

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NEW ASSIGNMENT                              |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------|---------------------------|---------------------|--------------------------------------|-------------------|---------------------------------------------|-------|--------------|----------------|----------------|--------------|----------|
| NATURE OF CONVEYANCE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ASSIGNMENT                                  |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                             |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jeffery R. Parker</td> <td>03/01/2011</td> </tr> <tr> <td>Timothy M. Parker</td> <td>02/16/2011</td> </tr> </tbody> </table>                                                                                                                                                                              |                                             | Name          | Execution Date            | Jeffery R. Parker   | 03/01/2011                           | Timothy M. Parker | 02/16/2011                                  |       |              |                |                |              |          |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Execution Date                              |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| Jeffery R. Parker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 03/01/2011                                  |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| Timothy M. Parker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 02/16/2011                                  |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                             |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Rambus International Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Codan Trust Company (Cayman) Limited</td> </tr> <tr> <td>Internal Address:</td> <td>Cricket Square, Hutchins Drive, PO Box 2681</td> </tr> <tr> <td>City:</td> <td>Grand Cayman</td> </tr> <tr> <td>State/Country:</td> <td>CAYMAN ISLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>KY1-1111</td> </tr> </table> |                                             | Name:         | Rambus International Ltd. | Street Address:     | Codan Trust Company (Cayman) Limited | Internal Address: | Cricket Square, Hutchins Drive, PO Box 2681 | City: | Grand Cayman | State/Country: | CAYMAN ISLANDS | Postal Code: | KY1-1111 |
| Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Rambus International Ltd.                   |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| Street Address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Codan Trust Company (Cayman) Limited        |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| Internal Address:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Cricket Square, Hutchins Drive, PO Box 2681 |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| City:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Grand Cayman                                |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| State/Country:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CAYMAN ISLANDS                              |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| Postal Code:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | KY1-1111                                    |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                             |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29382958</td> </tr> </tbody> </table>                                                                                                                                                                                                                                       |                                             | Property Type | Number                    | Application Number: | 29382958                             |                   |                                             |       |              |                |                |              |          |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Number                                      |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 29382958                                    |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                             |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| <p>Fax Number: (216)621-6165<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (216) 621-1113</p> <p>Email: dotto@rennerotto.com</p> <p>Correspondent Name: Donald L. Otto</p> <p>Address Line 1: Renner, Otto, Boisselle &amp; Sklar, LLP</p> <p>Address Line 2: 1621 Euclid Avenue, Nineteenth Floor</p> <p>Address Line 4: Cleveland, OHIO 44115</p>                                                                                           |                                             |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | GLOLP0143US                                 |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Donald L. Otto                              |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |
| <p>Total Attachments: 4</p> <p>source=P0143US_ASSIGNMENT_Executed#page1.tif</p>                                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |               |                           |                     |                                      |                   |                                             |       |              |                |                |              |          |

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**PATENT**  
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**ASSIGNMENT**

For One Dollar (\$1.00) and other good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

**Jeffery R. Parker**  
**1050 Enterprise Way**  
**Suite 700**  
**Sunnyvale, CA 94089**

**Timothy M. Parker**  
**1050 Enterprise Way**  
**Suite 700**  
**Sunnyvale, CA 94089**

hereby sell(s) and assign(s) to **Rambus International Ltd.**, a Cayman Islands corporation, having a place of business at Codan Trust Company (Cayman) Limited, Cricket Square, Hutchins Drive, PO Box 2681, Grand Cayman, Cayman Islands KY1-1111, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions in **LIGHT CONDUCTIVE LIGHT EMITTER FOR LIGHT EMITTING DIODE LIGHT SOURCE** set forth in US Design Patent Application No. 29/382,958, filed January 10, 2011,

said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in the United States and in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent;

said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise;

the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue/transfer all said Letters Patent to said assignee in accordance herewith;

this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments,

invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be used for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

I/We also appoint **Rambus International Ltd.** as my/our common representative to represent me/us before all the competent International Authorities in connection with any and all international applications on said inventions.

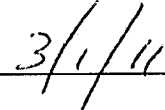
Attested By:

Signed:

Dated:

\_\_\_\_\_

  
Jeffery R. Parker

  
3/1/11

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\_\_\_\_\_  
Timothy M. Parker

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said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise;

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invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be used for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

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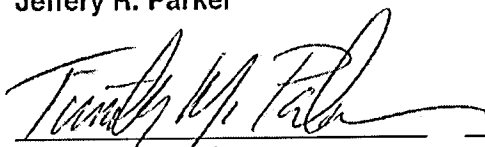
Signed:

Dated:

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Jeffery R. Parker

\_\_\_\_\_

  
Timothy M. Parker

2/16/11

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