

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael Richter	07/16/2010
Markus Balb	07/16/2010
Christoph Bilger	05/12/2010
Dr. Martin Brox	07/16/2010
Dr. Peter Gregorius	06/01/2010
Thomas Hein	07/16/2010
Andreas Schneider	07/27/2010
RECEIVING PARTY DATA	
Name:	Qimonda AG
Street Address:	Gustav-Heinemann-Ring 212
City:	Munich
State/Country:	GERMANY
Postal Code:	81739
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12710800
CORRESPONDENCE DATA	
Fax Number:	(612)573-2005
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	612-573-2000
Email:	office@dbclaw.com
Correspondent Name:	Dicke, Billig & Czaja, PLLC
Address Line 1:	100 South Fifth Street
Address Line 2:	Ste. 2250
Address Line 4:	Minneapolis, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	Q600.136.101

CH \$40.00 12710800

501256271

PATENT
REEL: 024807 FRAME: 0236

NAME OF SUBMITTER:

Steven E. Dicke

Total Attachments: 9

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Q600.136.101/2008P00111US

Whereas, I/We, Michael Richter of Ottobrunn, Germany, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR MEMORY WITH MEMORY CELL PORTIONS HAVING DIFFERENT ACCESS SPEEDS

for which an application for a United States Patent was filed on February 23, 2010 Application Number 12/710,800.

for which an application for a United States Patent was executed on _____, and

Whereas, Qimonda AG of Munich, Germany here referred to "assignee" whose mailing address is Gustav-Heinemann-Ring 212, 81739 Munich, Germany is desirous of acquiring the entire right, title and interest in the same;

For good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 16 day of July, 20 10 at Ottobrunn, Germany


Signature

Michael Richter
Printed Name/Registration No., if applicable

Total of 1 forms are submitted.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Q600.136.101/2008P00111US

Whereas, I/We, Markus Balb of Unterhaching, Germany, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR MEMORY WITH MEMORY CELL PORTIONS HAVING DIFFERENT ACCESS SPEEDS

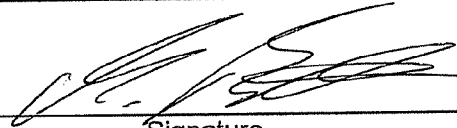
for which an application for a United States Patent was filed on February 23, 2010 Application Number 12/710,800.

for which an application for a United States Patent was executed on _____, and

Whereas, Qimonda AG of Munich, Germany here referred to "assignee" whose mailing address is Gustav-Heinemann-Ring 212, 81739 Munich, Germany is desirous of acquiring the entire right, title and interest in the same;

For good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 16th day of July, 20 10 at Munich, Germany



Signature

Markus Balb

Printed Name/Registration No., if applicable

Total of 1 forms are submitted.

ASSIGNMENT

For good and valuable consideration, I, Michael Richter, a citizen of Germany, residing at Mozartstr. 125b, Ottobrunn, Germany, Markus Balb, a citizen of Germany, residing at Hauptstr. 108, Unterhaching, Germany, Christoph Bilger, a citizen of Germany, residing at Kapzinerstrasse 48, Muenchen, Germany, Dr. Martin Brox, a citizen of Germany, residing at Klarastr. 15, Muenchen, Germany, Dr. Peter Gregorius, a citizen of Germany, residing at Forstenrieder Allee 134, Muenchen, Germany, Thomas Hein, a citizen of Germany, residing at Alfred-Schmidt-Str. 31, Muenchen, Germany and Andreas Schneider, a citizen of Germany, residing at Brucker Str. 9, Gernlinden, Germany, 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, 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 on February 23, 2010 US. Serial No. 12/710,800,

entitled: SEMICONDUCTOR MEMORY WITH MEMORY CELL PORTIONS HAVING DIFFERENT ACCESS SPEEDS

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: _____
1st Inventor

Date: _____

Signature: _____
2nd Inventor

Date: _____

Signature: *Christoph Burt*
3rd Inventor

Date: 12.5.10

Signature: _____
4th Inventor

Date: _____

Signature: _____
5th Inventor

Date: _____

Signature: _____
6th Inventor

Date: _____

Signature: _____
7th Inventor

Date: _____

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Q600.136.101/2008P00111US

Whereas, I/We, Martin Brox of Muenchen, Germany, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR MEMORY WITH MEMORY CELL PORTIONS HAVING DIFFERENT ACCESS SPEEDS

for which an application for a United States Patent was filed on February 23, 2010
Application Number 12/710,800.

