

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>Jeffery R Parker</td> <td>01/17/2012</td> </tr> <tr> <td>Lukasz S Poslowski</td> <td>01/17/2012</td> </tr> <tr> <td>James T Petroski</td> <td>01/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jeffery R Parker	01/17/2012	Lukasz S Poslowski	01/17/2012	James T Petroski	01/18/2012				
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<table border="1"> <tr> <td>Name:</td> <td>Rambus Inc</td> </tr> <tr> <td>Street Address:</td> <td>1050 Enterprise Way</td> </tr> <tr> <td>Internal Address:</td> <td>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	Internal Address:	Suite 700	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94089
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	(216)621-6165												
Phone:	216-621-1113												
Email:	lknochel@rennerotto.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:	M. David Galin												
Address Line 1:	1621 Euclid Ave.												
Address Line 2:	19th Floor												
Address Line 4:	Cleveland, OHIO 44115												
ATTORNEY DOCKET NUMBER:	GLOLP0185US												
NAME OF SUBMITTER:	M. David Galin												
Total Attachments: 3 source=GLOLP0185US_ExecutedAssignment#page1.tif source=GLOLP0185US_ExecutedAssignment#page2.tif source=GLOLP0185US_ExecutedAssignment#page3.tif													

OP \$40.00 29410378

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and pursuant to an obligation to Rambus Inc. and/or its affiliates to assign intellectual property, and pursuant to any other applicable agreements among Rambus Inc. and its affiliates, the person(s)

Jeffery R. Parker of, Richfield, Ohio
Lukasz S. Posłowski of Middleburg Heights, Ohio
James T. Petroski of Parma, Ohio

(hereinafter referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and/or does hereby sell, assign, and transfer to **Rambus Inc., a Delaware corporation**, having a place of business at **1050 Enterprise Way, Suite 700, Sunnyvale CA 94089** ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following **non-provisional application filed under 35 U.S.C. § 111(a)** ("APPLICATION") entitled "**LIGHT BULB**", having:

 X United States Patent Application No. **29/410,378**, filed on **January 6, 2012**;

 which claims priority to U.S. Patent Application No. [Enter **APPLICATION NUMBER**] filed on [Enter **DATE**]; or

 Application number (_____), filed (_____), inserted by (_____) on (_____) [Where INVENTOR hereby authorizes and requests ASSIGNEE or its agents to insert here in each parentheses the application number and filing date when known, along with the signature and date of the person completing this section].

2. The entire worldwide right, title, and interest in and to: (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, utility model, design, divisional, continuation, continued prosecution, continuation-in-part, substitute, renewal, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world related to the SUBJECT MATTER; (d) all patents (including reissues, re-examinations, and extensions) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

As part of this Assignment, INVENTOR further agrees to do the following, when requested, and without further consideration: (1) execute all oaths, declarations, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to

provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

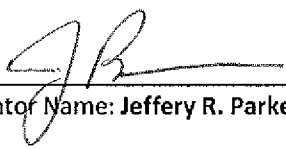
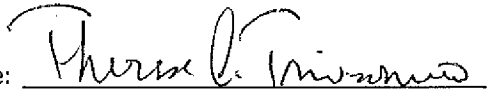
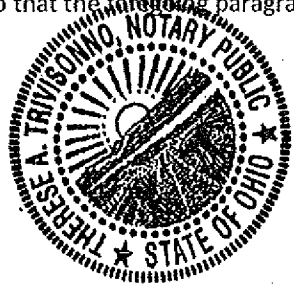
INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification 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.

The terms and covenants of this Assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding upon INVENTOR, and INVENTOR's respective heirs, legal representatives and assigns.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Each Inventor: Please Sign and Date Below:

	<u>1/17/2012</u>
Inventor Name: Jeffery R. Parker	Date
State of Ohio) County of Cuyahoga)	
On <u>1/17/12</u> before me, <u>THERESE A. TRIVISONNO</u> , Notary Public,	
personally appeared Jeffery R. Parker, who 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.	
I certify under PENALTY OF PERJURY under the laws of the State of Ohio that the foregoing paragraph is true and correct.	
WITNESS my hand and official seal.	
Signature: <u></u> (Seal)	
THERESE A. TRIVISONNO Notary Public, State of Ohio, Cuy. Cty. My Commission Expires Jan. 22, 2013	

[Signature] _____ Date 1/17/2012

Inventor Name: **Lukasz S. Poslowski**

State of Ohio)
 County of Cuyahoga)


On 1/17/12 before me, THERESE A. TRIVISONNO, Notary Public,

personally appeared **Lukasz S. Poslowski**, who 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Ohio that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: THERESE A. TRIVISONNO (Seal)



THERESE A. TRIVISONNO
 Notary Public, State of Ohio, Cuy. Cty.
 My Commission Expires Jan. 22, 2013

[Signature] _____ Date 18 Jan 2012

Inventor Name: **James T. Petroski**

State of Ohio)
 County of Cuyahoga)


On 1/18/12 before me, THERESE A. TRIVISONNO Notary Public,

personally appeared **James T. Petroski**, who 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Ohio that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: THERESE A. TRIVISONNO (Seal)



THERESE A. TRIVISONNO
 Notary Public, State of Ohio, Cuy. Cty.
 My Commission Expires Jan. 22, 2013