

12-12-2003



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ment(s) or copy(ies) thereof.

To the Honorable Commissioner of Patents

1. Name of Conveying Party(ies):

ASL Technology, Inc.

Additional name(s) of conveying party(ies) attached?

Yes  No

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: Rambus Inc.  
Address: 4440 El Camino Real  
Los Altos, CA 94022  
Country: USA

Additional name(s) and address(es) attached?

Yes  No

3. Nature of Conveyance:

Assignment  Merger  Change of Name  
 Verified Translation  Security Agreement  Other: \_\_\_\_\_

Execution Date: November 15, 1999

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

If this document is being filed together with a new application, the execution date(s) of the application is: November 7, 2003

A. Patent Application No(s):

B. Patent No(s):

09/372,319

Others on additional sheet(s) attached?  Yes  No

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

**Thomas E. Anderson, Esq.**  
Intellectual Property Department  
Hunton & Williams, LLP  
1900 K Street, N.W.  
Suite 1200  
Washington, DC 20006-1109  
(202) 955-1500 (telephone)  
(202) 778-2201 (facsimile)

6. Total number of applications and patents involved:

Application(s): 1  
+ Patent(s): \_\_\_\_\_  
= Total: 1

7. Total Fee (37 C.F.R. § 3.41) . . . . \$ 40.00

Enclosed  
 Authorized to be charged to Deposit Account

8. Deposit Account No.: 50-0206

(Duplicate copy of this sheet attached)  
 Charge any underpayment or credit any overpayment to above Deposit Account

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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.

Thomas E. Anderson, Reg. No. 37,063

Name of Person Signing

Signature

November 17, 2003

Date

Total number of pages including cover sheet, attachments, and document:

3

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11-17-2003

U.S. Patent & TMO/TM Mail Rcpt Dt. #58

PATENT

REEL: 014771 FRAME: 0846

## PATENT ASSIGNMENT AGREEMENT

WHEREAS, the undersigned, ASL Technology, Inc., a California corporation having a principal place of business at 650 Saratoga Avenue, San Jose, CA 95129 ("Assignor"), is the owner of the entire right, title and interest under U.S. Patent Application No. 09/372,319, filed on August 11, 1999 and entitled "High-Speed Communication System with a Feedback Synchronization Loop" ("Assigned Patent Property"); and

WHEREAS, Rambus, Inc. having a principal place of business at 2465 Latham Street, Mountain View, CA 94040 ("Assignee"), is desirous of acquiring the Assigned Patent Property and any rights in the Assigned Patent Property.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by Assignor to have been received in full from Assignee:

1. Effective November 15, 1999, Assignor does hereby sell, assign, transfer and convey unto Assignee, all of their right, title and interest together with the benefits and privileges in and to said Assigned Patent Property and all inventions and discoveries therein, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent:

2. Assignor hereby covenants and agrees to cooperate with Assignee to enable Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States. Such reasonable cooperation by Assignor shall include production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed reasonably necessary or desirable by Assignee

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and agreed to by Assignor which agreement shall not be unreasonably withheld, (a) for perfecting in Assignee the right, title and interest herein conveyed; (b) for filing and prosecuting substitute, divisional, continuing or additional applications covering the Assigned Patent Property; (c) for filing and prosecuting applications for reissuance of any of the Assigned Patent Property; (d) for interference or other priority proceedings involving the Assigned Patent Properties; and (e) for legal proceedings involving the Assigned Patent Property for infringement actions and court actions; provided, however, that the expense incurred by Assignor in providing such cooperation shall be paid for by Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of Assignee, its successors and assigns, and shall be binding upon Assignor and their assigns.

IN WITNESS WHEREOF, Assignor has executed and delivered this instrument to Assignee effective the 15th day of November, 1999.

Assignor: ASL TECHNOLOGY, INC.

Today's Date: 11/15/99

By: *[Signature]*

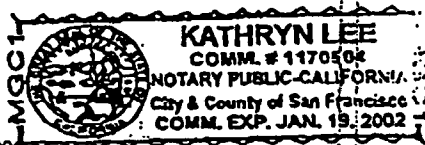
State of California

County of Santa Clara

On Nov. 15, 1999 before me, Kathryn Lee, Notary Public.

personally appeared PANK K. SEPARANAM personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.



*[Signature]*  
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