01-14-2002

Attorney Docket No. 00939A-085100US

Form PTO-1595 (Rev. 03-01) OMB No. 0651-0027 (exp. 5/31/2002) 101943173	o.s. Department of Commerce
Tab settings ⇒ ⇒ ⇒	Please record the attached original documents or copy thereof 2. Name and address of receiving party(ies) Name: Hynix Semiconductor America, Inc. Internal Address: Street Address: 3101 North First Street City: San Jose State: CA ZIP: 95134 Additional names and addresses attached? ☐ Yes ☒ No
Execution Date: October 17, 2001 4. Application number(s) or patent number(s). If this document is being filed together with a new application, the	e execution date of the application is:
A. Patent Application No(s): 09/927,303 Additional numbers atta	B. Patent No(s):
Name and address of party to whom correspondence	Total number of applications and patents involved 1
concerning document should be mailed: Name: Steven Cahill TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (415) 576-0200	7. Total fee (37 CFR 3.41):\$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account
11/2002 AAHMED1 00000080 201430 09927303 FC:581 40.00 CH	8. Deposit account number: 20-1430 (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the original document.	
Steven Cahill Name of Person Signing Atty. Reg. No. 44,578 Total number of pages including cover sheet, attachments and document October 22, 2001 Date Attachments and document 4	

Mail documents to be recorded with required cover to: Commissioner of Patents and Trademarks, Box Assignments

Washington, D.C. 20231

Form PTO-1595 Recordation Form Cover Sheet Patents Only Page 2

 Additional name(s) of conveying party(ies): (Continued from Page 1)

Hsingya Arthur Wang Kai-Cheng Chou

- Additional name(s) and address(es) of receiving party(ies): (Continued from Page 1)
- Additional application number(s) or patent number(s): (Continued from Page 1)
 - A. Patent Application No.(s)

B. Patent No.(s)

PA 3178311 v1

PATENT REEL: 012438 FRAME: 0354

Attorney Docket No.: 00939A-085100US

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Peter Rabkin of 21631 Regnart Road, Cupertino, CA 95014; Hsingya Arthur Wang of 295 Cresta Vista Way, San Jose, CA 95119; Kai-Cheng Chou of 3661 Jasmine Circle, San Jose, CA 95135; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Processes and Structures for Self-Aligned Contact Non-

Volatile Memory with Peripheral Transistors Easily Modifiable for Various Technologies and Applications

Date(s) of execution of Declaration: October 17, 2001

Filing Date: August 10, 2001

Application No.: 09/927,303; and

WHEREAS, Hynix Semiconductor America, Inc., located at 3101 North First Street, San Jose, CA, 95134, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

PATENT REEL: 012438 FRAME: 0355 Assignment

Attorney Docket No.: 00939A-085100US

Page 2

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 10/17/01

Dated: (0/17/0)

Dated: (E(17/E/

RECORDED: 01/04/2002

Peter Rabkin

Asingya Arthur Wang

Kai-Cheng Chou

PA 3176099 v1

PATENT REEL: 012438 FRAME: 0356