

06-25-2007



103419599

eet

Attorney Docket No.: 004860.P5182

To the Director of the United State

Use record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Michael James Elliott Smith,  
Kenneth Christian Dyke, Richard Schreyer

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

☒ No ☐ Yes

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

Name: Apple Inc.

Internal Address: \_\_\_\_\_

3. Nature of Conveyance

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

Street Address: 1 Infinite Loop, M/S 3-PAT

City: Cupertino State/Province: CA Zip: 95014

Country: United States of America

Execution Date(s): 06/06/2007

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

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

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

June 7, 2007

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Blakely, Sokoloff, Taylor & Zafman LLP

Internal Address: \_\_\_\_\_

Street Address: 12400 Wilshire Boulevard, 7<sup>th</sup> Floor

Los Angeles, California 90025

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit Account Number:

02-2666

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

DO NOT USE THIS SPACE

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.

Vincent Weng Jeng Lue

Name of Person Signing

Signature

6-7-07

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

06/12/2007 HLE333 00000058 11811416

06 FC:8021

40.00 DP

Based on Form PTO-1595 as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 05/09/03

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, Michael James Elliott Swift, Kenneth Christian Dyke and Richard Schreyer,  
hereby sell, assign, and transfer to Apple Inc.

a Corporation of California  
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at 1 Infinite Loop, Cupertino, CA 95014

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled  
Serializing Command Streams For Graphics Processors

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number \_\_\_\_\_ filed June 7, 2007

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents

and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

6/6, 2007  
Date

Michael Swift  
Signature

Michael James Elliott Swift  
Michael James Elliott Swift

6/6, 2007  
Date

Kenneth C. Dyke  
Signature

Kenneth Christian Dyke  
Kenneth Christian Dyke

6/6, 2007  
Date

Richard Schreyer  
Signature

Richard Schreyer  
Richard Schreyer

\_\_\_\_\_, 20\_\_\_\_

\_\_\_\_\_

Assignment Document Return Address:

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
1279 Oakmead Parkway  
Sunnyvale, CA 94085-040  
(408) 720-8300