505779003 11/18/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FREDERICK A. WARE	04/24/2001
ELY K. TSERN	04/24/2001
RICHARD E. PEREGO	04/24/2001
CRAIG E. HAMPEL	04/24/2001

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:	16284375

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	RA207.C1C1C3C1C2.E49
NAME OF SUBMITTER:	TAMMY FRIEDMAN
SIGNATURE:	/TAMMY FRIEDMAN/
DATE SIGNED:	11/18/2019

Total Attachments: 3

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PATENT 505779003 REEL: 051038 FRAME: 0251

Atty. Docket No. 1726.7220700

PATENT

ASSIGNMENT OF U.S. PATENT APPLICATION

This is an assignment of patent right between the inventor(s),

Frederick A. Ware	Ely K. Tsern
Richard E. Perego	Craig E. Hampel

(herein after referred to as the Inventor) and RAMBUS INC., having a principal place of business at 4440 El Camino Real, Los Altos, CA 94022 (herein after referred to as the Assignee).

WHEREAS, Inventor has caused to be prepared a United States Patent Application in the Inventor's name entitled

METHOD AND APPARATUS FOR COORDINATING MEMORY OPERATIONS AMONG DIVERSELY-LOCATED MEMORY COMPONENTS

having a docket number of 1726.7220700 (herein after referred to as the Patented Invention); and

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the Patented Invention.

NOW, THEREFORE, the parties agree as follows:

- 1. The Inventor hereby sells, assigns, and transfers its entire rights, title, and interest in the Patented Invention and all patents that may be granted therefrom due to divisions, reissue, substitutions, extensions, continuations, and continuations-in-part to the Assignee.
- 2. The Inventor hereby sells, assigns, and transfers its entire rights, title, and interest in any foreign (non U.S.) national patent application, invention registration, or equivalent (Foreign Applications), claiming approximately the same subject matter of the Patented Invention to the Assignee.
- 3. Inventor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue the patent for the Patented Invention, and all resulting patents therefrom, insofar as Inventor's interest is concerned, to the Assignee.
- 4. The Inventor further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in the Assignee.

Atty. Docket No. 1726.7220700

- The Inventor hereby further agrees to communicate with the Assignee any facts it knows regarding any improvements of the Patented Invention while employed by Assignee and for one year thereafter.
- The Inventor hereby yet further agrees to, with respect to the referenced patent application, at the expense of the Assignee:
 - testify in any legal proceedings, i)
 - sign all lawful papers, ii)
 - execute all divisional, continuation, continuation-in-part, reissue and substitute applications,
 - make all lawful oaths, and assist in vesting title in the Assignee iv) and to aid the Assignee to obtain and enforce proper protection for the subject matter of the Patented Invention in all countries, and
 - notify Assignee promptly (by facsimile or first class mail) of any <u>v)</u> subpoena or contact by any person other than Assignee or its agents regarding the Application or resultant patent(s) issuing therefrom, and in any event at least one week prior to any deposition, legal inquiry or legal proceeding relating to the above identified invention.

This assignment is executed on the date(s) of which the Inventor has signed.

$1/\lambda 1/\lambda \lambda$	4-19-01	
Frederick A. Ware	Date:	·

State of Ca County of Sista C

SS:

Before me personally appeared said Frederick A. Ware and acknowledge the foregoing

MICHIKO SITES

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Seal

Commission # 1236983 Notary Public - California Santa Clara County

My Comm. Expires Oct 8, 200

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Atty. Docket No. 1726.7220700

50/22	4/24/01
Ely K. Tsern	Date:
State of <u>California</u>) SS: County of <u>Santa Classe</u>	
Before me personally appeared said Ely K. Tsern and acknowled be his/her free act and deed this day of MICHIKO SITES	lge the foregoing instrument to
Seal Commission # 1236983	Modery)
Richard ERry	4/24/01
Richard E. Perego	Daté: V
State of California) SS: County of Santa Clara	
Before me personally appeared said Richard E. Perego and ack instrument to be his/her free act and deed this 20 D MICHIKO SITES Commission # 1236983 Notory Public - California Santa Clara County My Comm. Expires Oct 8, 2003	nowledge the foregoing day of April, Notary)
Carie F Hangel	4/24/81
Craig E. Hampel	Date:
State of California SS: County of Junta Clara SS:	
Before me personally appeared said Craig E. Hampel and acknown instrument to be his/fier free achievables 444 Commission # 1236783 Notary Public - Collifornia Sonta Clara County My Comm. Excites Oct 8, 2003	whedge the foregoing day of Apr