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FORM PTO-1595  
1-31-92U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

DOCKET NO. 4425-355

102943139

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies):

1. Shih-Lung OUYANG
2. Yi-Lin LAI
3. Jay HU

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

Name: VIA TECHNOLOGIES, INC.

Street Address: 8F, No. 535, Chung-Cheng Rd., Hsin-Tien

City: Taipei

State:

Zip:

Country: Taiwan, R.O.C.

3. Nature of conveyance:

- ☒ Assignment
 ☐ Merger  
☐ Security Agreement
 ☐ Change of Name  
☐ Other

Execution Date: November 2, 2004

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If the document is being filed together with a new application, the execution date of the application is: November 2, 2004

A. Patent Application No(s).

B. Patent No(s).

filed

Additional numbers attached? ☐ Yes ☒ No

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

Name:

LOWE HAUPTMAN &amp; BERNER, LLP

Internal Address:

Street Address: 1700 Diagonal Road, Suite 300

City: Alexandria State: VA Zip: 22314

6. Total number of applications and patents involved: one7. Total fee (37 CFR 3.41), \$ 40.00

- ☐ Enclosed  
☐ Authorized to be charged to deposit account  
☒ Credit Card payment form enclosed

8. Deposit account number: 07-1337

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9. Signature.

Benjamin J. Hauptman, 29,310

Name of Person, Registration No.

Signature

January 27, 2005

Date

Total number of pages including cover sheet, attachment, and document: 3

CMB No. 0851-0011 (exp. 4/94)

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11/050815

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Kindly use the attorneys' address associated with the following Customer Number for future correspondence.

02/10/2005 FFANAI2 00000006 11050815

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40.00 DP

PATENT  
REEL: 016252 FRAME: 0085

Docket No.: 4425-355

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) OUYANG, SHIH-LUNG

(2) LAI, YI-LIN

(3) HU, JAY

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

**VIA Technologies, Inc.**

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

APPARATUS AND METHOD FOR DETECTING DEFECT SIGNALS

[a] for which an application for United States Letters Patent was filed on, and identified by United States Serial No.; or

[b] for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside our signatures:

## INVENTORS

## DATE SIGNED

(1) Ouyang Shih Lung  
Name: OUYANG, SHIH-LUNG

2004/11/2

(2) LAI, YI-LIN  
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