# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3454673

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
IAN SHAEFFER	04/11/2007
ELY TSERN	04/11/2007
CRAIG HAMPEL	04/10/2007

## **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 4**

Property Type	Number
Patent Number:	7685364
Patent Number:	8108607
Application Number:	14015648
Application Number:	14801723

## **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
Email: twain@rambus.com
Correspondent Name: TARISA WAIN

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

ATTORNEY DOCKET NUMBER: RA442.CIP2D1C1C.B49 +3

NAME OF SUBMITTER: TARISA WAIN

SIGNATURE: /Tarisa Wain/

DATE SIGNED: 07/24/2015

**Total Attachments: 4** 

PATENT REEL: 036174 FRAME: 0403



PATENT REEL: 036174 FRAME: 0404

#### JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

- (1) Ian Shaeffer, a resident of 552 Chelsea Crossing, San Jose, California 95138; and
- (2) Ely Tsern, a resident of 784 Dixon Way, Los Altos, California 94022;
- (3) Craig Hampel, a resident of 5927 Dunn Avenue. San Jose, California 95123,

have invented certain new and useful improvements in:

# MEMORY SYSTEM TOPOLOGIES INCLUDING A BUFFER DEVICE AND AN INTEGRATED CIRCUIT MEMORY DEVICE

and have executed a declaration for an application for a United States Patent disclosing and identifying the invention, said application having Application Number 11/697,572 and filed on the  $6^{th}$  day of April, 2007.

WHEREAS Rambus Inc. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 4440 El Camino Real, Los Altos, State of California, wishes to acquire 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 Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

- 1. Said Inventors do hereby sell, assign, transfer and convey to 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 in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.
- 2. Said Inventors 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 other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths,

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Attorney Docket No.: RAMB-01066US2

ramb/1066us2/Assignment for signature RA442 CIP2 US

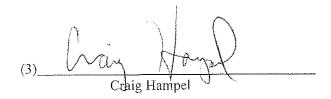
PATENT REEL: 036174 FRAME: 0405 specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors 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 Inventors, their respective heirs, legal representatives and assigns.
- 4. Said Inventors 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, the said Inventors have executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignee:

	Tan Shaeffer
State of CALIFORNIA	
County of SANTA CLAYA	<u>'</u>
· ·	before me, HEATHER N. MESSECEE, NOTARY PUBLIC, (name and title of officer)
to be the person(s) whose name(s) is/are subscrib	, personally known to me (or proved to me on the basis of satisfactory evidence bed to the within instrument and acknowledged to me that he/she/they executed the d that by his/her/their signature(s) on the instrument the person(s), or the entity upone instrument
WITNESS my hand and official seal.	HEATNER N. MESSEGEE Commission # 1732224 Notary Public - California §
Signature Mthis 1	Santa Clara County My Comm. Expires Mar 18, 2011

	(2) Ely Tsern
	Ely Isem
State of North Cawling	)
County of Orange	)
A 1 2 4 m	before me, Chery L Duff, Office Marrager
	(name and title of officer)
personally appeared <u>Ely Tsern</u>	, personally known to me (or 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 the	hat 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 in	
WITNESS my hand and official seal.	Cheryl L. Duff
with the sold in the sold sold.	Notary Public
Signature Mull July	Orange County, NC My Commission Expires
9 , 11	<u> </u>



State of CALI FOR NIA
)
County of SANTA CLAMA
On 04/10/07 before mc, Color Hearth MESSECT NOT ANY PUBLIC (name and title of officer)
personally appeared Craig Hampel, personally known to me (or 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.
WITNESS my hand and official seal.  WEATHER N. MESSEGEE Commission # 1732224
Signature Relational Supplies Signature Motory Public - Collifornia Santa Clara County My Comm. Brokes Mor18, 2011

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Attorney Docket No.: RAMB-01066US2 ramb/1066us2/Assignment for signature RA442 CIP2 US