FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

10-26-1999



101187513

U.S. Department of Commerce Patent and Trademark Office **PATENT**

RECORDATION FORM COVER SHEET **PATENTS ONLY**

Capinission	Туре		Co	nveyance	Гуре		
√ New			J	Assignmen	t Secu	rity Agreeme	ent
	ssion (Non-Record	lation)		License	Chan	ge of Name	
Documen Correction	L		ļ				
Reel #	n of PTO Error Frame	#	\neg \vdash \sqsubseteq	Merger	Othe	r	
	e Document			Æ	<i>U.S. Gov</i> or Use ONLY by U.S.		ancias)
Reel #	Frame	#			Departmental F		Secret File
Conveying I	Party(ies)	·- · · · · · · · · · · · · · · · · · ·		Mark if addit	ional names of cor	veying partie	s attached Execution Date
	GASBARRO, Jame	es Anthony					Month Day 10 20 1999
Name (me i)	OASDARRO, Jame	3 Antibony					10 20 1999
Name (line 2)							Execution Date
Second Party Name (line 1)							Month Day
Haine (iiile 1)							
Name (line 2)							
							receiving party is not
Name (line 2) Address (line 1) Address (line 2)	2465 Latham Street	t					States, an appointment of a domestic representative is attach (Designation must be a
Address (line 1)	Mountain View		Cali	fornia		94040	States, an appointment of a domestic representative is attach (Designation must be a separate document from Assignment.)
Address (line 1) Address (line 2) Address (line 3) Domestic R				State/Cou	untry	Zip Code	States, an appointment of a domestic representative is attach (Designation must be a separate document from Assignment.)
Address (line 1) Address (line 2) Address (line 3)	Mountain View			State/Cou		Zip Code	States, an appointment of a domestic representative is attach (Designation must be a separate document from Assignment.)
Address (line 1) Address (line 2) Address (line 3) Domestic R Name	Mountain View			State/Cou		Zip Code	representative is attach (Designation must be a separate document fror Assignment.)
Address (line 1) Address (line 2) Address (line 3) Domestic R	Mountain View			State/Cou		Zip Code	States, an appointment of a domestic representative Is attach (Designation must be a separate document from Assignment.)
Address (line 1) Address (line 2) Address (line 3) Domestic R Name Address (line 1) Address (line 2)	Mountain View			State/Cou		Zip Code	States, an appointment of a domestic representative is attach (Designation must be a separate document from Assignment.)
Address (line 1) Address (line 2) Address (line 3) Domestic R Name Address (line 1)	Mountain View			State/Cou		Zip Code	States, an appointment of a domestic representative Is attach (Designation must be a separate document from Assignment.)
Address (line 1) Address (line 2) Address (line 3) Domestic R Name Address (line 1) Address (line 2) Address (line 3) Address (line 3)	Mountain View City epresentative		d Addre	State/Cou	nter for the first Ro	Zip Code	States, an appointment of a domestic representative Is attach (Designation must be a separate document from Assignment.)
Address (line 1) Address (line 2) Address (line 3) Domestic R Name Address (line 1) Address (line 2) Address (line 3)	Mountain View City epresentative	Name and	d Addre	State/Cou	nter for the first Ro	Zip Code	States, an appointmen of a domestic representative is attac (Designation must be separate document fro Assignment.)

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington,
D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB

Mail documents to be recorded with required cover sheet(s) information to:

PATENT

REEL: 010325 FRAME: 0946

FORM	PTO-1619B
Expires 06	/30/99
OMB 0651	-0027

Page 2

U.S. Department of Commerce Patent and Trademark Office PATENT

Correspond	lent Name and Address	Area Code and Telephone Number	(703) 433-9208
Name	Stephen R. Whitt		
Address (line 1)	1215 Tottenham Court		
Address (line 2)	Reston, Virginia 20194		
Address (line 3)			
Address (line 4)			
Pages	Enter the total number of pag- including any attachments.	es of the attached conveyance docun	ment #
Application	Number(s) or Patent Num	nber(s) Mark i	f additional numbers attached
		Patent Number (DO NOT ENTER BOTH number:	
09387842	atent Application Number(s)	Pate	nt Number(s)
If this document was	is being filed together with a new Pate	nt Application, enter the date the patent applic	eation Month Day Year
Patent Coo	peration Treaty (PCT)		
	er PCT application number y if a U.S. Application Number	PCT PCT	PCT
	not been assigned.	PCT PCT	PCT
Number of I	Properties Enter the total	number of properties involved.	# 1
Fee Amoun	t Fee Amount	for Properties Listed (37 CFR 3.41):	\$ 40.00
	i of Payment: Enclo	sed 🚺 Deposit Account	
•	r payment by deposit account or if add	<u>-</u>	" FD 07/2
			# 50-0763
		Authorization to charge additional fees:	Yes 🗸 No
Statement a	and Signature		
attach	<u> </u>	lief, the foregoing information is true riginal document. Charges to deposi	
No		Stephen (Whiel 34, 153	10/21/99
nam	e of Person Signing	Signature	Date

Assignment of Rights in Invention (Sole inventor; single assignee)

Docket No. RA-143

Inventor	Residence of Inventor		
James Anthony GASBARRO	1613 Notre DameDrive Mountain View, California 94040		
Assignee	Residence or Principal Place of Business of Assignee		
RAMBUS INC	2465 Latham Street Mountain View, CA 94040		

Whereas, I, the above-identified Inventor, have invented certain new and useful improvements in:

Electronically Moveable Terminator and Method for Using Same in a Memory System (U.S. Patent Application No. 09/387,842)

(hereinafter referred to as "Invention", for which I am making application for Letters Patent in the United States of America;

And, whereas I desire to assign a 100% undivided interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefor to the above-identified Assignee, and whereas said Assignee is desirous of acquiring the entire right, title and interest in the same;

I hereby assign, sell and transfer a 100% undivided interest in said invention, said application, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Assignee, as assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees as Assignee or its Assignees may from time-to-time present to me in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto;

[Page 1 of 2] AS02A/REV01

PATENT REEL: 010325 FRAME: 0948

Assignment of Rights in Invention

Docket No.

(Sole inventor; single a	assignee) RA-143
Inventor	Residence of Inventor
James Anthony GASBARRO	1613 Notre DameDrive Mountain View, California 94040
Assignee	Residence or Principal Place of Business of Assignee
RAMBUS INC	2465 Latham Street Mountain View, CA 94040

And I further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee thereof shall hereafter require and prepare at its own expense.

Executed this 20th day of OCTOBER, in the year 1999

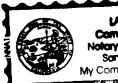
Maplean West

State of (colifornic

County of Sent Clark

Before me personally appeared James Anthony GASBARRO who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 20 day of 601000, in the year 1999

Hula Schrick



RECORDED: 10/22/1999