

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Ming-Dou Ker		10/31/2002
Chyh-Yih Chang		10/31/2002
RECEIVING PARTY DATA		
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State/Country:	TAIWAN	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11180714	
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PATENT  
REEL: 019661 FRAME: 0385

## ASSIGNMENT

WHEREAS, Ming-Dou KER and Chyh-Yih CHANG  
hereafter 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: SUBSTRATE-TRIGGERED BIPOLAR JUNCTION TRANSISTOR AND ESD PROTECTION CIRCUIT  
Filed: December 4, 2002 Serial No. NEW  
Executed on: OCTOBER 31, 2002

WHEREAS, Industrial Technology Research Institute of 195  
Chung Hsing Rd., Sec. 4, Chutung, 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.

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

Ming-Dou Ker

Ming-Dou KER

Oct. 31, 2002

Date:

Chyh-Yih Chang

Chyh-Yih CHANG

Oct. 31, 2002

Date:

03900055/0412-6969US

RECORDED: 12/04/2002

PATENT  
REEL: 013551 FRAME: 0345

RECORDED: 08/07/2007

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