# 503151785 01/26/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT3198397

#### **CONVEYING PARTY DATA**

Name	Execution Date
STEVEN WOO	12/16/2014
DAVID SECKER	12/17/2014
RAVINDRANATH KOLLIPARA	12/16/2014

### **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:	14568848

### **CORRESPONDENCE DATA**

Fax Number:

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.

Phone: 408-462-8000 twain@rambus.com

Correspondent Name: TARISA WAIN

Address Line 1: 1050 ENTERPRISE WAY #700
Address Line 4: SUNNYVALE, CALIFORNIA 94089

ATTORNEY DOCKET NUMBER:	10208US03
NAME OF SUBMITTER:	TARISA WAIN
SIGNATURE:	/Tarisa Wain/
DATE SIGNED:	01/26/2015

# **Total Attachments: 4**

source=10208US03 Executed Assignments #page1.tif source=10208US03 Executed Assignments #page2.tif source=10208US03 Executed Assignments #page3.tif source=10208US03 Executed Assignments #page4.tif

PATENT 503151785 REEL: 034815 FRAME: 0487

#### ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and pursuant to my obligation to Rambus Inc. and/or its affiliates to assign intellectual property, and pursuant to any other applicable agreements regarding the assignment of intellectual property among Rambus Inc. and its affiliates, I, as one of the person(s) named below

Steven Woo of Saratoga, CA
David Secker of San Jose, CA
Ravindranath Kollipara of Palo Alto, CA

have sold, assigned, and transferred and/or I do hereby sell, assign, and transfer to Rambus Inc., a Delaware corporation having a place of business at 1050 Enterprise Way, Suite 700, Sunnyvale CA 94089 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. My entire worldwide right, title, and interest in all inventions and improvements

	BJECT MATTER") that are disclos I "MEMORY MIRRORING", havir		("APPLICATION")
<u>X</u>	United States Patent Applicati	ion No. <b>14/568,848</b> , filed on	December 12, 2014;
<del>,</del>	which claims priority to U.S. P NUMBER] filed on [Enter DA		APPLICATION
	Application number (	), filed (	}},
	inserted by (	) on (	), initials ()
	[Where I hereby authorize and each parentheses the applicat with the printed name, date, a section].	tion number and filing date v	when known, along

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, utility model, design, divisional, continuation, continued prosecution, continuation-in-part, substitute, renewal, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world related to the SUBJECT MATTER; (d) all patents (including reissues, re-examinations, and extensions) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

I agree that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

As part of this Assignment, I further agree to do the following, when requested, and without further consideration: (1) execute all oaths, declarations, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the

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rights, titles, and interests conveyed. I further agree to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

I represent that I had or still have the right, title, and interest to convey as set forth herein, and covenant with ASSIGNEE that I have not made and will not make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests conveyed.

I grant ASSIGNEE or its agents the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The terms and covenants of this Assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding upon me, and my heirs, legal representatives and assigns.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Each Inventor: Please Sign and Date Below:

\$\(\frac{1}{2}\)\(\lambda_0\)	12/16/4
Inventor Name: Steven Woo	Date
1/min/Salan	12/17/14
Inventor Name: David Secker	Date
inventor Name: Ravindranath Kollipara	Date

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Steven Woo of Saratoga, CA
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	which claims priority to U.S. P NUMBER] filed on [Enter DAT		er APPLICATION
	Application number (	) on ( d request ASSIGNEE or its a tion number and filing date	), initials () agents to insert here in when known, along

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, utility model, design, divisional, continuation, continued prosecution, continuation-in-part, substitute, renewal, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world related to the SUBJECT MATTER; (d) all patents (including reissues, re-examinations, and extensions) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

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Fach Inventor: Please Sign and Date Relaw:

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

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Inventor Name: Steven Woo	Date
Inventor Name: David Secker	Date
_/Ravindranath Kollipara/ Inventor Name: <b>Ravindranath Kollipara</b>	December 16, 2014 Date

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