

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4543592

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IAN SHAEFFER	08/20/2010
THOMAS J. GIOVANNINI	08/18/2010
RECEIVING PARTY DATA	
Name:	RAMBUS INC
Street Address:	1050 ENTERPRISE WAY #700
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94089
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15498065
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Phone:	408-462-8000
Email:	tfriedman@rambus.com
Correspondent Name:	TAMMY FRIEDMAN
Address Line 1:	1050 ENTERPRISE WAY #700
Address Line 4:	SUNNYVALE, CALIFORNIA 94089
ATTORNEY DOCKET NUMBER:	RA764.C1.US
NAME OF SUBMITTER:	TAMMY FRIEDMAN
SIGNATURE:	/TAMMY FRIEDMAN/
DATE SIGNED:	08/09/2017
Total Attachments: 4	
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source=2010-08-20 Signed Assign.Dec#page2.tif	
source=2010-08-20 Signed Assign.Dec#page3.tif	
source=2010-08-20 Signed Assign.Dec#page4.tif	

CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Ian Shaeffer
Thomas J. Giovannini

23 Jackson Street, Los Gatos, CA 95030
3614 Deedham Drive, San Jose, CA 95148

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

PROTOCOL INCLUDING A COMMAND-SPECIFIED TIMING REFERENCE SIGNAL

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

X Said application having Application Number 61/366,806 and filed on 22 July 2010; 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.

State of California)
County of San Jose)

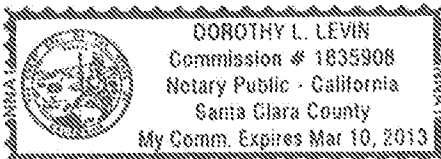
Ian Shaeffer

On 8-20-10, before me, Dorothy L. Levin, Notary Public, personally appeared Ian Shaeffer, 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.

8/20/10
Date

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

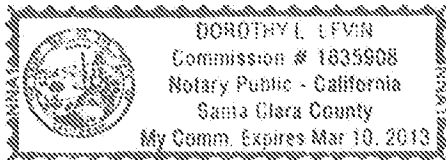
WITNESS my hand and official seal.



Dorothy L. Levin
(Signature of Notary Public)

Thomas J. Giovannini
Thomas J. Giovannini

8/18/2010
Date



State of California)
County of Santa Clara)

On Aug 17, 2010 before me, Dorothy L. Levin, Notary Public,
personally appeared Thomas J. Giovannini,
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]
(Signature of Notary Public)

State of _____)
County of _____)

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 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

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)

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America) The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

**Declaration of inventorship (Rules 4.17(iv) and 51 bis.1(a) (iv))
for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name. I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: US Provisional serial Number: 61/366,806 Date Filed: 22 July 2010

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: Ian Shaeffer

Residence: 23 Jackson Street, Los Gatos, CA 95030
(city and either US state, if applicable, or country)

Mailing Address: Same

Citizenship: United States

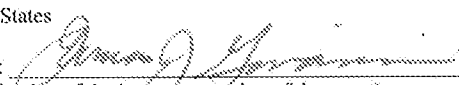
Inventor's Signature:  Date: 8/20/10
(The signature must be that of the inventor, not that of the agent)

Name: Thomas J. Giovannini

Residence: 3614 Deedham Drive, San Jose, CA 95148
(city and either US state, if applicable, or country)

Mailing Address: Same

Citizenship: United States

Inventor's Signature:  Date: 8/10/2010
(The signature must be that of the inventor, not that of the agent)

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)". ☐