503206756 03/05/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3253371

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRAIG M. SMITH	09/20/2013
MICHAEL GUIDASH	09/20/2013
JAY ENDSLEY	09/20/2013
THOMAS VOGELSANG	09/20/2013
JAMES E. HARRIS	09/17/2013

RECEIVING PARTY DATA

Name:	Rambus Inc.	
Street Address:	1050 Enterprise Way, Suite 700	
City:	Sunnyvale	
State/Country:	CALIFORNIA	
Postal Code:	94089	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14638161

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 408-462-8000 Email: twain@rambus.com **Correspondent Name: TARISA WAIN**

Address Line 1: 1050 ENTERPRISE WAY #700 Address Line 4: SUNNYVALE, CALIFORNIA 94089

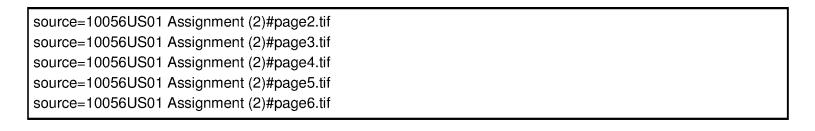
ATTORNEY DOCKET NUMBER:	10056US03
NAME OF SUBMITTER:	TARISA WAIN
SIGNATURE:	/Tarisa Wain/
DATE SIGNED:	03/05/2015

Total Attachments: 6

source=10056US01 Assignment (2)#page1.tif

PATENT REEL: 035133 FRAME: 0704

503206756



PATENT REEL: 035133 FRAME: 0705

ASSIGNMENT

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

Craig M. Smith of Spencerport, NY
Michael Guidash of Rochester, NY
Jay Endsley of San Jose, CA
Thomas Vogelsang of Mountain View, CA
James E. Harris of San Jose, CA

have sold, assigned, and transferred and/or I do 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:

My entire worldwide right, title, and interest in all inventions and improvements

	ATTER") that are disclosed in th LED IMAGE SENSOR WITH CON		
X	United States Patent Applicat	tion No. 61/875,882 , filed o	on September 10, 2013
	which claims priority to U.S. I NUMBER] filed on [Enter DA		ter APPLICATION
	Application number () on (nd request ASSIGNEE or its tion number and filing data	

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.

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

As part of this Assignment, I further agree to do the following, when requested, and without further consideration: (1) execute all daths, declarations, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests 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

Docket No.: 10056U501 Page 1 of 2 App. No.: 61/875,882

enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests conveyed. I further agree to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

I represent that I had or still have the right, title, and interest to convey as set forth herein, and covenant with ASSIGNEE that I have not made and will not make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests conveyed.

I grant ASSIGNEE or its agents 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 me, and my 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:

Case M. Jalo Inventor Name: Craig M. Smith	9/23/23 Date
Inventor Name: Michael Guidash	Date
Inventor Name: Jay Endsley	Date
Inventor Name: Thomas Vogelsang	
Inventor Name: James E. Harris	Oate

Docket No.: 10056US01 Page 2 of 2 App. No.: 61/875,882

ASSIGNMENT

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•	ATTER") that are disclosed in the LED IMAGE SENSOR WITH CONT	* :	
X	United States Patent Applicati	on No. 61/875,882 , filed on	September 10, 2013;
	which claims priority to U.S. P NUMBER] filed on [Enter DA]		APPLICATION
	Application number () on (d request ASSIGNEE or its ag ion number and filing date v), initials () ents to insert here in vhen known, along

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Docket No.: 10056U501 Page 1 of 2 App. No.: 61/875,882

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Inventor Name: Jay Endsley	Date
Inventor Name: Thomas Vogelsang	Date
Inventor Name: James E. Harris	Date

Docket No.: 10056US01 Page 2 of 2 App. No.: 61/875,882

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("SUBJECT MATTER") that are disclosed in the patent application ("APPLICATION") titled

"OVERSAMP	LED IMAGE SENSOR WITH CONDI	TIONAL PIXEL READOUT"	, having:
X	United States Patent Applicatio	n No. 61/875,882, filed o	n September 10, 2013;
<u> </u>	which claims priority to U.S. Par NUMBER] filed on [Enter DATE		r APPLICATION
	Application number (inserted by ([Where I hereby authorize and each parentheses the application with the printed name, date, arection].	on () on (request ASSIGNEE or its a on number and filing date), initials () gents to insert here in when known, along

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Docket No.: 10056US01 Page 1 of 2 App. No.: 61/875,882

PATENT

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Inventor Name Say Endsley	9/20/2013 Date
Inventor Name: Thomas Vogelsang	9 20 13 Date
Inventor Name: James E. Harris	9/17/13 Date

Docket No.: 10056US01 Page 2 of 2 App. No.: 61/875,882

RECORDED: 03/05/2015