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PATENTS ONLY

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

11-15-07

1. Name of conveying party(ies)

LIU, Yan-Fei
XU, Kai

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) 19 September 2007 and 5 October 2007

- 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):

This document is being filed together with a new application.

A. Patent Application No.(s)
11/593,129

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

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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 _____
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b. Deposit Account Number 17-0110

Authorized User Name PARTEQ Innovations

9. Signature:

Signature

Stephen J. Scribner (Reg. No. 44,452)

Name of Person Signing

11/19/2007 11:50 AM Date

Total number of pages including cover sheet, attachments, and documents: 4

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, we, **Yan-Fei Liu** of 1065 Earnhart Street, Kingston, Ontario, K7P 3C2, Canada; and **Kai Xu** of 1106-2645 Battleford Road, Mississauga, Ontario, L5N 3R8, Canada; hereinafter referred to as "ASSIGNORS", have previously assigned all right, title and interest, including priority rights, in and to United States Patent Application Serial No. 60/733,213 filed on November 4, 2005 and entitled "Resonant Gate Drive Circuit with Centre-Tapped Transformer", to Queen's University at Kingston; and ASSIGNORS are inventors of the Invention described and set forth in

United States Patent Application Serial No. 11/593,129 filed on **November 6, 2006** and **Canadian Patent Application No. 2,567,312** filed on **November 6, 2006** which are both entitled **Resonant Gate Drive Circuit with Centre-Tapped Transformer**; 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 applications 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 hereby assign to ASSIGNEE all right, title, and interest, including priority rights, in and to the Invention and applications 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 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 for said Invention or resulting from said

application, or from any divisional, renewal, substitution, conversion, continuation, prolongation, extension or reissue application thereof, to ASSIGNEE, as ASSIGNORS' sole assignee.

In testimony whereof I have hereunto set my hand:

this 19th day of September 2007

Yan-Fei Liu
Yan-Fei Liu

CERTIFICATE

City of Kingston)
Province of Ontario)

On this 19 day of September 2007 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, County of Frontenac, limited to the attestation of instruments and the taking of affidavits, for PARTEQ Research and Development Innovations. Expires January 9, 2010.

S. Scribner
Stephen J. Scribner
Notary Public
Province of Ontario

In testimony whereof I have hereunto set my hand:

this 05 day of October 2007

Kai Xu
Kai Xu

CERTIFICATE

City of Kitchener)
Province of Ontario)

On this 5th day of OCTOBER 2007 appeared before me in person the above **Kai Xu** 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.

Richard C. Royal
Notary Public
Province of Ontario

NOTARIAL CERTIFICATE

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

dated 19 September 2007 and 5 October 2007

from Yan-Fei Liu and Kai Xu

to Queen's University at Kingston

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

Dated at Kingston, Ontario this 15 day of October, 2007.



Stephen J. Scribner
Notary Public
Province of Ontario

*Stephen Joseph Scribner Notary Public, County
of Frontenac, limited to the attestation of
instruments and the taking of affidavits, for
PARTEQ Research and Development Innovations.
Expires January 9, 2010.*