#### 05/22/2014 502819910

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2866506

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ARUN VAIDYANATH	08/13/2009
CRAIG E. HAMPEL	08/13/2009

# **RECEIVING PARTY DATA**

Name:	Rambus Inc.	
Street Address:	1050 Enterprise Way, Suite 700	
City:	Sunnyvale	
State/Country:	CALIFORNIA	
Postal Code:	94089	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14284473

### CORRESPONDENCE DATA

Fax Number: (408)877-3828

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: MARC SCHUYLER Address Line 1: PO BOX 2535

Address Line 4: SARATOGA, CALIFORNIA 95070

ATTORNEY DOCKET NUMBER:	2014035 / RA693PCTC1US
NAME OF SUBMITTER:	MARC P. SCHUYLER, REG. NO. 35675
SIGNATURE:	/Marc P. Schuyler/
DATE SIGNED:	05/22/2014

# **Total Attachments: 3**

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> **PATENT** REEL: 032946 FRAME: 0218 502819910

# CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Arun Vaidyanath Craig E. Hampel

7066 Avenida Rotella, San Jose, CA 95139 340 Bellvue Court, Los Altos, CA 94024

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

METHOD AND SYSTEM FOR SYNCHRONIZING ADDRESSES AND CONTROL SIGNALS IN THREADED MEMORY MODULES

and haventie	ve executed a declaration or oath for an application for a United States patent disclosing and identifying the
area a common	On the, 20;
	Or
<u>X</u>	Said application having Application Number 61/229,044 and filed on 28 July 2009; and
invention hereinal	WHEREAS, <u>RAMBUS INC.</u> a corporation of the State of <u>Delaware</u> , having a place of business at <u>4440 El</u> <u>Real</u> , <u>Los Altos</u> , <u>CA 94022</u> , (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title trest in and to said application and the invention disclosed therein, and in and to all embodiments of the on, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively fier termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of on (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

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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.

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Arun Vaidyanath

8/13/2009

Date

DOROTHY L. LEVIN

Commission # 1835908

Notary Public - California

Sants Clara County

My Comm. Expires Mar 10, 2013

State of CALIFORNIA

County of Smuta CLARA

On 8-13-09, before me, Ochethay C. Levin Motoray Alderson

personally appeared Anin Vaidyanath,

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)

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Craig E. Hampel	State of CALL FAMILIA  County of SAMA CLARA  On 13 to before me, Ooko Hay C. Levius Workship Public personally appeared Craig E. Hampel.
August 13, 2009 Date	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.
DOROTHY L. LEVIN Commission # 1835908 Notery Public - California Earna Clara County My Comm. Expires Mar 10, 2013	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 )
Date	on, before me,, personally appeared, 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 be/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)

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PATENT REEL: 032946 FRAME: 0221

**RECORDED: 05/22/2014**