for which an application for a United States Patent was executed on _____, and
Whereas, Qimonda AG of Munich, Germany here referred to "assignee" whose mailing address is Gustav-Heinemann-Ring 212, 81739 Munich, Germany is desirous of acquiring the entire right, title and interest in the same;

For good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 16th day of July, 20 10
at Munich, Germany



Signature

Martin Brox

Printed Name/Registration No., if applicable

Total of 1 forms are submitted.

ASSIGNMENT

For good and valuable consideration, I, Michael Richter, a citizen of Germany, residing at Mozartstr. 125b, Ottobrunn, Germany, Markus Balb, a citizen of Germany, residing at Hauptstr. 108, Unterhaching, Germany, Christoph Bilger, a citizen of Germany, residing at Kapzinerstrasse 48, Muenchen, Germany, Dr. Martin Brox, a citizen of Germany, residing at Klarastr. 15, Muenchen, Germany, Dr. Peter Gregorius, a citizen of Germany, residing at Forstenrieder Allee 134, Muenchen, Germany, Thomas Hein, a citizen of Germany, residing at Alfred-Schmidt-Str. 31, Muenchen, Germany and Andreas Schneider, a citizen of Germany, residing at Brucker Str. 9, Gernlinden, Germany, 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, 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 on February 23, 2010 US. Serial No. 12/710,800,

entitled: SEMICONDUCTOR MEMORY WITH MEMORY CELL PORTIONS HAVING DIFFERENT ACCESS SPEEDS

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: _____
1st Inventor

Date: _____

Signature: _____
2nd Inventor


Date: _____

Signature: _____
3rd Inventor

Date: _____

Signature: _____
4th Inventor

Date: _____

Signature:  _____
5th Inventor

Date: 01. June 2010

Signature: _____
6th Inventor

Date: _____

Signature: _____
7th Inventor

Date: _____

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

Q600.136.101/2008P00111US

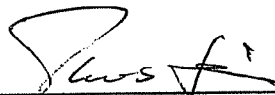
Whereas, I/We, Thomas Hein of Muenchen, Germany, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR MEMORY WITH MEMORY CELL PORTIONS HAVING DIFFERENT ACCESS SPEEDS

for which an application for a United States Patent was filed on February 23, 2010
Application Number 12/710,800.

for which an application for a United States Patent was executed on _____, and
Whereas, Qimonda AG of Munich, Germany here referred to "assignee" whose mailing address is Gustav-Heinemann-Ring 212, 81739 Munich, Germany is desirous of acquiring the entire right, title and interest in the same;

For good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 16 day of July, 20 10
at München, Germany



Signature

Thomas Hein

Printed Name/Registration No., if applicable

Total of 1 forms are submitted.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
Q600.136.101/2008P00111US

Whereas, I/We, Andreas Schneider of Gemlinden, Germany, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR MEMORY WITH MEMORY CELL PORTIONS HAVING DIFFERENT ACCESS SPEEDS

for which an application for a United States Patent was filed on February 23, 2010
Application Number 12/710,800

for which an application for a United States Patent was executed on _____, and

Whereas, Qimonda AG of Munich, Germany here referred to "assignee" whose mailing address is Gustav-Heinemann-Ring 212, 81739 Munich, Germany is desirous of acquiring the entire right, title and interest in the same;

For good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 27th day of July, 20 10
at Munich, Germany

Andreas Schneider
Signature

Andreas Schneider
Printed Name/Registration No., if applicable