06-24-1998 **FORM PTO-1595** MENT OF COMMERCE (Rev. 6-93) 073305.P077 atent and Trademark Office OMB No. 0651-0011 (exp. 4/94) Tab settings ⇔ ⇔ ⇔ 100745450 record the attached original documents or copy thereof. To the Honorable Commissioner of 2. Name and address of receiving party(les): 1. Name of conveying party(ies): Jared L. Zerbe Name: Rambus, Inc. Grace Tsang Clemenz L. Portmann Internal Address: -Additional name(s) of conveying party(ies) attached? 

Yes X No Street Address: 2465 Latham Street 3. Nature of conveyance: ☐ Merger x Assignment City Mountain View State CA ZIP \_ ☐ Change of Name ☐ Security Agreement Other \_ May 14, 1998 & May 15, 1998 Execution Date: . Additional name(s) & address(es) attached? Yes X No 4. Application number(s) or patent number(s): 09/016.084 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) Additional numbers attached? ☐ Yes 🗓 No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: Name: BLAKELY, SOKOLOFF, TAYLOR & 40.00 7. Total fee (37 CFR 3.41)......\$ \_ ZAFMAN, LLP X Enclosed Internal Address: \_ Authorized to be charged to deposit account Street Address: 12400 Wilshire Boulevard 8. Deposit account number: 02-2666 Seventh Floor Los Angeles State: CA 7IP: 90025 (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. Roland B. Cortes, Reg. No. 39,152 Date Name of Person Signing Signature Total number of pages comprising cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to Commissioner of Patents and Trademarks, Box Assignment Washington, D.C. 20231

LJV/cak 10/22/96

FC:581

Attorney's Docket No.: 073305.P077

## <u>ASSIGNMENT</u>

(For Execution After Filing Patent Application)

PATENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We the undersigned, Jared L. Zerbe, Grace Tsang and Clemenz L. Portmann	
hereby sell, assign, and transfer to Rambus, I	
a corporation of <u>Delaware</u>	, having a principal place of business at
United States and all foreign countries, in and to	ntatives, the entire right, title, and interest for the o any and all improvements that are disclosed in twas filed <u>January 30</u> ,19 <u>98</u> and assigned
PHASE INTERPOLATOR WITH NOISE IN	MMUNITY
prosecution applications, continuation-in-part a	applications, continuation applications, continued applications, substitute applications, renewal

prosecution applications, continued prosecution applications, continued prosecution applications, continued applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications 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;

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 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; and

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.

- 1 -

Rev. 12/29/97 (A2)

PATENT

REEL: 9252 FRAME: 0904

Date: May 14th	, 19 98 Jan L. Jul
Date: May 15 4h	Name: Jared L. Zerbe  Name: Crace Tsand  Name: Clemenz L. Portmann
Date: May 15th,	, 19 Name: Clemenz L. Portmann
	, 19 Name:
Date:	, 19 Name:
Date:	, 19 Name:
State of:} County of:}	Assignment Document Return Address: SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLF 12400 Wilshire Blvd., Seventh Floor Los Angeles, California 90025-1026 (408) 720-8598
On this day of the undersigned Notary Public,	19, before me,, personally appeared,
	proved to me on the basis of satisfactory evidence to s)_subscribed to the within instrument, and .
Notary's Signature	<del></del>

- 2 -

Rev. 12/29/97 (A2)

PATENT

REEL: 9252 FRAME: 0905

RECORDED: 06/12/1998