

**PATENT ASSIGNMENT**

Electronic Version v08  
 Stylesheet Version v02

SUBMISSION TYPE:		NEW ASSIGNMENT	<b>APPLICATION NUMBER</b> 11/164882		
NATURE OF CONVEYANCE:		ASSIGNMENT OF ASSIGNOR'S INTEREST			
CONVEYING PARTY DATA					
Name		Execution Date			
Ching-Hung Kao		2005-03-23			
RECEIVING PARTY DATA					
Name	Street Address	Internal Address	City	State/Country	Postal Code
UNITED MICROELECTRONICS CORP.	No.3, Li-Hsin Road 2, Science-Based Industrial Park		Hsin-Chu City	TAIWAN	
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FAX NUMBER: 8064986673 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO. CUSTOMER NUMBER: 027765					
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DATE SIGNED:		2005-12-07			
Total Attachments: 1 source=NAUP0580-1-A1ASS1.tif					

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## ASSIGNMENT OF INVENTION

I, (Assignor Name) Ching-Hung Kao, residing at (Address)  
No. 21, Alley 39, Lane 23, Wu-Feng St., Chu-Tung Town, Hsin-Chu Hsien, Taiwan,  
R.O.C.

, have invented a device called

**"STRUCTURE OF A BIPOLAR JUNCTION TRANSISTOR AND  
FABRICATING METHOD THEREOF"**

(Assignee name) UNITED MICROELECTRONICS CORP.  
(hereinafter 'Assignee'), of (Assignee address)  
No.3, Li-Hsin Road 2, Science-Based Industrial Park, Hsin-Chu City, Taiwan, R.O.C.

wishes to acquire the entire right, title, and interest in and to the invention and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

Accordingly, in consideration of the sum of One Dollar, (\$1.00) to me in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, Assignor, hereby sells, assigns, and transfers to Assignee the full and exclusive right to the above described invention in the United States and its territorial possessions, and in all foreign countries. The rights granted include the entire right, title, and interest in and to any and all letters patent which may be granted on the invention, including any rights gained by divisions, reissues, continuations, and extensions of the above described application.

I hereby authorize and request the Patent and Trademark Office Officials in the United States and any and all foreign countries to issue any and all letters patent, when issued, to Assignee, as the assignee of my entire right, title, and interest in and to the invention, for the sole use and enjoyment of Assignee and its successors and assignees.

Further, I agree that I will communicate to Assignee or its representatives any facts known to me respecting the invention, to testify in any legal proceedings, to sign all lawful papers, to execute all divisions, continuations, substitutions, renewal and reissue applications, and to generally do those things necessary to aid Assignee and its successors and assigns to obtain and enforce proper protection for the invention in the United States and in any and all foreign countries.

Date: 05/07/2005, Ching-Hung Kao (Assignor signature)  
(請務必簽日期)  
Ching-Hung Kao (Print Assignor's name)