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OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE  
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**LI-PAI CHEN; MING-DAR CHEN;  
HSIANG-AN HSIEH; YEN-HSIN LIU

Execution Date(s) 1/27/06; 1/27/06; 1/27/06; 1/27/06

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

Name: A-DATA TECHNOLOGY CO., LTD.

Internal Address: \_\_\_\_\_

Street Address: 18F, 258, Lian Cheng Rd., Chung

Ho City

City: Taipei

State: \_\_\_\_\_

Country: Taiwan, R.O.C.

Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/341,682

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Morton J. Rosenberg, Esq.

Internal Address: Rosenberg, Klein &amp; Lee

Street Address: 3458 Ellicott Center Drive,

Suite 101

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State: MD

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**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

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Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

2/6/2006

Date

Morton J. Rosenberg

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-6996, or mailed to:  
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PATENT

REEL: 017277 FRAME: 0594

# ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (Invention Title)  
**NON-VOLATILE MEMORY STORAGE DEVICE AND CONTROLLER THEREFOR**

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. 11/341,682, filed 1/30/2006  
☐ U.S. Patent No. \_\_\_\_\_, issued \_\_\_\_\_

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. Patent Application identified above.

The ASSIGNOR(s) referred to in this agreement is (or are):

(Full name of sole or first inventor) LI-PAI CHEN (FAMILY NAME: CHEN)  
 (Address) 18F, 258, LIAN CHENG RD., CHUNG HO CITY, TAIPEI, TAIWAN, R.O.C.

(Full name of second joint inventor, if any) MING-DAR CHEN (FAMILY NAME: CHEN)  
 (Address) 18F, 258, LIAN CHENG RD., CHUNG HO CITY, TAIPEI, TAIWAN, R.O.C.

(Full name of third joint inventor, if any) HSIANG-AN HSIEH (FAMILY NAME: HSIEH)  
 (Address) 5F, NO. 1, LANE 45, PAO HSING RD., HSIINTIEN CITY, TAIPEI, TAIWAN, R.O.C.

(Full name of fourth joint inventor, if any) YEN-HSIN LIU (FAMILY NAME: LIU)  
 (Address) 18F, 258, LIAN CHENG RD., CHUNG HO CITY, TAIPEI, TAIWAN, R.O.C.

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) A-DATA TECHNOLOGY CO., LTD.  
 (Address of Assignee) 18F, 258, LIAN CHENG RD., CHUNG HO CITY, TAIPEI, TAIWAN, R.O.C.

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) \_\_\_\_\_  
 (Address of Assignee) \_\_\_\_\_

The First ASSIGNEE is:

- (Check one) ☐ an Individual  
☐ a partnership  
☒ a Corporation of TAIWAN, R.O.C.  
 (State of Country)

The Second ASSIGNEE is:

- (Check one) ☐ an Individual  
☐ a partnership  
☐ a Corporation of \_\_\_\_\_  
 (State of Country)

The ASSIGNOR(S), in consideration of \$ 1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:  
 the full and exclusive right to the invention;  
 an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS; and  
 the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(s) hereby authorize(s) and requests the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain and enforce proper protection for said invention.

Li-Pai Chen  
 (Signature of sole or first inventor)

JAN. 27, 2006

(Date)

Ming-Dar Chen  
 (Signature of second inventor, if any)

MING-DAR CHEN (FAMILY NAME: CHEN)

JAN. 27, 2006

(Date)

Hsiang-An Hsieh  
 (Signature of third inventor, if any)

HSIANG-AN HSIEH (FAMILY NAME: HSIEH)

JAN. 27, 2006

(Date)

Yen-Hsin Liu  
 (Signature of fourth inventor, if any)

YEN-HSIN LIU (FAMILY NAME: LIU)

JAN. 27, 2006

(Date)

PATENT

RECORDED: 02/06/2006

REEL: 017277 FRAME: 0595