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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2634681

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	DATA					
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IAN SHAEFFER					08/10/2011	
RECEIVING PARTY [DATA					
Name:	e: Rambus Inc.					
Street Address:	1050 Enterpris	1050 Enterprise Way, Suite 700				
City:	Sunnyvale	Sunnyvale				
State/Country:	CALIFORNIA	CALIFORNIA				
Postal Code:	94089					
Property	RS Total: 1		N	lumber		
	11		N	umber		
	11	141235		umber		
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PATENT REEL: 031705 FRAME: 0854

Total Attachments: 2

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Rambus Inc., a Delaware corporation, having a place of business at 1050 Enterprise Way, Suite 700, Sunnyvale, California, 94089, ("ASSIGNEE"), for itself and its successors, transferees, and assignces, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):
 - Application No. 61/493,934, entitled "Memory System for Error Detection and Correction Coverage," filed on June 6, 2011.
 - 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, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) 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.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, 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.

A9090/00100/DOCS/2089658.4

Title:

Memory System for Error Detection and Correction Coverage

Filed: Application No.: June 6, 2011 61/493,934

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.

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.

Name and Signature	Date of Signature
Tan Shaeffer	<u>8//0 ,2011</u>
State of California County of Santa Clara): }
personally appeared Ian Shaeffer, who pro the person whose name is subscribed to the executed the same in his authorized capacit person, or the entity upon behalf of which i	, Notary Public, wed to me on the basis of satisfactory evidence to be within instrument and acknowledged to me that he y, and that by his signature on the instrument the he person acted, executed the instrument, ander the laws of the State of California that the
WITNESS my hand and official seal. Signature:	COMM. #1860235 Z Notary Public - California O San Mateo County My Comm. Expires Aug. 6, 2013 ((Seal)

Attorney Docket No: 25728-18379

RECORDED: 12/03/2013

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