

12-05-2002

U.S. DEPARTMENT OF COMMERCE



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

102302549

Address of party(ies) receiving an interest:

SHU-YA CHUANG; JING-HORNG GAU; AND
ANCHOR CHENName: UNITED MICROELECTRONICS CORP

Internal Address: _____

Street Address: NO. 3, LI - HSIN RD. II, SCIENCE BASED
INDUSTRIAL PARKCity: HSINCHU

State: _____ Zip: _____

TAIWAN, R.O.C.

Additional Name(s) of conveying party(ies) attached? [] Yes [X] No

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

3. Nature of conveyance:

☒ [X] Assignment☐ [] Merger☐ [] Security Agreement☐ [] Change of Name☐ [] Other _____Execution Date: NOVEMBER 4, 2002

4. Application number(s) or patent number(s): N / A

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

NOVEMBER 4, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: CHARLES C.H. WU

Internal Address: _____

Street Address: 7700 IRVINE CENTER DRIVESUITE 710City: IRVINE State: CA Zip: 92618-3043

6. Total Number of applications and registrations involved: [1]

7. Total fee (37 CFR 2.6(b)(6)) [\$40.00]

☒ [X] Enclosed☐ [] Authorized to be charged to deposit account

8. Deposit account number: _____

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

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the forgoing information is true and correct and any attached copy is a true copy of the original document.

CHARLES C.H. WU

Name of Person Signing

Signature

NOVEMBER 22, 2002

Date

Total number of pages including cover sheet, attachments, and document: [4]

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignments

12/04/2002 LMUeller 00000267 10290635

01 FC:8021

40.00 DP



COMBINED DECLARATION AND POWER OF ATTORNEY

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name and that I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

FABRICATION OF SELF-ALIGNED BIPOLAR TRANSISTOR

the specification of which

X is attached hereto.

was filed on

as Application Serial No.

and was amended on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Number	Country	Date Filed(yyyy/mm/dd)
90121827	Taiwan R.O.C.	2001/9/4

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, code of Federal Regulations, § 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Patent Application Ser. No. 09/956,503, filed September 19, 2001.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Charles C.H. Wu (Reg. No. 39,081)
Belinda Lee (Reg. No. 46,863)
Clement Cheng (Reg. No. 45,463)

Jiawei Huang (Reg. No. 43,330)
Maria Erlinda C. Sarno (Reg. No. 37,436)

SEND CORRESPONDENCE TO:

DIRECT TELEPHONE CALLS TO:
(Name and telephone number)

CHARLES C.H. WU & ASSOCIATES
7700 IRVINE CENTER DRIVE
Suite 710 ,
Irvine, California 92618-3043

Charles C.H. Wu
(949) 251-0111

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Signature: Shu-Ya Chuang

Date: Nov. 4th, 2002

Sole or First Joint Inventor: Shu-Ya Chuang

Citizenship: Taiwan, R.O.C.

Residence and Post Office Address: No. 23, Lane 147, Pao-Hsin Rd., Shuang-Hsi Tsun, Paoshan Hsiang, Hsinchu Hsien, Taiwan, R.O.C.

Signature: Jing-Horng Gau

Date: Nov. 4th, 2002

Second Joint Inventor (if any): Jing-Horng Gau

Citizenship: Taiwan, R.O.C.

Residence and Post Office Address: No. 21, Alley 39, Lane 23, Wu-Feng St., Chutung Town, Hsinchu Hsien, Taiwan, R.O.C.

Signature: Anchor Chen

Date: Nov. 4th, 2002

Third Joint Inventor (if any): Anchor Chen

Citizenship: Taiwan, R.O.C.

Residence and Post Office Address: No. 16, Lane 221, Kung-Hsing Rd., Pingtung, Taiwan, R.O.C.

ASSIGNMENT

WHEREAS,

1. Shu-Ya Chuang
3. Anchor Chen

2. Jing-Horng Gau

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below identified application for United States Letters Patent:

Title: **FABRICATION OF SELF-ALIGNED BIPOLAR TRANSISTOR**

☐ Filed: Serial No.

☒ Executed concurrently with the execution of this instrument

WHEREAS, United Microelectronics Corp.

of No. 3, Li-Hsin Rd. II, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

ASSIGNMENT CONTINUED

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

Signature: *Shu-Ya Chuang*

Date: *Nov. 4th, 2002*

Sole or First Joint Inventor: Shu-Ya Chuang

Signature: *Jing-Horng Gau*

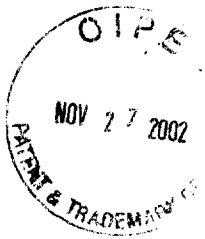
Date: *Nov. 4th, 2002*

Second Joint Inventor (if any): Jing-Horng Gau

Signature: *Anchor Chen*

Date: *Nov. 4th, 2002*

Third Joint Inventor (if any): Anchor Chen



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CERTIFICATE OF MAILING

I hereby certify that this paper or fee (along with any paper referred to as being attached or enclosed) is being deposited on the date shown below with the United States Postal Service in an envelope addressed to: Box Non-Fee Amendment, Commissioner of Patents, Washington, D.C. 20231

☒ 37 CFR 1.8(a)
with sufficient postage as First Class Mail.

☐ 37 CFR 1.10
as "Express Mail Post Office to Addressee"
Mailing label no.: _____

Date: November 22, 2002



Mary Kim