PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Thomas Happ	07/18/2010
Jan Boris Philipp	07/20/2010

RECEIVING PARTY DATA

Name:	Qimonda AG
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City:	Munich
State/Country:	FEDERAL REPUBLIC GERMANY
Postal Code:	81739

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12687951

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NAME OF SUBMITTER: Christopher J. Frerking

Total Attachments: 5

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> PATENT REEL: 024777 FRAME: 0685

U.S. Patent Appln. No.: 12/687,951 Docket No.: P43257US

Filing Date: 01-15-2010

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s): Thomas Happ

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Residence: Dresden, Germany

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Assignor(s): Jan Boris Philipp

Citizenship: German

Residence: Munich, Germany

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Filing Date: 01-15-2010

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"Method of operating an integrated circuit, integrated circuit and memory module" for which:

a non-provisional application for United States Letters Patent:

was executed on even date preparatory to filing (each inventor should sign this

Assignment on the same day as he/she signs the Declaration and Power of

Attorney); or

was filed on January 15, 2010 and accorded U.S. Serial No. 12/687,951; or

will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby

authorizes and requests ASSIGNEE'S legal representatives, the attorneys

associated with Customer No. _____, to insert below in this document this

APPLICATION's U.S. Serial Number and filing date, when known:

U.S. Serial No.

filed on

WHEREAS, ASSIGNEE (listed above), a corporation of the Federal Republic of

Germany is desirous of acquiring the entire right, title and interest in and to the invention and

in and to any letters patent that may be granted therefore in the United States and in any

and all foreign countries:

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of

which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto

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ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention and improvements, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Docket No.: P43257US

Filing Date: 01-15-2010

7/18/10 Date Docket No.: P43257US

Name

ame 1st Inventor: Thomás Happ

Filing Date: 01-15-2010

Docket No.: P43257US

20 04. 2010 Date

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