

USPTO

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TO:LAURIE LANGHORN COMPANY:P.O. BOX 52050

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1



SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Conveying Party Data previously recorded on Reel 025534 Frame 0654. Assignor(s) hereby confirms the Jihing Ren.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kyung Suk Oh</td><td>07/13/2010</td></tr><tr><td>John Wilson</td><td>07/19/2010</td></tr><tr><td>Joong-Ho Kim</td><td>07/13/2010</td></tr><tr><td>Jihong Ren</td><td>07/13/2010</td></tr></tbody></table>	Name	Execution Date	Kyung Suk Oh	07/13/2010	John Wilson	07/19/2010	Joong-Ho Kim	07/13/2010	Jihong Ren	07/13/2010	
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Kyung Suk Oh	07/13/2010										
John Wilson	07/19/2010										
Joong-Ho Kim	07/13/2010										
Jihong Ren	07/13/2010										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Rambus Inc.</td></tr><tr><td>Street Address:</td><td>1050 Enterprise Way, Suite 700</td></tr><tr><td>City:</td><td>Sunnyvale</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94089</td></tr></table>	Name:	Rambus Inc.	Street Address:	1050 Enterprise Way, Suite 700	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94089	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12971213</td></tr></tbody></table>	Property Type	Number	Application Number:	12971213							
Property Type	Number										
Application Number:	12971213										
CORRESPONDENCE DATA											
Fax Number: (888)262-0086 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 970-590-7320											
Email: alex@neudecklaw.com											
Correspondent Name: Laurie Langhorn											
Address Line 1: P.O. Box 52050											
Address Line 4: Minneapolis, MINNESOTA 55402											
ATTORNEY DOCKET NUMBER:	765.0003US1										
NAME OF SUBMITTER:	Laurie Langhorn										
Total Attachments: 2											

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PAGE

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TO: THE NEUDECK LAW FIRM COMPANY: C/O CPA GLOBAL

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
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RECEIVING PARTY DATA											
Name:	Rambus Inc.										
Street Address:	1650 Enterprise Way, Suite 700										
City:	Sunnyvale										
State/Country:	CALIFORNIA										
Postal Code:	94089										
PROPERTY NUMBERS Total: 1											
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Phone:	970-590-7320										
Email:	alex@neudecklaw.com										
Correspondent Name:	The Neudeck Law Firm										
Address Line 1:	C/O CPA Global										
Address Line 2:	P.O. Box 52050										
Address Line 4:	Minneapolis, MINNESOTA 55402										
ATTORNEY DOCKET NUMBER:	785.0007P										
NAME OF SUBMITTER:	Alex Neudeck										
Total Attachments: 6											

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TO:LAURIE LANGHORN COMPANY:P.O. BOX 52050

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TO:THE NEUDECK LAW FIRM COMPANY:C/O CPA GLOBAL

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Attorney Docket No. 765.0003

**ASSIGNMENT
OF PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Kyung Suk Oh	10219 Palo Vista Cupertino, California 95014 United States of America
John Wilson	7620 Elliott Drive Raleigh, North Carolina 27613 United States of America
Joong-Ho Kim	7050 Calcutta Drive San Jose, California 95120 United States of America
Jihong Ren	1185 Kent Avenue Sunnyvale, California 94087 United States of America

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility and/or provisional application entitled:

FREQUENCY RESPONSIVE BUS CODING

which was:

- ☐ executed on even date herewith,
- ☒ filed with the United States Patent and Trademark Office (USPTO) on December 1, 2009 and assigned International Application Number PCT/US2009/066253, and
- ☒ further described in U.S. Provisional application assigned Serial No. 61/132,585, filed with the USPTO on June 20, 2008, and
- ☒ further described in International Application Number PCT/US2009/003697, filed with the USPTO on June 18, 2009.

Note: Only one of the first two checkboxes will be checked. The additional checkbox(s) will be checked, only if appropriate.

WHEREAS, Rambus Inc., having a place of business at 4440 El Camino Real, Los Altos, California 94022, hereinafter referred to as ASSIGNEE, is desirous of

Attorney Docket No. 765.0003

acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said provisional application, and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said inventions(s), said utility application, and said provisional application, for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR'S behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

Attorney Docket No. 755,0003

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

[Signature]
Inventor's Signature

Date:

7/17/2010

Kyung Suk Oh
Inventor's Printed Name

STATE OF CALIFORNIA)
) SS
COUNTY OF San Diego)

On this 17th day of July, 2010, before me, personally appeared the above named who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

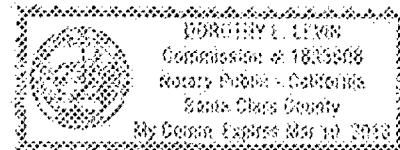
I certify under PENALTY of PERJURY that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

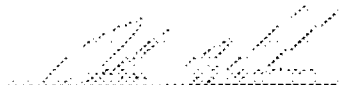
NOTARY PUBLIC

[Signature]

My Commission Expires March 10, 2013



Attorney Docket No. 765.0003


Inventor's Signature

Date: July 19, 2010

John Wilson
Inventor's Printed Name

STATE OF _____)
) SS
COUNTY OF _____)

On this _____ day of _____, 2010, before me, personally appeared the above named who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

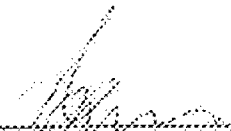
I certify under PENALTY of PERJURY that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

NOTARY PUBLIC

My Commission Expires _____

Attorney Docket No. 765,0003



Inventor's Signature

Date: 07/13/2010

Jeong-Ho Kim

Inventor's Printed Name

STATE OF CALIFORNIA)
) SS
COUNTY OF Santa Clara)

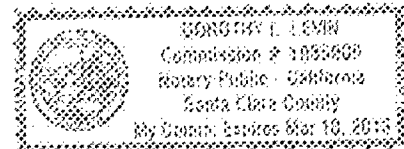
On this 13th day of July, 2010, before me, personally appeared the above named who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her-their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY of PERJURY that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

NOTARY PUBLIC 

My Commission Expires Mar 10, 2013



Attorney Docket No. 765.0003

[Signature]
Inventor's Signature

Date: July 16th, 2010

Jihong Ren
Inventor's Printed Name

STATE OF CALIFORNIA)
) SS
COUNTY OF San Diego)

On this 12th day of July, 2010, before me, personally appeared the above named who proved to me on the basis of satisfactory evidence to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY of PERJURY that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

NOTARY PUBLIC

[Signature]

My Commission Expires March 16, 2013