

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

Attorney Docket No.: I438.276.101/IF02P266US

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Commissioner of Patents:

Please record the attached original signed documents or copy thereof.

**1. Name of conveying partie(ies):**

Ralf Symanczyk  
Paul-Henri Albarede

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

Qimonda AG  
Gustav-Heinemann-Ring 212  
Munich, Germany 81739

Altis Semiconductor  
224, Bd John Kennedy  
91105 Corbeil Essonnes Cedex  
France

Additional name(s) of conveying party(ies)  
attached? **No**

Additional name(s) and address(es)  
attached? **No**

**3. Nature of conveyance:**☒ Assignment ☐ Merger☐ Other: \_\_\_\_\_Execution Date(s): 01/16/2008; 01/15/2008**4. Application number(s) or patent number(s):**

A. Patent Application No(s).

B. Patent No(s).

11/962,956

Additional number(s) attached? **No****5. Name and address of party to whom correspondence concerning document should be mailed:**

Customer No. 25281  
Steven E. Dicke  
Dicke, Billig & Czaja, PLLC  
Suite 2250  
100 South Fifth Street  
Minneapolis, Minnesota 55402

**6. Total number of applications and patents involved: 1****7. Total fee (37 C.F.R. 3.41): \$40.00**☐ Enclosed☒ Authorized to be charged to Deposit Account No. 500471**8. Deposit Account No. \_\_\_\_\_**

(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 information is true and correct and any attached copy is a true copy of the original document.*Name of Person Signing: Steven E. DickeSignature: /Steven E. Dicke/Date: December 21, 2009Total number of pages comprising cover sheet: 1**PATENT****700425534****REEL: 023702 FRAME: 0046**

QIMONDA REF NO. IF02P266US  
O.C. REF NO. I438.276.101

### ASSIGNMENT

For good and valuable consideration, I, Ralf Symanczyk, a citizen of Germany, residing at 77, bd. Jean Jaures, 91100 Corbeil, France; and Paul-Henri Albaredo, a citizen of France, residing at 17 allée Clement Marot, 77170 Brie Comte Robert, France, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Qimonda AG, a corporation organized and existing under the laws of Germany, having its principal place of business at Gustav-Heinemann-Ring 212, 81739 Munich, Germany, and Altis Semiconductor, 224, Bd John Kennedy, 91105 Corbeil Essonnes Cedex, France hereinafter collectively "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and was filed on December 21, 2007 as U.S. Application No. 11/962,956, entitled:

### RETENTION SYSTEM AND METHOD FOR RESISTIVELY SWITCHING MEMORY DEVICES

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers, communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof, and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives, and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE:

Ralf Symanczyk  
NAME: Ralf Symanczyk

DATE:

01/16/2008

SIGNATURE:

and Paul-Henri Albaredo  
NAME: and Paul-Henri Albaredo

DATE:

QIMONDA REF NO. IF02P266US  
O.C. REF NO. I438.276.101

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For good and valuable consideration, I, Ralf Symanczyk, a citizen of Germany, residing at 77, bd. Jean Jaures, 91100 Corbeil, France; and Paul-Henri Albaredo, a citizen of France, residing at ~~77, bd. Jean Jaures, 91100 Corbeil, France~~, France, hereinafter individually or collectively referred to as "Assignor";

*21 rue du Ru, 91540 Mennecy, France*

Hereby sell, assign and transfer to Qimonda AG, a corporation organized and existing under the laws of Germany, having its principal place of business at Gustav-Heinemann-Ring 212, 81739 Munich, Germany, and Altis Semiconductor, 224, Bd John Kennedy, 91105 Corbeil Essonnes Cedex, France hereinafter collectively "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and was filed on December 21, 2007 as U.S. Application No. 11/962,956, entitled:

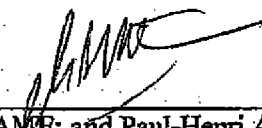
## RETENTION SYSTEM AND METHOD FOR RESISTIVELY SWITCHING MEMORY DEVICES

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
NAME: Ralf Symanczyk

SIGNATURE:  \_\_\_\_\_ DATE: 15/01/08  
NAME: and Paul-Henri Albaredo