

02-18-1999

U.S. DEPARTMENT OF COMMERCE  
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SHEET

Attorney Docket No. 9797-014-999

To the Honorable Commissioner of

100967646

attached original documents or copy thereof.

## 1. Name of conveying party(ies):

RICHARD M. BARTH ABHIJIT M. ABHYANKAR  
FREDERICK A. WARE JAMES A. GASBARRO  
DONALD C. STARK DAVID NGUYEN  
CRAIG E. HAMPEL

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

Name: RAMBUS INCORPORATEDAddress: 2465 Latham StreetMountain View, CA 94040Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment  
☐ Security Agreement

☐ Merger  
☐ Change of Name

Additional name(s) & address(es) attached? ☐ Yes ☒ NoExecution Date: 12/22/98; 12/10/98; 12/16/98; 12/9/98; 12/9/98; 12/14/98; and 12/9/98, respectively

## 4. Application number(s) or patent number(s):

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

A. Patent Application No(s).

09/169,729

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Name: William S. GallianiAddress: PENNIE & EDMONDS LLP1155 Avenue of the AmericasNew York, NY 10036-27116. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$40.00☐ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

16-1150 (Order No. 9797-014-999)

(Duplicate copy of this page attached)

02/18/1999 MAR 02 00000099 161150 09169729

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## 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.*

William S. Galliani  
Name of Person Signing

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Total number of pages including cover sheet: 3

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PATENT - 208671.1

REEL: 9755 FRAME: 0785

## ASSIGNMENT

WHEREAS WE, RICHARD M. BARTH of Palo Alto, California; FREDERICK A. WARE of Los Altos Hills, California; DONALD C. STARK of Los Altos, California; CRAIG E. HAMPEL of San Jose, California; PAUL G. DAVIS of San Jose, California; ABHIJIT M. ABHYANKAR of Sunnyvale, California; JAMES A. GASBARRO of Mountain View, California; and DAVID NGUYEN of San Jose, California have invented certain new and useful improvements in a **High Performance Cost Optimized Memory with Delayed Memory Writes**, for which invention we have executed an application for Letters Patent of the United States and which application may be identified in the United States Patent and Trademark Office as Serial No. 09/169,729, filed October 9, 1998; and

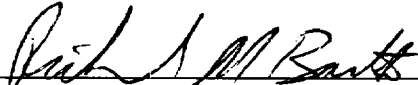
Whereas, **RAMBUS CORPORATION** a corporation of the State of **Delaware** and having its principal place of business at **2465 Latham Street, Mountain View, CA 94040** (hereinafter referred to as assignee) is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefore;


Now, therefore, for and in consideration of One Dollar and other good and valuable considerations, to us in hand paid, the receipt and sufficiency whereof are hereby acknowledged, we have sold assigned, and set over and by these presents do hereby sell, assign, and set over unto said assignee and said assignee's legal representatives, successors and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.


We hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

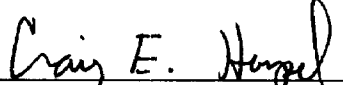
Upon said consideration, we convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of said United States application (or other application if any there be) in priority to other applications; and we do hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional renewal, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being

understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

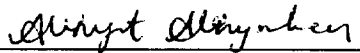
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RICHARD M. BARTH

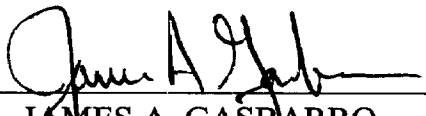
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FREDERICK A. WARE

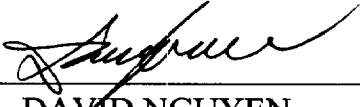
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DONALD C. STARK

Date: 12/9/98 By:   
CRAIG E. HAMPEL

Date: \_\_\_\_\_ By: \_\_\_\_\_  
PAUL G. DAVIS

Date: Dec 9, 1998 By:   
ABHIJIT M. ABHYANKAR

Date: DEC 14, 1998 By:   
JAMES A. GASBARRO

Date: 12/9/98 By:   
DAVID NGUYEN