

09-22-2005

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



103086579

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

CARL WILLIAM WERNER

Execution Date(s): September 12, 2005

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

2. Name and address of receiving party(ies)

Name: RAMBUS, INC.

Internal Address:

Street Address:

4440 EL CAMINO REAL

City: LOS ALTOS

State: CALIFORNIA

Country: United States of America Zip: 94022

Additional name(s) & address(es) attached: ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

This application

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Marcus J. Millet  
LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.:

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

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Fax Number: (908) 654-7866

Email Address: mmillet@ldlkm.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

- a. Credit Card Last 4 Numbers  
Expiration Date  
b. Deposit Account Number 12-1095  
Authorized User Name Marcus J. Millet

9. Signature:

Signature

Marcus J. Millet - 28,241

Name of Person Signing

September 13, 2005

Date

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

2

11/22/2005 U.S. PTO

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## ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

RAMBUS 3.0-004

Whereas, I, Carl William Werner of  
124 Briarwood Way; Los Gatos, California 95032

hereafter referred to as assignor, have invented certain new and useful improvements in

LOW JITTER CLOCK RECOVERY CIRCUIT

- ☐ for which an application for a United States Letters Patent was filed on Concurrently Herewith  
 Application Number \_\_\_\_\_
- ☒ for which an application for a United States Letters Patent was executed by me on 9/12/05  
 and \_\_\_\_\_

Whereas, Rambus, Inc.

a corporation of herein referred to as "assignee" whose mailing address is

4440 El Camino Real; Los Altos, California 94022

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

9/12/2005  
 (Date)

Carl W. Werner  
 (Signature)

State of CALIFORNIA ) SS:

County of SANTA CLARA )

On this 12<sup>th</sup> day of September, 2005 before me, Ann C. Williams, Notary Public, appeared Carl William Werner, personally known to me (~~or proved to me on the basis of satisfactory evidence~~) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity and that by his/~~her~~ signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

Ann C. Williams  
 (Notary Public)

