dated at Kingston, Ontario this 28 day of June, 2006.



Stephen J. Scribner  
Notary Public  
Province of Ontario

**Stephen Joseph Scribner, Notary Public,  
Province of Ontario, limited to the attestation  
of instruments and the taking of affidavits, for  
PARTEQ Research and Development Innovations.  
Expires January 9, 2007.**