

12-12-2001



101913126 ONLY

FORM PTO-1595  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):  Jade KIZER <span style="float: right;">12/5/01</span></p> <p>Additional name(s) of conveying party(ies) attached?    Yes    No <input checked="" type="checkbox"/></p>	<p>2. Name and address of receiving party(ies):  Name: Rambus Inc. Address: 4440 El Camino Real Los Altos, CA 94022</p> <p>Additional name(s) &amp; address(es) attached?    ___ Yes    ___ No <input checked="" type="checkbox"/></p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment                      ___ Merger</p> <p>___ Security Agreement           ___ Change of Name</p> <p>___ Other</p> <p>Execution Date: December 5, 2001</p>	<p>1000 U.S. PTO 10/002007 12/05/01</p>

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: December 5, 2001

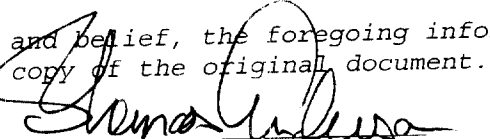
<p>A. Patent Application No.(s)  10002007</p>	<p>B. Patent No.(s)</p> <p>Additional numbers attached?    ___ Yes    <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Thomas E. Anderson Hunton &amp; Williams 1900 K Street, N.W. Washington, D.C. 20006-1109</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41):..... \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p>___ Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>50-0206</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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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.

<p>Thomas E. Anderson Name of Person Signing</p>	 Signature	<p>December 5, 2001 Date</p>
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Total number of pages including cover sheet, attachments, and document: 5

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

Patent Application  
Attorney Docket No.: 57941.000006  
Client Reference No.: RA223

**ASSIGNMENT**

WHEREAS, the undersigned, to wit:

- (1) Jade KIZER

(hereinafter collectively ASSIGNOR), has/have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

"IMPROVED DIFFERENTIAL INTEGRATOR AND RELATED CIRCUITRY"

- (X only one)
- (a)  X  which was executed concurrently herewith and is being filed herewith in the United States Patent and Trademark Office;
  - (b)      which was executed on             , 20  , and is being filed herewith in the United States Patent and Trademark Office;
  - (c)      which was filed as U.S. Patent Application No.                      on             ;

AND WHEREAS, Rambus Inc. (hereinafter ASSIGNEE), a corporation organized and existing under the laws of the State of Delaware, and having its principal place of business at 4440 El Camino Real, Los Altos, CA 94022, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents that may be obtained therefor, and in and to said application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer, and set over unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the United States and foreign countries that may be obtained therefor, and in and to said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in the name of said ASSIGNEE, its successors, assigns, and legal

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representatives, throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries;

ASSIGNOR also does hereby covenant that it has the full right to convey the entire right, title, and interest herein assigned, and that it has not and will not execute any agreement in conflict herewith;

ASSIGNOR also does hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to make application for and obtain any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, or extensions of said application, or any application on said invention, or any patent issuing therefor or therefrom;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, communicate to said ASSIGNEE, its successors,

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assigns, and legal representatives, any known facts relating to said invention or said application or any patent issuing therefor or therefrom, and testify as to the same in any interference or other litigation proceeding when requested to do so, and aid said ASSIGNEE, its successors, assigns, and legal representatives, in obtaining and enforcing proper protection for said invention in all countries;

ASSIGNOR also does hereby grant the firm of Hunton & Williams of 1900 K Street, N.W., Washington, D.C., 20006-1109, or its agents, the power to insert on this assignment any further information, including but not limited to application number(s) and filing date(s), which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

ASSIGNOR also does now hereby execute this document on the date(s) indicated below:

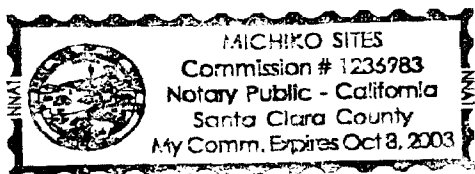
Patent Application  
Attorney Docket No.: 57941.000006  
Client Reference No.: RA223

(1) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 5<sup>th</sup> day of December, 2001.

Jade Kizer  
Inventor Name: Jade Kizer  
Inventor Address: 1075-197 Space Park Way  
Mountain View, CA 94043

COMMONWEALTH/STATE OF California  
COUNTY OF Santa Clara

Before me, a Notary Public in and for the  
Commonwealth/State of California, did personally appear the  
above-named Jade Kizer, personally known to me or proved  
to me on the basis of satisfactory evidence to be the person who  
signed and sealed the foregoing instrument and acknowledged the  
same to be his or her own free act and deed, this 5<sup>th</sup> day of  
December, 2001.



Michiko Sites  
Notary Public  
My Commission Expires: Oct. 8, 2003