

MR2439-1989

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**RECORDATION FORM COVER SHEET
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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):MING-DAR CHEN; CHUAN-SHENG LIN;
TSO-CHENG SU; SHIH-FANG HUNG;
TZU-WEI FANG; HSIANG-AN HSIEHExecution Date(s) 3/16/09; 3/16/09; 3/16/09; 3/16/09; 3/16/09; 3/16/09Additional 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.Street Address: 18F, NO. 258, LIAN CHENG RD.,
CHUNG HO CITYCity: 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)

12/382,442

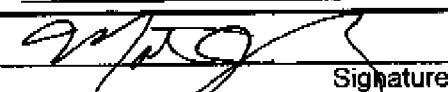
B. Patent No.(s)

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 & LeeStreet Address: 3458 Ellicott Center Drive,
Suite 101City: Ellicott CityState: MD Zip: 21043Phone Number: 410-465-6678Fax Number: 410-461-3067Email Address: rkl@rklpatlaw.com**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 Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 18-2011

Authorized User Name _____

9. Signature:

Signature

3/27/2009

Date

Morton J. Rosenberg

Name of Person Signing

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

4Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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PATENT
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CH \$40.00 182011 12382442

ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (invention Title) MULTI-CHANNEL HYBRID DENSITY MEMORY STORAGE DEVICE AND CONTROL METHOD THEREOF

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. 12/382,442, filed 3/17/2009

☐ 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) MING-DAR CHEN (FAMILY NAME: CHEN)

(Address) 4F., -1, NO. 27, LANE 23, GUANDONG RD., HSINCHU CITY, TAIWAN, R.O.C.

(Full name of second joint inventor, if any) CHUAN-SHENG LIN (FAMILY NAME: LIN)

(Address) No.26, LANE 36, WUNCAI ST., JHUBEI CITY, HSINCHU COUNTY, TAIWAN, R.O.C.

(Full name of third joint inventor, if any) TSO-CHENG SU (FAMILY NAME: SU)

(Address) 4F., NO. 7-3, LANE 157, SEC. 1, SINSHEG S. RD., JHONGJHENG DISTRICT, TAIPEI CITY 100, TAIWAN, R.O.C.

(Full name of fourth joint inventor, if any) SHIH-FANG HUNG (FAMILY NAME: HUNG)

(Address) 16F., NO. 32, ALLEY 19, LANE 22, BAOSHENG RD., YONGHE CITY, TAIPEI COUNTY 234, TAIWAN, R.O.C.

(Full name of fifth joint inventor, if any) TZU-WEI FANG (FAMILY NAME: FANG)

(Address) 9F., NO. 122, JHONGJHENG RD., JHONGHE CITY, TAIPEI COUNTY 235, TAIWAN, R.O.C.

(Full name of sixth joint inventor, if any) HSIANG-AN HSIEH (FAMILY NAME: HSIEH)

(Address) 5F., -1, NO. 160, REN-AI RD., SIJHIH CITY, TAIPEI COUNTY, TAIWAN, R.O.C.

(Full name of seventh joint inventor, if any) _____

(Address) _____

(Full name of eighth joint inventor, if any) _____

(Address) _____

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) A-DATA TECHNOLOGY CO., LTD.

(Address of Assignee) 18F., NO. 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 Third ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____

(Address of Assignee) _____

The Fourth ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____

(Address of Assignee) _____

The Fifth ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____

(Address of Assignee) _____

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The Sixth ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____

(Address of Assignee) _____

The Seventh ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____

(Address of Assignee) _____

The Eighth 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 Third ASSIGNEE is:

(Check one) ☐ an individual

☐ a partnership

☐ a Corporation of _____

(State of Country)

The Fourth ASSIGNEE is:

(Check one) ☐ an individual

☐ a partnership

☐ a Corporation of _____

(State of Country)

The Fifth ASSIGNEE is:

(Check one) ☐ an individual

☐ a partnership

☐ a Corporation of _____

(State of Country)

The Sixth ASSIGNEE is:

(Check one) ☐ an individual

☐ a partnership

☐ a Corporation of _____

(State of Country)

The Seventh ASSIGNEE is:

(Check one) ☐ an individual

☐ a partnership

☐ a Corporation of _____

(State of Country)

The Eighth ASSIGNEE is:

(Check one) ☐ an individual

☐ a partnership

☐ a Corporation of _____

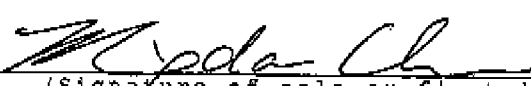
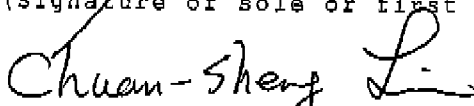
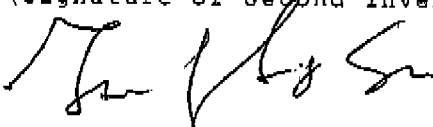
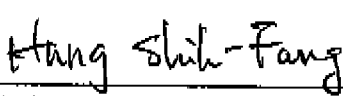
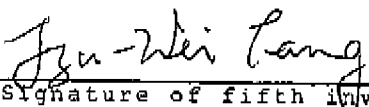
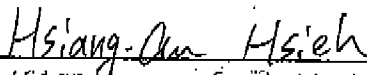
(State of Country)

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 enforced proper protection for said invention.

	MING-DAR CHEN (FAMILY NAME: CHEN)	MARCH 16, 2009 (Date)
(Signature of sole or first inventor)		
	CHUAN-SHENG LIN (FAMILY NAME: LIN)	MARCH 16, 2009 (Date)
(Signature of second inventor, if any)		
	TSO-CHENG SU (FAMILY NAME: SU)	MARCH 16, 2009 (Date)
(Signature of third inventor, if any)		
	SHIH-FANG HUNG (FAMILY NAME: HUNG)	MARCH 16, 2009 (Date)
(Signature of fourth inventor, if any)		
	TZU-WEI FANG (FAMILY NAME: FANG)	MARCH 16, 2009 (Date)
(Signature of fifth inventor, if any)		
	HSIANG-AN HSIEH (FAMILY NAME: HSIEH)	MARCH 16, 2009 (Date)
(Signature of sixth inventor, if any)		
(Signature of seventh inventor, if any)		
(Signature of eighth inventor, if any)		

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RECORDED: 03/27/2009

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