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OMB No. 0651-0027 (exp. 8/30/2005)

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

### RECORDATION FORM COVER SHEET PATENTS ONLY

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):**  
 JADE M. KIZER (06/08/2007), YOSHIHITO KOYA (07/23/2007), AND FREDERICK A. WARE (07/17/2007)

Execution Date(s); in parentheses after inventor name

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

**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

**3. Nature of Conveyance:**

Assignment  Merger

Security Agreement  Change of Name

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
12/532.914

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Bruno Polito  
LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: RAMBUS 3.3-013

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 518-6386

Fax Number: (908) 654-0415

Email Address: \_\_\_\_\_

**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 Bruno Polito

**9. Signature:**

 October 6, 2009  
Signature Date

Bruno Polito - 38,580 Total number of pages including cover sheet, attachments, and documents: 4  
Name of Person Signing

CH \$40.00 121095 12532914

LDLK&M File No.  
RAMBUS-013

A S S I G N M E N T

WHEREAS Jade M. Kizer, a citizen of the United States of America, residing at 4306 Thetford Road, Durham, North Carolina 27707, United States of America; Yoshihito Koya, a citizen of Japan, residing at 1980-28 Dai, Kanagawa, Kamakura 247-0061, Japan; and Frederick A. Ware, a citizen of the United States of America, residing at 13961 Fremont Pines Lane, Los Altos Hills, California 94022, United States of America; as assignors, have invented improvements in:

ADJUSTABLE WIDTH STROBE INTERFACE

for which United States Provisional Application Serial No. 60/921,094 was filed in the United States Patent and Trademark Office on March 30, 2007; and

PCT/US2008/004150

for which International Application Serial No. \_\_\_\_\_ / \_\_\_\_\_ \* was filed on 3/27/08 \* , designating all States, including the United States of America.

AND WHEREAS, Rambus, Inc., a corporation of the State of Delaware, having a place of business at 4440 El Camino Real, Los Altos, California 94022, United States of America, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we as assignors 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 applications for Letters Patent, including the right to claim priority from United States Provisional Application Serial No. 60/921,094 mentioned above, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, 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 us and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all 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.

\*We authorize Rambus, Inc. or its authorized representatives to insert this information when it is known.

**PATENT**

**REEL: 023335 FRAME: 0427**

LDLK&M File No.  
RAMBUS-013

Date: June 8, 2007 \_\_\_\_\_  
Jade M Kizer  
Jade M Kizer

State of North Carolina ) SS:  
County of Orange )

On this 8 day of June, 2007 before me personally came the above-named Jade M Kizer, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

Cheryl L. Duff  
(Notary Public)



**Cheryl L. Duff**  
Notary Public  
Orange County, NC  
My Commission Expires  
01/27/2010

Date: \_\_\_\_\_  
Yoshihito Koya

State of \_\_\_\_\_ ) SS:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Yoshihito Koya, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
(Notary Public)

Date: \_\_\_\_\_  
Frederick A. Ware

State of \_\_\_\_\_ ) SS:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Frederick A. Ware, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
(Notary Public)

LDLK&M File No.  
RAMBUS-013

Date: \_\_\_\_\_  
Jade M Kizer

State of \_\_\_\_\_ ) SS:  
County of \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Jade M Kizer, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
(Notary Public)

Date: 2007/7/23 \_\_\_\_\_  
  
Yoshihito Koya

State of \_\_\_\_\_ ) SS:  
County of \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Yoshihito Koya, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
(Notary Public)

Date: \_\_\_\_\_  
Frederick A. Ware

State of \_\_\_\_\_ ) SS:  
County of \_\_\_\_\_ )

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Frederick A. Ware, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
(Notary Public)

LDLK&M File No.  
RAMBUS-013

Date: \_\_\_\_\_  
Jade M Kizer

State of \_\_\_\_\_ ) SS:  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Jade M Kizer, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

\_\_\_\_\_  
(Notary Public)

Date: \_\_\_\_\_  
Yoshihito Koya

State of \_\_\_\_\_ ) SS:  
County of \_\_\_\_\_ )


On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me personally came the above-named Yoshihito Koya, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

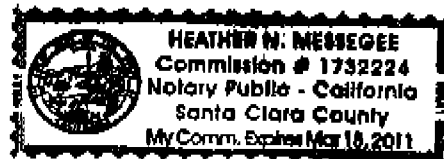
\_\_\_\_\_  
(Notary Public)

Date: 7/17/2007 \_\_\_\_\_  
  
Frederick A. Ware

State of CALIFORNIA ) SS:  
County of SANTA CLARA )

On this 17<sup>th</sup> day of July, 2007 before me personally came the above-named Frederick A. Ware, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

  
(Notary Public)



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