

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Frederick Ware</td> <td>01/29/2004</td> </tr> <tr> <td>Scott Best</td> <td>01/29/2004</td> </tr> <tr> <td>Timothy Chang</td> <td>01/29/2004</td> </tr> <tr> <td>Richard Perego</td> <td>01/29/2004</td> </tr> <tr> <td>Ely Tsern</td> <td>01/29/2004</td> </tr> <tr> <td>Jeff Mitchell</td> <td>01/29/2004</td> </tr> </tbody> </table>		Name	Execution Date	Frederick Ware	01/29/2004	Scott Best	01/29/2004	Timothy Chang	01/29/2004	Richard Perego	01/29/2004	Ely Tsern	01/29/2004	Jeff Mitchell	01/29/2004
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Rambus Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1050 Enterprise Way, Suite 700</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94089</td> </tr> </table>		Name:	Rambus Inc.	Street Address:	1050 Enterprise Way, Suite 700	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94089				
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12554840</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12554840										
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Application Number:	12554840														
CORRESPONDENCE DATA															
Fax Number:	4088773828														
Phone:	4086556375														
Email:	marc@schuylerlawgroup.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	Marc Schuyler														
Address Line 1:	PO Box 2535														
Address Line 4:	Saratoga, CALIFORNIA 95070														
ATTORNEY DOCKET NUMBER:	2012059 / RA280D1US														

NAME OF SUBMITTER:

Marc Schuyler, Reg. no. 35675

Total Attachments: 5

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JOINT TO CORPORATE ASSIGNMENT

WHEREAS, the undersigned Inventors:

- (1) Frederick Ware, a resident of 13961 Fremont Pines Lane, Los Altos Hills, California 94022;
- (2) Scott Best, a resident of 4283 Ponce Drive, Palo Alto, California 94306;
- (3) Timothy Chang, a resident of 18991 Greenbrook Court, Saratoga, California 95070;
- (4) Richard Perego, a resident of 5938 Pala Mesa Drive, San Jose, California 95123;
- (5) Ely Tsern, a resident of 784 Dixon Way, Los Altos, California 94022; and
- (6) Jeff Mitchell, a resident of 2280 River Bed Court, Santa Clara, California 95054,

have invented certain new and useful improvements in:

METHOD AND APPARATUS FOR TEST AND CHARACTERIZATION
OF SEMICONDUCTOR COMPONENTS

and have executed a declaration for an application for a United States Patent disclosing and identifying the invention:

1. X The Declaration for the application for the United States patent being executed on
January 29, 2004;

Or

2. Said application having Application Number and filed on the th day of
 , 200 .

WHEREAS Rambus Inc. (hereinafter termed "Assignee"), a corporation of the State of Delaware, having a place of business at 4440 El Camino Real, Los Altos, State of California, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

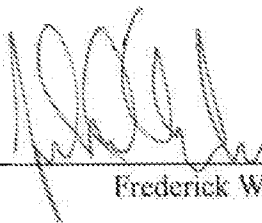
1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignee:


(1) 
Frederick Ware

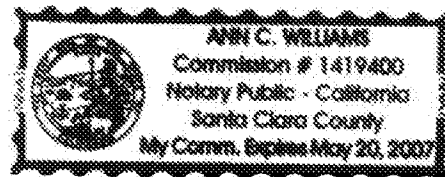
State of California)
County of Santa Clara)

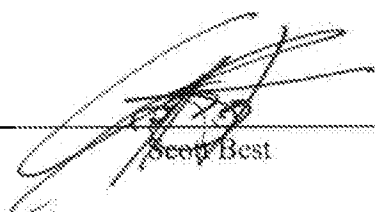
On 1-29-04 before me, Ann C. Williams, Notary Public,
(name and title of officer)

personally appeared Frederick Ware, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature 



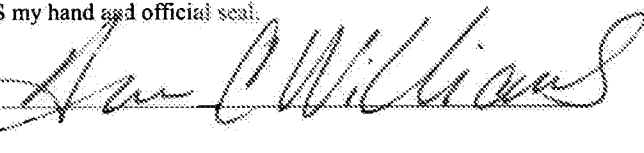
(2) 
Scott Best

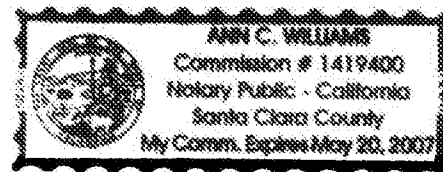
State of California)
County of Santa Clara)

On 1-29-04 before me, Ann C. Williams, Notary Public,
(name and title of officer)

personally appeared Scott Best, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature 



(3) Timothy Chang
Timothy Chang

State of California

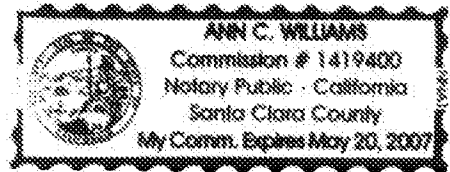
County of Santa Clara

On 1-29-2004 before me, Ann C. Williams, Notary Public,
(name and title of officer)

personally appeared Timothy Chang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Ann C Williams



(4) Richard Perego
Richard Perego

State of California

County of Santa Clara

On 1-29-04 before me, Ann C. Williams, Notary Public,
(name and title of officer)

personally appeared Richard Perego, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Ann C Williams



(5) Ely Tsern

State of California

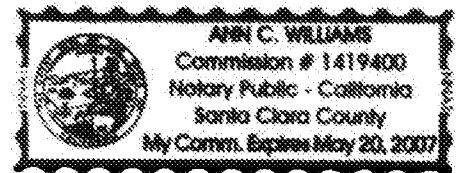
County of Santa Clara

On 1-29-04 before me, Ann C. Williams, Notary Public,
(name and title of officer)

personally appeared Ely Tsern, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~ they executed the same in his/~~her~~ their authorized capacity(~~ies~~), and that by his/~~her~~ their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Ann C. Williams



(6) Jeff Mitchell

State of California

County of Santa Clara

On 1-29-04 before me, Ann C. Williams, Notary Public,
(name and title of officer)

personally appeared Jeff Mitchell, personally known to me ~~(or proved to me on the basis of satisfactory evidence)~~ to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~ they executed the same in his/~~her~~ their authorized capacity(~~ies~~), and that by his/~~her~~ their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Ann C. Williams

