

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
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>11/20/2008</td> </tr> <tr> <td>Huy M. Nguyen</td> <td>11/20/2008</td> </tr> <tr> <td>Eugene C. Ho</td> <td>11/20/2008</td> </tr> <tr> <td>Woopoung Kim</td> <td>11/25/2008</td> </tr> </tbody> </table>		Name	Execution Date	Kyung Suk Oh	11/20/2008	Huy M. Nguyen	11/20/2008	Eugene C. Ho	11/20/2008	Woopoung Kim	11/25/2008
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Rambus Inc.</td> </tr> <tr> <td>Street Address:</td> <td>444 El Camino Real</td> </tr> <tr> <td>City:</td> <td>Los Altos</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94022</td> </tr> </table>		Name:	Rambus Inc.	Street Address:	444 El Camino Real	City:	Los Altos	State/Country:	CALIFORNIA	Postal Code:	94022
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PROPERTY NUMBERS Total: 2											
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CORRESPONDENCE DATA											
Fax Number: 9256212119 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 9256212113 Email: art@siliconedgelaw.com Correspondent Name: Arthur J Behiel Address Line 1: 6601 Koll Center Parkway Address Line 2: Suite 245 Address Line 4: Pleasanton, CALIFORNIA 94566											
ATTORNEY DOCKET NUMBER:	RA644.P.US/RA644.C1.US										
NAME OF SUBMITTER:	Arthur J. Behiel										

OP \$80.00 8130010

Signature:	/Arthur J. Behiel/
Date:	07/30/2013
<p>Total Attachments: 8</p> <p>source=RA644_Assignment#page1.tif</p> <p>source=RA644_Assignment#page2.tif</p> <p>source=RA644_Assignment#page3.tif</p> <p>source=RA644_Assignment#page4.tif</p> <p>source=RA644_Assignment#page5.tif</p> <p>source=RA644_Assignment#page6.tif</p> <p>source=RA644_Assignment#page7.tif</p> <p>source=RA644_Assignment#page8.tif</p>	

Attorney Docket No. R-RA0644.Prov1.US

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Kyung Suk Oh
Woopoung Kim10219 Palo Vista Road, Cupertino, CA 95014
Churchill on the Park Apartment #623, 7601 Churchill Way, Dallas,
TX 75251Huy M. Nguyen
Eugene C. Ho5102 Durban Court, San Jose, CA 95138
18548 Paseo Tierra, Saratoga, CA 95070

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

SIGNAL LINES WITH INTERNAL AND EXTERNAL TERMINATION

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

____ On the ____ day of _____, 20____;

Or

☒ Said application having Application Number 61/099,646 and filed on 24 September 2008; and

WHEREAS, RAMBUS INC., a corporation of the State of Delaware, having a place of business at 4440 El Camino Real, Los Altos, CA 94022, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

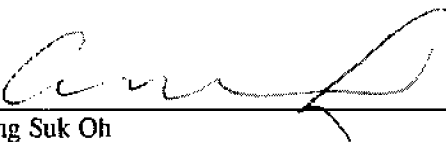
2. Said Inventor(s) hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting


substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

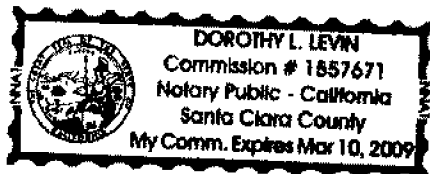
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.


Kyung Suk Oh


Date




State of CALIFORNIA)
County of SANTA CLARA)

On 11-20-08, before me, Dorothy L. Levin, Notary Public, personally appeared Kyung Suk Oh, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(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 under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


(Signature of Notary Public)

State of _____)
County of _____)

Woopoung Kim

On _____, before me, _____,
personally appeared Woopoung Kim,
who proved to me on the basis of satisfactory evidence to be the
person(s) whose name(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
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behalf of which the person(s) acted, executed the instrument.

Date

I certify under PENALTY OF PERJURY under the laws of the
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(Signature of Notary Public)

State of California)
County of Santa Clara)

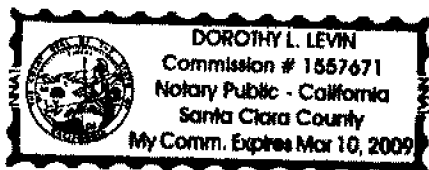
Huy M. Nguyen
Huy M. Nguyen

On 11-20-08, before me, Dorothy L. Levin, Notary Public,
personally appeared Huy M. Nguyen,
who proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) is/are subscribed to the within instrument
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11/20/2008
Date

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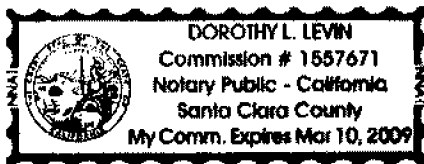
WITNESS my hand and official seal.



Dorothy L. Levin
(Signature of Notary Public)

Eugene C. Ho
Eugene C. Ho

11/20/2008
Date



State of CALIFORNIA)
County of Santa Clara)

On 11/20/08, before me, Dorothy L. Levin, Notary Public, personally appeared Eugene C. Ho, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(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.

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Dorothy L. Levin
(Signature of Notary Public)

State of _____)
County of _____)

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Woopoung Kim

10219 Palo Vista Road, Cupertino, CA 95014
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2. Said Inventor(s) hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting

Attorney Docket No. R-RA0644.Prov1.US

substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

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IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below.

State of)
)
 County of)

 Kyung Suk Oh

On _____, before me, _____,
 personally appeared Kyung Suk Oh,
 who proved to me on the basis of satisfactory evidence to be the
 person(s) whose name(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.

 Date

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 State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

 (Signature of Notary Public)

Attorney Docket No. R-RA0644.Prov1.US



Woopoung Kim

11/25/09

Date

State of _____)
 County of _____)

On _____, before me, _____,
 personally appeared Woopoung Kim,
 who proved to me on the basis of satisfactory evidence to be the
 person(s) whose name(s) is/are subscribed to the within instrument
 and acknowledged to me that he/she/they executed the same in
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 State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

 (Signature of Notary Public)

State of _____)
 County of _____)

Huy M. Nguyen

Date

On _____, before me, _____,
 personally appeared Huy M. Nguyen,
 who proved to me on the basis of satisfactory evidence to be the
 person(s) whose name(s) is/are subscribed to the within instrument
 and acknowledged to me that he/she/they executed the same in
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WITNESS my hand and official seal.

 (Signature of Notary Public)

Attorney Docket No. R-RA0644.Prov1.US

State of _____)
)
 County of _____)

 Eugene C. Ho

 Date

On _____, before me, _____,
 personally appeared Eugene C. Ho,
 who proved to me on the basis of satisfactory evidence to be the
 person(s) whose name(s) is/are subscribed to the within instrument
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 (Signature of Notary Public)

State of _____)
)
 County of _____)

 Date

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