

Docket No.: 01640359AA

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FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp. 5/31/2002) P08/REV03

04-16-2003

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office



102421616

Tab settings To the Honorable Commissioner of Pa

attached original documents or copy thereof.

1. Name of conveying party(ies):

Ming Xu Fred C. Lee Yuancheng Ren

4.10.03

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

Name: Virginia Polytechnic Institute and State University

Internal Address:

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Street Address:

City: Blacksburg State: VA ZIP:

Execution Date: 3/20/03; 3/20/03; 3/20/03

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

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

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

A. Patent Application No.(s)

B. Patent No.(s)

10/350,330 filed: 1/24/03

Additional numbers attached? Yes No

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

Name: Michael E. Whitham

Internal Address:

Street Address: Whitham, Curtis & Christofferson, PC

11491 Sunset Hills Road - #340

City: Reston State: VA ZIP: 20190

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....S 40.00

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account

8. Deposit account number:

50-2041

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

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9. Statement and signature. I, the undersigned, 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.

Michael E. Whitham-Reg. No. 32,635

Signature

April 10, 2003

Name of Person Signing

Signature

3

Date

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

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS
OF ASSIGNOR

Ming Xu of Blacksburg, VA 24060
Fred C. Lee of Blacksburg, VA 24060
Yuancheng Ren of Blacksburg, VA 24060

(HEREINAFTER REFERRED TO AS ASSIGNOR), have
invented and own a certain invention
entitled:

TITLE OF INVENTION:

**Self-Driven Circuit for Synchronous Rectifier
DC/DC Converter**

for which application for Letters Patent of
the United States filed on Jan. 24, 2003 as
Ser. No. 10/350,330.

WHEREAS

FULL NAME AND ADDRESS
OF ASSIGNEE

**Virginia Polytechnic Institute and
State University**
Blacksburg, VA 24060

(hereinafter referred to as ASSIGNEE), is
desirous of acquiring the entire interest in,
to and under said invention and the United
States Letters Patent to be obtained
therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the
payment of ASSIGNEE to ASSIGNOR of the sum of
One Dollar (\$1.00), the receipt of which is
hereby acknowledged, and for other good and
valuable consideration, ASSIGNOR hereby
sells, assigns and transfers to ASSIGNEE the
full and exclusive right, title and interest
to said invention and all Letters Patent of
the United States to be obtained therefor on

said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.


ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set hand and seal on:

SIGNATURE



Ming Xu

Date: 3/20/03

SIGNATURE



Fred C. Lee

Date: 3/20/03

SIGNATURE



Yuancheng Ren

Date: 03/20/03