505290302 01/22/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

on v1.1 EPAS ID: PAT5337079

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JADE M. KIZER	03/08/2005
SIVAKUMAR DORAISWAMY	03/08/2005
BENEDICT LAU	03/08/2005

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:	15898034

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:	RA399.C1C1C1C1.E25
NAME OF SUBMITTER:	TAMMY FRIEDMAN
SIGNATURE:	/TAMMY FRIEDMAN/
DATE SIGNED:	01/22/2019

Total Attachments: 8

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PATENT 505290302 REEL: 048095 FRAME: 0675



PATENT REEL: 048095 FRAME: 0676 Attorney Docket No.: RBS2.P020 PATENT

ASSIGNMENT

In consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We, <u>Jade M. Kizer, Sivakumar Doraiswamy</u>, and <u>Benedict Lau</u>, the undersigned Assignor(s), believing to be the original, first and sole or joint inventor(s) of any and all new and useful improvements disclosed in the application for the United States patent entitled

INTERFACE CIRCUIT FOR STROBE-BASED SYSTEMS

hereby sell, assign, and transfer to Rambus Inc., a Delaware Corporation having a principal place of business at 4440 El Camino Real, Los Altos, California 94022, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the same patent application

 which was filed with the United States Patent and Trademark Office on 004 and which was assigned Application Number 11/019.432.
 which has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below.

The undersigned further sell, assign, and transfer to Assignee said application and all divisional applications, continuation applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications, utility models and the like that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

The undersigned further agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements

PATENT REEL: 048095 FRAME: 0677 and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives.

The undersigned covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned hereby authorize and request the Officials of the United States Patent and Trademark Office and any and all foreign Patent Offices to issue any and all Letters Patents, when granted, to said Assignee as the assignee of the entire right, title and interest in and to the same, for the sole use of said Assignee, its successors and assigns, to the full end of the term for which said Letters Patents may be granted.

The undersigned hereby grant to <u>Richard L. Gregory, Jr. (Reg. No. 42,607)</u>, located at <u>4880</u>
<u>Stevens Creek Blvd., Suite 201, San Jose, California 95129-1034</u>, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Each Inventor/Assignor: Please Sign and Date Below:

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		Please also list date you signed the accompanying DECLARATION AND POWER OF ATTORNEY if Assignment executed with new filing:
<u> 44. 24 8</u> , 2005		1 M
Date	Name: Jade M. Kizer	<u>March 8</u> , 2005 Date
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Date	Name: Sivakumar Doraiswamy	, 2005
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State of California)	
C) 33	
County of Santa Clara	}	
the person who appeared before t she signed this instrument and ac-	tory evidence that <u>Sivakumar Doraiswamy</u> is ne, and said person acknowledged that he or knowledged it to be his or her free and poses mentioned in the instrument.	
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		Please also list date you signed the accompanying DECLARATION AND POWER OF ATTORNEY if Assignment executed with new filing:
. 2005		. 2005
Date	Name: Benedict Lau	Date
who appeared before me, and)) ss) factory evidence that <u>Benedict Lau</u> is the person said person acknowledged that he or she signed	***************************************
this instrument and acknowled the uses and purposes mention	ged if to be his or her free and voluntary act for ed in the instrument.	
WITNESS my hand and offici	ai seal.	
Notary Public Signature		
Date:		

Attorney Docket No.: RBS2.P020 PATENT

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The undersigned hereby grant to <u>Richard L. Gregory</u>, <u>Jr. (Reg. No. 42,607)</u>, located at <u>4880</u> <u>Stevens Creek Blvd., Suite 201, San Jose, California 95129-1034</u>, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

Each Inventor/Assignor: Please Sign and Date Below:

		Please also list date you
		signed the accompanying
		DECLARATION AND POWER OF
		ATTORNEY if
		Assignment executed
		with new filing:
, 2005		, 2005
Date	Name: Jade M. Kizer	Date
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County of)	
Landiffy that I know thence out of	ctory evidence that <u>lade M. Kizer</u> is the person	
	id person acknowledged that he or she signed	
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	ctory evidence that <u>Sivakumar Doraiswamy</u> is me, and said person acknowledged that he **	
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		Please also list date you signed the accompanying DECLARATION AND POWER OF ATTORNEY if Assignment executed with new filing:
/%rc4 // 2005 Date	Name: Repedict Lan	<u>March S</u> , 2005 Date
	A MARKET AN ARTHUR LAND	
State of California) 22.(
County of Santa Clara)	
who appeared before me, and	i sfactory evidence that <u>Renedict Lau</u> is the person I said person acknowledged that he or she signed	
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WIT SSS my handjond offi Notary Public Signature		:: WELLANG In # 1419400 MC - Collomio Zoro County
Date: 3/8/05		