RECORDATION FORM COVER SHEET PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below					
				party(les)/Execution Date(s):	2 Name and address of the new address(es) below
				JADE M. KIZER (06/08/2007), JOHN M. WILSON (06/08/2007), JOHN EBLE III (06/08/2007), AND FREDERICK A. WARE	Name and address of receiving party(ies)
(07/17/2007)	Name: RAMBUS, INC.				
Execution Date(s): in parentheses after inventor name	Street Address: 4440 EL CAMINO REAL				
Additional name(s) of conveying party(les) attached? Yes X No					
3. Nature of Conveyance: X Assignment Merger					
Security Agreement Change of Name	City:LOS ALTOS				
Government Interest Assignment	State: CALIFORNIA Country: United States of America Zip: 94022				
Executive Order 9424, Confirmatory License					
Other	Additional name(s) & address(es) Yes X No				
12/596,535	B. Patent No.(s)				
Additional numbers attached?	Yes X No				
Name and address to whom correspondence concerning document should be malled;	6. Total number of applications and patents involved:				
LERNER, DAVID, LITTENBERG,	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
ernal Address: Atty. Dkt.: RAMBUS 3.3-012	Authorized to be charged by credit card				
reet Address: 600 South Avenue West	Authorized to be charged to deposit account Enclosed None required (government Interest not affecting title)				
Westfield	. Payment Information				
le:07090	a. Credit Card Last 4 Numbers				
ne Number: (908) 518-6386	Expiration Date				
Number: (908) 654-0415	b. Deposit Account Number 12-1095				
MADDIESS:	Authorized User Name Bruno Polito				
Inature:					
12	October 30 com				
Signature	October 22, 2009				
Bruno Polito - 38,580	Total number of pages including cover				
Name of Person Signing	sheet, attachments, and documents: 4				

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PATENT REEL: 023420 FRAME: 0559

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LDLK&M File No. RAMBUS-012

<u>ASSIGNMENT</u>

WHEREAS Jade M. Kizer, a citizen of the United States of America, residing at 4306 Thetford Road, Durham, North Carolina 27707, United States of America; John M. Wilson, a citizen of the United States of America, residing at 7620 Elliott Drive, Raleigh, North Carolina 27613, United States of America; John Eble III, citizen of the United States of America, residing at 205 Wild Turkey Trail, Chapel Hill, North Carolina 27516, United States of America; and Frederick A. Ware, a citizen of the United States of America, residing at 13961 Fremont Pines Lane, Los Altos Hills, California 94022, United States of America; as assignors, have invented improvements in:

CLOCK SYNCHRONIZATION IN A MEMORY SYSTEM

for which United States Provisional Application Serial No. 60/925,209 was filed in the United States Patent and Trademark Office on April 19, 2007; and

PCT/US2008/005135

for which International Application Serial No. * was filed on April 18, *2008 designating all States, including the United States of America.

AND WHEREAS, Rambus, Inc., a corporation of the State of Delaware, having a place of business at 4440 El Camino Real, Los Altos, California 94022, United States of America, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we as assignors hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid applications for Letters Patent, including the right to claim priority from United States Provisional Application Serial No. 60/925,209 mentioned above, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for us and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

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LDLK&M File No. RAMBUS-012

Date: _\une 8, Z007	Jade M Kizer	194:
State of Unv the Cavoling) SS: County of Ovange) On this 8 day of June 200 Kizer, to me personally known as the individual		Cheryl L, Duff Notary Public Orunge County, NC My Countering Explanation and Jade M Countering To Street Management of The Countering Management of The Counterin
me that the same was executed by him/her of his. (Notary Public)	ther own free will for the	he purposes therein set forth.
Date: 6-8-2007	John M. Wilson	M. hala 1 Cherryl L. Duff
State of WOY+H COLOLING) SS: County of EVANGE) On this K day of Wilson, to me personally known as the individume that the same was executed by him/her of his/	al who executed the fo	Notary Public Orange County, NC My Commission Explana Of 177 (20 (D) maily came the above-named John M. pregoing instrument, who acknowledged to
Choul Dull (Notary Public)	 -	•
Date:6/8/2007	John Ebly III	medet.
$\underline{\mathbf{III}}$, to me personally known as the individual wh	L before the person to executed the forego	ing instrument, who acknowledged to me
that the same was executed by him/her of his/her of his	own free will for the p	urposes therein set forth.

PATENT





LDLK&M File No. RAMBUS-012

State of County of CALIFORNIA

(Notary Public)

) \$\$: SANTA CLARA

On this The day of Jum 2001 before me personally came the above-named Frederick A. Ware, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

HEATHER N. MESSEGES Commission # 1732224 Notary Public - California Santa Clara County My Comm. Expres Mar 18, 2011

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PATENT REEL: 023420 FRAME: 0562

RECORDED: 10/23/2009