

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Thomas Happ		11/16/2006
Thomas Nirschl		11/16/2006
RECEIVING PARTY DATA		
Name:	Qimonda North America Corp.	
Street Address:	3000 CentreGreen Way	
City:	Cary	
State/Country:	NORTH CAROLINA	
Postal Code:	27513	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11602720	
CORRESPONDENCE DATA		
Fax Number:	(919)678-1899	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	9196773024	
Email:	ifna.ip@infineon.com	
Correspondent Name:	Heather Rowland	
Address Line 1:	3000 CentreGreen Way	
Address Line 4:	Cary, NORTH CAROLINA 27513	
ATTORNEY DOCKET NUMBER:	2006P52632US	
NAME OF SUBMITTER:	Heather Rowland	
Total Attachments: 2		
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**PATENT
REEL: 018626 FRAME: 0081**

QIMONDA REF NO. 2006P52632US
O.C. REF NO. I331.325.101

ASSIGNMENT

For good and valuable consideration, I, Thomas Happ, a citizen of Germany, residing at 31 Storm St 2, Tarrytown, New York, 10591, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to **Qimonda North America Corp.**, a corporation organized and existing under the laws of Delaware, having its principal place of business at 3000 CentreGreen Way, Cary, North Carolina, hereinafter "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 filed herewith, entitled

RESISTIVE MEMORY INCLUDING BIPOLAR TRANSISTOR ACCESS 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: Thomas Happ DATE: 11/16/06
NAME: Thomas Happ

QIMONDA REF NO. 2006P52632US
O.C. REF NO. I331.325.101

ASSIGNMENT

For good and valuable consideration, I, Thomas Nirschl, a citizen of Germany, residing at 17A Lamaille Street, Essex Junction, Vermont 05452, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to **Qimonda North America Corp.**, a corporation organized and existing under the laws of Delaware, having its principal place of business at 3000 CentreGreen Way, Cary, North Carolina, hereinafter "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 filed herewith, entitled

RESISTIVE MEMORY INCLUDING BIPOLAR TRANSISTOR ACCESS 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: _____

NAME: Thomas Nirschl

DATE: _____

11-16-06