

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jeng-Jie Peng</td> <td>12/10/1998</td> </tr> <tr> <td>Ming-Dou Ker</td> <td>12/10/1998</td> </tr> <tr> <td>Nien-Ming Wang</td> <td>12/10/1998</td> </tr> </tbody> </table>		Name	Execution Date	Jeng-Jie Peng	12/10/1998	Ming-Dou Ker	12/10/1998	Nien-Ming Wang	12/10/1998
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Industrial Technology Research Institute</td> </tr> <tr> <td>Street Address:</td> <td>No. 195, Sec. 4, Chung Hsing Rd.</td> </tr> <tr> <td>City:</td> <td>Chutung Town, Hsinchu Hsien</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> </table>		Name:	Industrial Technology Research Institute	Street Address:	No. 195, Sec. 4, Chung Hsing Rd.	City:	Chutung Town, Hsinchu Hsien	State/Country:	TAIWAN
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CORRESPONDENCE DATA									
<p>Fax Number: (512)853-8801</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 5128538800</p> <p>Email: cacker@intprop.com</p> <p>Correspondent Name: Meyertons, Hood, Kivlin, Kowert & Goetzel</p> <p>Address Line 1: 700 Lavaca</p> <p>Address Line 2: Suite 800</p> <p>Address Line 4: Austin, TEXAS 78701</p>									
ATTORNEY DOCKET NUMBER:	6057-91901								
NAME OF SUBMITTER:	Dean M. Munyon								
<p>Total Attachments: 2</p> <p>source=parent assignment#page2.tif</p> <p>source=parent assignment#page3.tif</p>									

CH \$40.00 6599578

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PATENT
REEL: 023660 FRAME: 0330

ASSIGNMENT

This assignment agreement is applicable to an invention entitled Invention Title
METHOD FOR IMPROVING INTEGRATED CIRCUITS BONDING FIRMNESS

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 Sheets.

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE

(Address) NO.195, SEC.4, CHUNG HSING RD., CHUTUNG TOWN, HSINCHU HSIEN,
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: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE
INVENTION TITLE: METHOD FOR IMPROVING INTEGRATED CIRCUITS BONDING
FIRMNESS

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) and 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.

<u>Jeng-Jie PENG</u> Name of sole or first inventor	<u>Jeng-jie Peng</u> Signature	<u>12/10 '98</u> Date
<u>Ming-Dou KER</u> Name of second inventor, if any	<u>Ming-Dou Ker</u> Signature	<u>Dec. 10, 1998</u> Date
<u>Nien-Ming WANG</u> Name of third inventor, if any	<u>Nien Ming Wang</u> Signature	<u>12/10/98</u> Date
<u> </u> Name of fourth inventor, if any	<u> </u> Signature	<u> </u> Date
<u> </u> Name of fifth inventor, if any	<u> </u> Signature	<u> </u> Date
<u> </u> Name of sixth inventor, if any	<u> </u> Signature	<u> </u> Date
<u> </u> Name of seventh inventor, if any	<u> </u> Signature	<u> </u> Date
<u> </u> Name of eighth inventor, if any	<u> </u> Signature	<u> </u> Date