

01-12-2007

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



IT

To the Director of the U.S. Patent

103360441

Documents or the new address(es) below.

1. Name of conveying party(ies):

Christoph Horst KRAH

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Apple Computer, Inc.

Internal Address:

Street Address:

1 Infinite Loop

City: Cupertino

State: California

Country: United States of America Zip: 95014

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): December 22, 2006

- ☒ Assignment ☐ Merger ☐ Change of Name  
☐ Security Agreement ☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Glenn M. Kubota  
MORRISON & FOERSTER LLP

Internal Address: Atty. Dkt.: 106842002400

Street Address: 555 West Fifth Street

City: Los Angeles

State: CA Zip: 90013-1024

Phone Number: (213) 892-5752

Fax Number: (213) 892-5454

Email Address: GKubota@mofo.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers  
Expiration Date

b. Deposit Account Number 03-1952

Authorized User Name Glenn M. Kubota

9. Signature:

Signature

January 3, 2007

Date

Glenn M. Kubota - 44,197

Name of Person Signing

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

3

Express Mail Label No. EV840657962US

Client Ref. No.: P4803US1

01/11/2007 MJAMA1 00000109 031952 11650203

01 FC:8021 40.00 DA

la-896617

113014 U.S. PTO  
11/650203



010307

## ASSIGNMENT SOLE

THIS ASSIGNMENT, by **Christoph Horst KRAH**, with a post office address of P.O. Box 1483, Los Altos, California 94023-1483 (hereinafter referred to as the assignor), witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in **INDIVIDUAL CHANNEL PHASE DELAY SCHEME**, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; and

WHEREAS, **APPLE COMPUTER, INC.**, a corporation duly organized under and pursuant to the laws of the State of California, and having its principal place of business at **1 Infinite Loop, Cupertino, California 95014, USA** (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

"I hereby authorize and request the assignee's attorneys, Morrison & Foerster LLP, to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known."

12-22-2006

Date

Christoph Horst Krah

Christoph Horst KRAH

Assignor