

05-21-2002

FORM PTO-1596  
1-31-92

DOCKET NO.: 4006-164

102097133  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies):

1) AN-TUNG CHEN

2) YUNG-PENG  
HWANG

05/14/02

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

Name: WINBOND ELECTRONICS  
CORPORATION

Internal Address:

 11046 U.S. PTO  
 10/143986  
 05/14/02

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

3. Nature of conveyance:

☒ Assignment                      ☐ Merger  
☐ Security Agreement              ☐ Change of Name  
☐ Other
Street Address: No. 4, Creation RD. III, Science-Based  
Industrial Park

City: Hsinchu                      State or Area: Taiwan

Zip/Postal Code:                      Country: R.O.C.

Execution Date: March 28, 2002

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

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

10/143986

If the document is being filed together with a new application, the execution date of the application is: March 28, 2002

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached?

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

Name:

LOWE HAUPTMAN GILMAN &amp; BERNER (22429)

Internal Address:

Street Address: 1700 Diagonal Road, Suite 310

City: Alexandria                      State: VA                      ZIP: 22314

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41)

\$40.00

☒ Credit Card payment form enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: 07-1337

DO NOT USE THIS SPACE

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.*

Benjamin J. Hauptman Reg. No. 29,310

Name and Registration No. of Person Signing

Signature

May 14, 2002

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

05/16/2002 MBELETE1 00000017 10143986

02 FC:581

40.00 DP

PATENT  
REEL: 012900 FRAME: 0746

**ASSIGNMENT**

This assignment agreement is applicable to an invention entitled (Invention Title) \_\_\_\_\_  
**BALANCED CURRENT CONVERTER WITH MULTIPLE PULSE WIDTH**  
**MODULATED CHANNELS**

The PATENT RIGHTS referred to in this agreement are:

(check one) ☒ a patent application for this invention, executed by the ASSIGNOR(S)  
concurrently with this assignment.

☐ U.S. patent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_

☐ a U.S. patent application based on PCT International Application  
No. \_\_\_\_\_ filed on (date) \_\_\_\_\_ (U.S. patent application  
Serial No. \_\_\_\_\_, if known).

☐ U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT RIGHTS also include all divisions reissues, continuations and extensions of  
the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one) ☒ U.S. patent rights only.

☐ Worldwide patent rights. In this case, the assignee shall have the right to  
claim the benefit of the filing date of any U.S. or foreign patent application  
for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures  
appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) WINBOND ELECTRONICS CORPORATION

(Address) NO.4, CREATION RD. III, SCIENCE-BASED INDUSTRIAL PARK,  
HSINCHU, TAIWAN, R.O.C.

The ASSIGNEE is:

(check one) ☐ An individual.

☐ A Partnership.

☒ A Corporation of TAIWAN, R.O.C. (specify state or country)

☐ (other) \_\_\_\_\_

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and  
valuable consideration, receipt of which is acknowledged, hereby assign(s) the following  
rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable  
provisions, based on any earlier patent applications for this invention.

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

ASSIGNEE: WINBOND ELECTRONICS CORPORATION

INVENTION TITLE: BALANCED CURRENT CONVERTER WITH MULTIPLE  
PULSE WIDTH MODULATED CHANNELS

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

An-Tung CHEN

Name of sole or first inventor

An-tung Chen

Signature

March 28, 2002

Date

Yung-Peng HWANG

Name of second inventor, if any

Yung-Peng Hwang

Signature

March 28, 2002

Date

\_\_\_\_\_  
Name of third inventor, if any

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of fourth inventor, if any

\_\_\_\_\_  
Signature

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Date

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Name of fifth inventor, if any

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of sixth inventor, if any

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of seventh inventor, if any

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Name of eighth inventor, if any

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date