

04-12-2004



COVER SHEET

22856 U.S. PTO
10/819137



102719511
Please record the attached original documents or copy thereof.

Trademark Office:

4-7-04

1. Name of conveying party(ies):
 [FAMILY NAME (ALL CAPS), Given Name]
LIU, Chien-Hung
YANG, Ming-Huan
CHANG, Jane
CHEN, Chun-Jung
CHENG, Chao-kai

Additional name(s) of conveying party(ies) attached?
 YES NO

2. Name and address of receiving party(ies)
 Name: **INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE**
 Internal Address:
 Street Address: **No. 195, Sec. 4, Chung-Hsing Rd., Chung-Tung**
 City: **Hsinchu** State: ZIP:
 Country: **Taiwan, R.O.C.** Postal Code:
 Additional name(s) & address(es) attached? YES NO

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:
 Execution Date: **February 18, 2004**

10819137

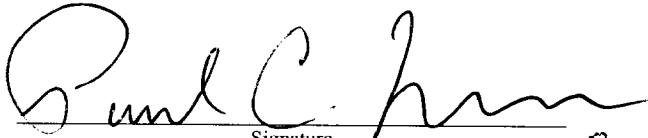
4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is: **February 18, 2004**

A. Patent Application No(s). **NEW**
 B. Patent No.(s).
 Additional numbers attached? YES NO

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**
 Street Address: **P.O. BOX 747**
 City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**
 Country: **USA**

6. Total No. of applications/patents involved: **One (1)**
 7. Total fee (37 C.F.R. § 3.41): **\$40.00**
 Enclosed
 Authorized to be charged to deposit account, if no fee attached.
 8. Deposit account number: **02-2448**
 (Attach triplicate copy of this page if paying by deposit account)

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9. Statement and signature.
Joe McKinney Muncy, #32,334
 Name of Person Signing/Reg. No.  Signature April 7, 2004 Date
 for #43,362

Total number of pages including cover sheet, attachments, and document: **Four (4)**

Attachment to
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

LIU, Kou-Chen

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,
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,
,
,
,

Continuation of Box 2--Name and address of receiving party(ies):

Continuation of Box 4--Application number(s) or patent number(s):

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ASSIGNMENT

Application No. NEW Filed 4/7/04

**Insert Name(s)
of Inventor(s)**

***** (Given Name FAMILY NAME (ALL CAPS)) *****

WHEREAS, Chien-Hung LIU Ming-Huan YANG
Jane CHANG Chun-Jung CHEN Chao-Kai CHENG
Kou-Chen LIU

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

**Insert Title
of Invention**

METHOD OF FORMING A CONDUCTIVE VIA PLUG

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

**Insert Date
of Signing of
Application**

on February 18, 2004; and

**Insert Name
of Assignee**

WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE

**Insert Address
of Assignee**

of No. 195, Sec. 4, Chung-Hsing Rd., Chu-Tung, Hsinchu, Taiwan, R. O. C.

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.

**CHECK BOX
IF APPROPRIATE**

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>02.18.2004</u>	Name of Inventor <u>Chien-Hung Liu</u> (signature) Chien-Hung LIU
Date <u>02.18,2004</u>	Name of Inventor <u>Ming-Huan YANG</u> (signature) Ming-Huan YANG
Date <u>02.18.2004</u>	Name of Inventor <u>Jane Chang</u> (signature) Jane CHANG
Date <u>02.18.2004</u>	Name of Inventor <u>Chun-jung chen</u> (signature) Chun-Jung CHEN
Date <u>02,18,2004</u>	Name of Inventor <u>Chao-Kai Cheng</u> (signature) Chao-Kai CHENG
Date <u>02.18.2004</u>	Name of Inventor <u>Kou-Chen LIU</u> (signature) Kou-Chen LIU