

03-06-2002



102003630

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

NGUYEN, Huy M.  
LAU, Benedict  
VU, Roxanne

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: 23 January 2002

## 2. Name and address of receiving party(ies):

Name: RAMBUS INC.

Address: 4440 El Camino Real

City: Los Altos

State/Prov.: CA

Country: US

ZIP: 94022

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

10/020,921

19 December 2001

Additional numbers

☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Stephen R. Whitt

Registration No. 34,753

Address: 1215 Tottenham Court

City: Reston

State/Prov.: VA

Country: US

ZIP: 20194

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

50-0763

(Attach duplicate copy of this page if paying by deposit account)

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Stephen R. Whitt

Name of Person Signing

Signature

04 February, 2002

Date

4

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments

PATENT

REEL: 012625 FRAME: 0394

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03/05/2002 LWEILER 00000004  
01 FEB 2002

**Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)**

Docket No.  
**RA-232**

*This is an Assignment of the following rights, title and interest: (check all that apply):*

- ☒ *United States of America rights, title and interest in the invention*  
☒ *Foreign rights, title and interest in the invention*  
☒ *United States Patent Application Serial No.* 10/020,921

*Date of Execution:* \_\_\_\_\_

*Date of Filing:* December 19, 2001

- ☐ *United States Provisional Patent Application Serial No.* \_\_\_\_\_  
☐ *United States Patent No(s).* \_\_\_\_\_  
☐ *International (PCT) Patent Application Serial No.* \_\_\_\_\_  
☐ *Other (specify)* \_\_\_\_\_

**Title of the Invention**

PUSH-PULL OUTPUT DRIVER

**Inventors (assignors)**

<i>Name</i>	<i>Address</i>
Huy M. Nguyen	4928 Scarlett Way, San Jose, CA 95111
Benedict Lau	630 Celebration Court, San Jose, CA 95134
Roxanne Vu	5816 Southview Drive, San Jose, CA 95138

**Assignee**

<i>Name</i>	<i>Address</i>
RAMBUS INC	4440 El Camino Real Los Altos, CA 94022

### Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Docket No.

RA-232

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

*And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;*

*Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;*

*We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, 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 or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us 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 we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;*

*And we further agree to sign and execute all necessary and lawful future documents, including applications 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 or its Designee(s) may from time to time require and prepare at its own expense.*

***Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)***

[illegible]

Assignment of Rights, Title and Interest in Invention  
(Multiple inventors; single assignee)

Docket No.  
RA-232

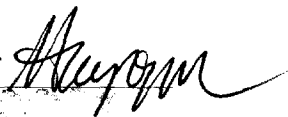
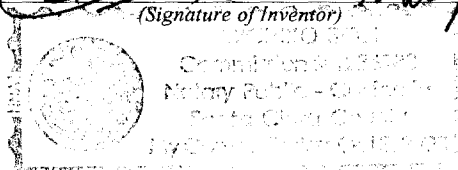
Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 23 day of January, in the year 2002  
at LOS ALTOS, CA.

State of California  
County of Santa Clara

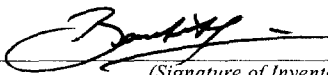
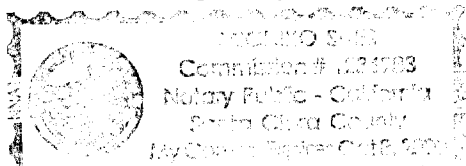
Before me personally appeared Huy M. Nguyen  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to  
execute the same this 23<sup>rd</sup> day of January, in the year 2002

HN  
  
(Signature of Inventor)  
  
Michelle Sites  
Commission # 1234983  
Notary Public - California  
Santa Clara County  
My Comm. Expires Oct 18, 2008

Executed this 23 day of January, in the year 2002  
at LOS ALTOS, CA.

State of California  
County of Santa Clara

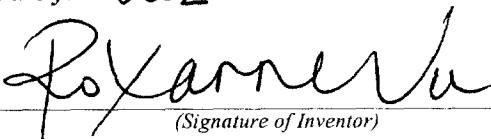
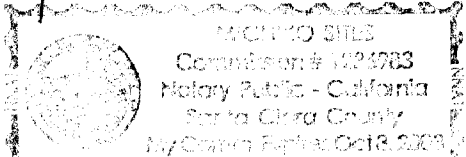
Before me personally appeared Benedict Lau  
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to  
execute the same this 23<sup>rd</sup> day of January, in the year 2002

  
(Signature of Inventor)  
  
Michelle Sites  
Commission # 1234983  
Notary Public - California  
Santa Clara County  
My Comm. Expires Oct 18, 2008

Executed this 23 day of January, in the year 2002  
at LOS ALTOS, CA.

State of California  
County of Santa Clara

Before me personally appeared Roxanne Vu  
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 23<sup>rd</sup> day of January, in the year 2002

  
(Signature of Inventor)  
  
Michelle Sites  
Commission # 1234983  
Notary Public - California  
Santa Clara County  
My Comm. Expires Oct 18, 2008

  
(Notary Public)