

4-24-01

05-08-2001

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Attorney Docket No.: 1726



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RECORDATION FORM COVER SHEET

U.S. Department of Commerce

FORM PTO-1595  
(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

PATENTS ONLY

Patent and Trademark Office

PTO  
09/841911  
04/24/01

To the Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies):

(a) Frederick A. Ware	(b) Ely K. Tsern
(c) Richard E. Perego	(d) Craig E. Hampel

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date:

(a) 04/24/01	(b) 04/24/01
(c) 04/24/01	(d) 04/24/01

2. Name and address of receiving party(ies):

**RAMBUS INC.**  
4440 El Camino Real  
Los Altos, CA 94022

Additional name(s) & address(es) attached?  Yes  No

09841911

4. Application number(s) or registration number(s): ; Attorney Docket No: **1726.7220700**

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

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s):

04/27/2001 HABB11 00000028 09841911

03 FC:581

40.00 DP

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Ross D. Snyder**  
**Ross D. Snyder & Associates, Inc.**  
**115 Wild Basin Road**

City: **Austin** State: **Texas** Zip: **78746**

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41)----- \$ 40.00

- Enclosed  
 Authorized to be charged to deposit account  
if check insufficient or inadvertently omitted

8. Deposit account number: 50-1566  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ross D. Snyder, Reg. No. 37,730

*Ross D. Snyder* 24 Apr 2001

Name and Registration Number of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and documents: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Office of Public Records,  
4009 Hill Gateway 4, Room 335, Washington, D.C. 20231

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03 FC:581

Atty. Docket No. 1726.7220700

PATENT

**ASSIGNMENT OF U.S. PATENT APPLICATION**

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

<b>Frederick A. Ware</b>	<b>Ely K. Tsern</b>
<b>Richard E. Perego</b>	<b>Craig E. Hampel</b>

(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

5. 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.

6. The Inventor hereby yet further agrees to, with respect to the referenced patent application, at the expense of the Assignee:

- i) testify in any legal proceedings,
- ii) sign all lawful papers,
- iii) execute all divisional, continuation, continuation-in-part, reissue and substitute applications,
- iv) make all lawful oaths, and assist in vesting title in the Assignee and to aid the Assignee to obtain and enforce proper protection for the subject matter of the Patented Invention in all countries, and
- v) notify Assignee promptly (by facsimile or first class mail) of any 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.


Inventor(s):   
 \_\_\_\_\_  
 Frederick A. Ware

4-24-01  
 \_\_\_\_\_  
 Date:

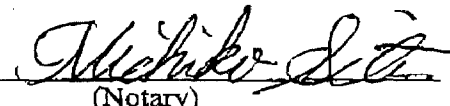
State of California ) SS:  
 County of Santa Clara )

Before me personally appeared said **Frederick A. Ware** and acknowledge the foregoing instrument to be his ~~and~~ <sup>24th</sup> day of April, 2001.

Seal



MICHIKO SITES  
 Commission # 1234983  
 Notary Public - California  
 Santa Clara County  
 My Comm. Expires Oct 8, 2003

  
 (Notary)


Atty. Docket No. 1726.7220700

Ely K. Tsern  
Ely K. Tsern

4/24/01  
Date:

State of California ) SS:  
 County of Santa Clara )

Before me personally appeared said Ely K. Tsern and acknowledge the foregoing instrument to be his/her free act and deed this 20th day of April, 2001.

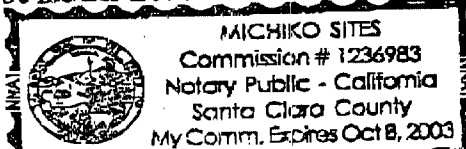
Seal  Michiko Sites  
(Notary)

Richard E. Perego  
Richard E. Perego

4/24/01  
Date:

State of California ) SS:  
 County of Santa Clara )

Before me personally appeared said Richard E. Perego and acknowledge the foregoing instrument to be his/her free act and deed this 24th day of April, 2001.

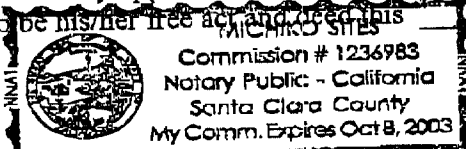
Seal  Michiko Sites  
(Notary)

Craig E. Hampel  
Craig E. Hampel

4/24/01  
Date:

State of California ) SS:  
 County of SANTA CLARA )

Before me personally appeared said Craig E. Hampel and acknowledge the foregoing instrument to be his/her free act and deed this 24th day of April, 2001.

Seal  Michiko Sites  
(Notary)