

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
		Name	Execution Date
		Thomas Happ	12/14/2007
		Jan Boris Philipp	12/14/2007
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:		11957878	
CORRESPONDENCE DATA			
Fax Number:	(919)678-1899		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>			
Phone:	9196773023		
Email:	QNA.ip@qimonda.com		
Correspondent Name:	Astrid Harclerode		
Address Line 1:	3000 CentreGreen Way		
Address Line 4:	Cary, NORTH CAROLINA 27513		
ATTORNEY DOCKET NUMBER:	2007P52051US		
NAME OF SUBMITTER:	Astrid Harclerode		
Total Attachments: 2			
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CH \$40.00 11957878

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**PATENT
REEL: 020360 FRAME: 0282**

ASSIGNMENT

For good and valuable consideration, I, Thomas Happ, a citizen of Germany, residing at Wolgaster Str. 2, Dresden, Germany 01109, and I, Jan Boris Philipp, a citizen of Germany, residing at Berg-Am-Laim-Str. 69a, Muenchen, Germany 81673, 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

INTEGRATED CIRCUIT INCLUDING QUENCH 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: 12/14/07
NAME: Thomas Happ

SIGNATURE: _____ DATE: _____
NAME: Jan Boris Philipp

ASSIGNMENT

For good and valuable consideration, I, Thomas Happ, a citizen of Germany, residing at Wolgaster Str. 2, Dresden, Germany 01109, and I, Jan Boris Philipp, a citizen of Germany, residing at Berg-Am-Laim-Str. 69a, Muenchen, Germany 81673, hereinafter individually or collectively referred to as "Assignor";

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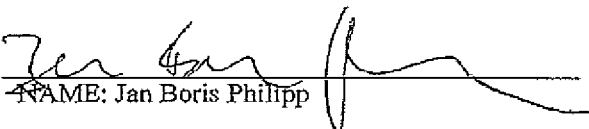
INTEGRATED CIRCUIT INCLUDING QUENCH DEVICES

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: Thomas Happ

SIGNATURE:  DATE: Dec 14 2007
NAME: Jan Boris Philipp