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Tzu-Ching TSAI
Liang-Hsin CHEN

10/15/02

2. Name and address of receiving party(ies):

NANYA TECHNOLOGY CORPORATION
Hwa-Ya Technology Park 669, Fuhsing 3 Rd., Kueishan
Taoyuan, Taiwan, R.O.C.

JCS25 U.S. PTO
10/27/1598
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Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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☐ Other:

Execution Date: 1 October 2002

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: 1 October 2002

A. Patent Application No.(s)

unknown

B. Patent No.(s)

10/27/1598

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael D. Schumann
Address: Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903



6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
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10/23/2002 LMUELLER 00000248 10271598

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PATENT
REEL: 013401 FRAME: 0495

ASSIGNMENT

WHEREAS, Tzu-Ching TSAI and Liang-Hsin CHEN
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 METHOD OF MEASURING RESISTANCE IN DEEP TRENCH

Filed: _____ Serial No. _____

Executed on: October 1, 2002

WHEREAS, NANYA TECHNOLOGY CORPORATION of Hwa-Ya
Technology Park 669, Fuhsing 3 Rd., Kueishan, Taoyuan, 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.

Tzu-Ching Tsai
Tzu-Ching TSAI

October 1, 2002
Date:

Liang-Hsin Chen
Liang-Hsin CHEN

October 1, 2002
Date: