505779284 11/18/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5826111

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VLADIMIR M. STOJANOVIC	03/17/2004
MARK A. HOROWITZ	03/12/2004
JARED L. ZERBE	03/17/2004
ANTHONY BESSIOS	02/26/2004
ANDREW C.C. HO	03/04/2004
JASON E. WEI	03/04/2004
GRACE TSANG	03/09/2004
BRUNO W. GARLEPP	03/04/2004

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:	16287941

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: tfriedman@rambus.com
Correspondent Name: TAMMY FRIEDMAN

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

ATTORNEY DOCKET NUMBER:	RA296.C1C1C1C2C1C1.E50
NAME OF SUBMITTER:	TAMMY FRIEDMAN
SIGNATURE:	/TAMMY FRIEDMAN/

PATENT REEL: 051039 FRAME: 0618

DATE SIGNED:	11/18/2019
Total Attachments: 11	
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PATENT REEL: 051039 FRAME: 0619

ASSIGNMENT

WHEREAS, the undersigned, to wit:

- (1) Vladimir M. Stojanovic;
 - (2) Mark A. Horowitz;
 - (3) Jared L. Zerbe;
 - (4) Anthony Bessios;
 - (5) Andrew C.C. Ho;
 - (6) Jason C. Wei;
 - (7) Grace Tsang; and
 - (8) Bruno W. Garlepp

(hereinafter collectively ASSIGNOR), has/have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

"PARTIAL RESPONSE RECEIVER"

(X only one)	(a)	which was executed concurrently herewith and is being filed herewith in the United States Patent and Trademark
	(b)	Office; which was executed on, 20, and is being filed herewith in the United States Patent and Trademark Office;
	(C) X	

AND WHEREAS, Rambus Inc. (hereinafter ASSIGNEE), a corporation organized and existing under the laws of the State of Delaware, and having its principal place of business at 4440 El Camino Road, Los Altos, CA 94022, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents that may be obtained therefor, and in and to said application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer, and set over unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the

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United States and foreign countries that may be obtained therefor, and in and to said application, including any and all continuations, continuations-in-part, divisionals, reissues, reexaminations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in the name of assigns, and successors, ASSIGNEE, its representatives, throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries;

ASSIGNOR also does hereby covenant that it has the full right to convey the entire right, title, and interest herein assigned, and that it has not and will not execute any agreement in conflict herewith;

ASSIGNOR also does hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in successors, assigns, and legal ASSIGNEE, its said representatives;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to make application for and obtain any and all

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continuations, continuations-in-part, divisionals, reissues, reexaminations, substitutions, or extensions of said application, or any application on said invention, or any patent issuing therefor or therefrom;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, communicate to said ASSIGNEE, its successors, assigns, and legal representatives, any known facts relating to said invention or said application or any patent issuing therefor or therefrom, and testify as to the same in any interference or other litigation proceeding when requested to do so, and aid said ASSIGNEE, its successors, assigns, and legal representatives, in obtaining and enforcing proper protection for said invention in all countries;

ASSIGNOR also does hereby grant the firm of Hunton & Williams LLP of 1900 K Street, N.W., Washington, D.C., 20006-1109, or its agents, the power to insert on this assignment any further information, including but not limited to application number(s) and filing date(s), which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

ASSIGNOR also does now hereby execute this document on the date(s) indicated below:

(1) IN WITNESS WHEREOF, I have hereunto set my hand and seal this 17 day of MARCH , 2004.

Print Name: Wladimir M. Stojanovic

Print Address: 73 Barnes Court, Apt. B

Stanford, CA 94305

COMMONWEALTH/STATE OF California

COUNTY OF Sonta Clava

Notary Public in а Before me, Commonwealth/State of <u>California</u>, did personally appear the above-named Vladimir M. Stojanovic, personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument and acknowledged the same to be his or her own free act and deed, this 17th day of March, 2004.

ADRIENNE C. MULLANY Commission # 1363084 Notery Public - California 支 Santa Clara County My Comm. Expires Jun 29, 2006

Sign: <u>Mullam</u>
Notary Public

(2) IN WITNESS WHEREOF, I have hereunto set my hand and seathis 17 day of $March$, 2001.	ıl
Sign: And Jove Print Name: Mark A. Horowitz Print Address: 13961 Fremont Pines Land Menlo Park, CA 94025	- e
COMMONWEALTH/STATE OF	
Before me, a Notary Public in and for to Commonwealth/State of, did personally appear to above-named Mark A. Horowitz, personally known to me and/proved to me on the basis of satisfactory evidence to be to person who signed and sealed the foregoing instrument acknowledged the same to be his or her own free act and death this day of, 20	or the
Notary Public My Commission Expires:	

(3) IN WITNESS WHEREOF, I have hereunto set my hand and seal this 17th day of Mark, 2004.

Sign

Print Name: Jared L. Zerbe

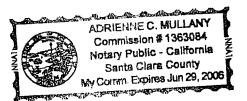
Print Address: 431 Hillside Drive

Woodside, CA 94062

COMMONWEALTH/STATE OF California

COUNTY OF Santa Clara

Before me, a Notary Public in and for the Commonwealth/State of Cartornia, did personally appear the above-named Jared L. Zerbe, personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument and acknowledged the same to be his or her own free act and deed, this 17^{+1} day of 0000.



Sign: adverne C. Mullany
Notary Public

(4) IN WITNESS WHEREOF, I have hereunto set my hand and seal this <u>96th</u> day of February, 2004.

Sign:

Print Name: Anthony Bessios

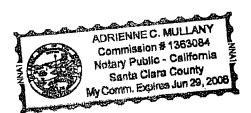
Print Address: 39469 Gallaudet Drive, Apt. 316

Fremont, CA 94538

COMMONWEALTH/STATE OF California

COUNTY OF Santa Chra

Before me, a Notary Public in and Commonwealth/State of California, did personally appear the above-named Anthony Bessios, personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument acknowledged the same to be his or her own free act and deed, this 26th day of February, 2004.



Sign: <u>Advenne C. Whillam</u>
Notary Public

(5) IN WITNESS WHEREOF, I have hereunto set my hand and seal this 4th day of Moreh, 2004.

Sign:

Print Name: Andrew C.C. Ho

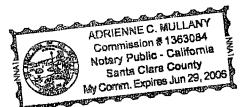
Print Address: 3725 Ortega Court

Palo Alto, CA 94303

COMMONWEALTH/STATE OF California

COUNTY OF Santa Clara

Before me, a Notary Public in and for the Commonwealth/State of California, did personally appear the above-named Andrew C.C. Ho, personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument and acknowledged the same to be his or her own free act and deed, this 4th day of Maych, 2004.



Sign: <u>Advenne C. Mullamy</u> Notary Public

Sign:___

Print Name: Jason C. Wei

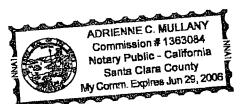
Print Address: 18830 Newsom Avenue

Cupertino, CA 95014

COMMONWEALTH/STATE OF California

COUNTY OF Santa Clara

Before me, a Notary Public in and for the Commonwealth/State of <u>California</u>, did personally appear the above-named Jason C. Wei, personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument and acknowledged the same to be his or her own free act and deed, this <u>4th</u> day of <u>March</u>, 2004.



Sign: <u>Advenne C. Mullany</u>
Notary Public

(7) IN WITNESS WHEREOF, I have hereunto set my hand and seal this 9 day of Marda, 2009.

Sign:

Print Name: Grace Tsang

Print Address: 11935 Rhus Ridge Road

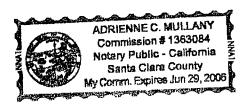
Los Altos Hills, CA 94022

COMMONWEALTH/STATE OF California

COUNTY OF Scenta Clava

Before me, a Notary Public in and for the Commonwealth/State of <u>California</u>, did personally appear the above-named Grace Tsang, personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument and acknowledged the same to be his or her own free act and deed, this <u>Ath</u> day of <u>March</u>, 2004.

Sign: <u>Quenne</u> (. Mullany Notary Public



(8) IN WITNESS WHEREOF, I have hereunto set my hand and seal this 4^{+6} day of March _____, 2004.

Sign:__

Print Name: Bruno W. Garlepp

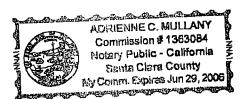
Print Address: 5193 Rhonda Drive

San Jose, CA 95129

COMMONWEALTH/STATE OF California

COUNTY OF Santa Clara

Before me, a Notary Public in and for the Commonwealth/State of Calfornia, did personally appear the above-named Bruno W. Garlepp, personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument and acknowledged the same to be his or her own free act and deed, this 47 day of March, 2044.



Sign: Adrienne C. Mullany
Notary Public