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**1. Name of conveying party(ies)**

JINN SHYAN WANG

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies)**Name: NATIONAL CHUNG CHENG UNIVERSITY

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

Street Address: 168, UNIVERSITY ROAD, MIN-HSIUNGCity: CHIA-YI, 621

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

Country: TAIWAN, R.O.C.

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

Additional name(s) & address(es) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 7/13/2009☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other \_\_\_\_\_**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

7,414,872

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Morton J. RosenbergInternal Address: Rosenberg, Klein & LeeStreet Address: 3458 Ellicott Center Drive, Suite 101City: Ellicott CityState: MDZip: 21043Phone Number: 410-465-6678Fax Number: 410-461-3067

Email Address: \_\_\_\_\_

**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 to deposit account☐ Enclosed☐ None required (government interest not affecting title)**8. Payment Information**Deposit Account Number 18-2011

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

**9. Signature:**

Signature

9/16/2009

Date

Morton J. Rosenberg

Name of Person Signing

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

2

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700418871

**PATENT**  
**REEL: 023282 FRAME: 0460**

CH \$40.00 182011 7414872

**ASSIGNMENT DEED**

This assignment agreement is applicable to an invention entitled (invention title)

**SEGMENTED SEARCH LINE CIRCUIT DEVICE FOR CONTENT ADDRESSABLE MEMORY**

This PATENT RIGHT 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. \_\_\_\_\_, filed \_\_\_\_\_
- ☒ U.S. Patent No. 7,414,872, issued Aug. 19, 2008

The PATENT RIGHT 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 first inventor) Wang, Jinn Shyan

(Address) Electrical Engineering Department of CCU, 5F-5, 168 San-Hsing, Ming-Hsiung, Chia-Yi, Taiwan, R.O.C.

(Full name of second joint inventor, if any) \_\_\_\_\_

(Address) \_\_\_\_\_

(Full name of third joint inventor, if any) \_\_\_\_\_

(Address) \_\_\_\_\_

(Full name of fourth joint inventor, if any) \_\_\_\_\_

(Address) \_\_\_\_\_

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) National Chung Cheng University

(Address) 168, University Road, Min-Hsiung, Chia-Yi, 621, Taiwan, R.O.C.

The Second ASSIGNEE referred to in this agreement is:

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

(Address) \_\_\_\_\_

The Third ASSIGNEE referred to in this agreement is:

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

(Address) \_\_\_\_\_

The First ASSIGNEE is

- (check one) ☐ an individual
- ☐ a partnership
- ☒ a Corporation of Taiwan, R.O.C.
- (state or Country)

The Second ASSIGNEE is

- (check one) ☐ an individual
- ☐ a partnership
- ☐ a Corporation of \_\_\_\_\_
- (state or Country)

The ASSIGNOR(S), in consideration of \$1.00 paid by the 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 in the invention; all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; 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 request(s) the Director 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, Continuation-in part, 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 an enforced proper protection for said invention.

Jinn Shyan Wang

(Signature of sole or first inventor)

July 13, 2009

(Date)

\_\_\_\_\_  
(Signature of second inventor, if any)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Signature of third inventor, if any)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Signature of fourth inventor, if any)

\_\_\_\_\_  
(Date)