

07-31-2001

ny Docket No.: 1726.7217101

FORM PTO-1595
(Rev. 6-93)

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



101793854

U.S. Department of Commerce

Patent and Trademark Office

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

1. Name of conveying party(ies): <u>07/20/01</u>		2. Name and address of receiving party(ies):	
(a) Belgacem Haba	(b) Richard E. Perego	RAMBUS INC. 4440 El Camino Real Los Altos, CA 94022	
(c) David Nguyen	(d) Billy W. Garrett, Jr.		
(e) Ely Tsern	(f) Craig E. Hampel		
(g) Wai-Yeung Yip			
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other			
Execution Date:			
(a) 06-20-01	(b) 06-28-01		
(c) 06-21-01	(d) 06-21-01		
(e) 06-25-01	(f) 06-20-01		
(g) 06-20-01			
4. Application number(s) or registration number(s): ; Attorney Docket No: 1726.7217101			
MULTIPLE CHANNEL MODULES AND BUS SYSTEMS USING SAME			
If this document is being filed together with a new application, the execution date of the application is:			
A. Patent Application No.(s): 09/839,642		B. Patent No.(s):	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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, Suite 107 City: Austin State: Texas Zip: 78746		6. Total number of applications and patents involved: <u>1</u>	
		7. Total fee (37 C.F.R. 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account if check insufficient or inadvertently omitted	
		8. Deposit account number: <u>50-1566</u> (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
9. Statement and signature: <i>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.</i> Ross D. Snyder, Reg. No. 37,730			
Name and Registration Number of Person Signing		Signature <u>Ross D. Snyder</u>	Date <u>16Jul01</u>
Total number of pages including cover sheet, attachments and documents: <u>6</u>			

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

07/24/2001 RHARIS1 00000140 09839642

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PATENT
REEL: 012006 FRAME: 0846

PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

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

Belgacem Haba

David Nguyen

Ely Tsern

Wai-Yeung Yip

Richard E. Perego

Billy W. Garrett, Jr.

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 filed on **April 20, 2001** and assigned Application No. **09/839,642** in the Inventor's name(s) and entitled:

MULTIPLE CHANNEL MODULES AND BUS SYSTEMS USING SAME

having a docket number of **1726.7217101** (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.
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.

Inventors:


Belgacem Haba

Date: 06/20/01


Richard E. Perego

Date: 6/28/01


David Nguyen

Date: 6/21/01


Billy W. Garrett, Jr.

Date: 6/21/2001

Ely Tsern
Ely Tsern

6/25/01
Date:

Craig E. Hampel
Craig E. Hampel

6/20/2001
Date:

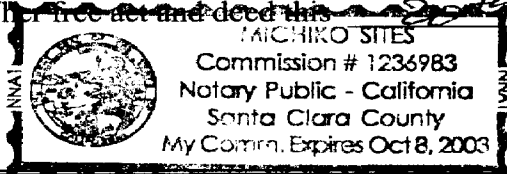
Wai-Yeung Yip
Wai-Yeung Yip

6/20/2001
Date:

State of California)
County of *Santa Clara*) SS:

Before me personally appeared said **Belgacem Haba** and acknowledge the foregoing instrument to be his/her free act and deed this *28th* day of *June*, 20*01*.

Seal

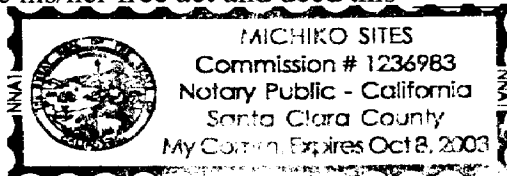


Michiko Sites
(Notary)

State of California)
County of *Santa Clara*) SS:

Before me personally appeared said **Richard E. Perego** and acknowledge the foregoing instrument to be his/her free act and deed this *28th* day of *June*, 20*01*.

Seal

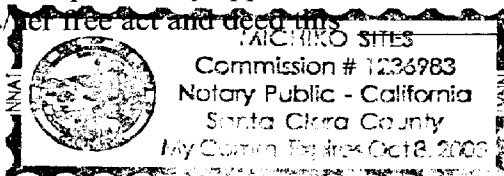


Michiko Sites
(Notary)

State of California)
County of Santa Clara) SS:

Before me personally appeared said **David Nguyen** and acknowledge the foregoing instrument to be his/her free act and deed this 21st day of June, 2001.

Seal



Michiko Sites
(Notary)

State of California)
County of Santa Clara) SS:

Before me personally appeared said **Billy W. Garrett, Jr.** and acknowledge the foregoing instrument to be his/her free act and deed this 21st day of June, 2001.

Seal

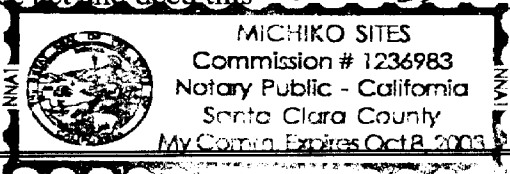


Michiko Sites
(Notary)

State of California)
County of Santa Clara) SS:

Before me personally appeared said **Ely Tsern** and acknowledge the foregoing instrument to be his/her free act and deed this 21st 25th day of June, 2001.

Seal

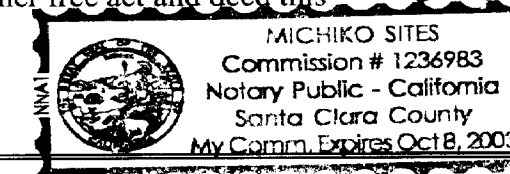


Michiko Sites
(Notary)

State of California)
County of Santa Clara) SS:

Before me personally appeared said **Craig E. Hampel** and acknowledge the foregoing instrument to be his/her free act and deed this 20th day of June, 2001.

Seal



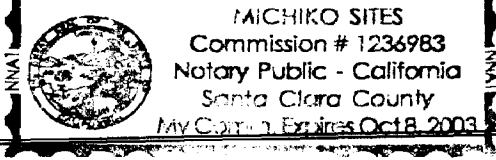
Michiko Sites
(Notary)

State of California)
County of Santa Clara

SS:

Before me personally appeared said **Wai-Yeung Yip** and acknowledge the foregoing instrument to be his/her free act and deed this 20th day of June, 2001.

Seal



Michiko Sites
(Notary)