

2-25-05

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FORM PTO-1596
1-31-92

RECC

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: P3536US1

102956944

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

1. Name of Conveying Party(ies):

Shyh-shiaw Kuo; Hong Kaura

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

3. Nature of Conveyance:

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

Execution Date: February 22, 2005

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

Name: Apple Computer, Inc.

Internal Address:

Street Address: 1 Infinite Loop

City: Cupertino State/Country CA ZIP: 95014

Additional name(s) & address(es) attached? ☐ Yes

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

If the document is being filed together with a new application, the execution date of the application is: February 22, 2005

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ☐ Yes

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

Name: Hickman Palermo Truong & Becker LLP

Internal Address:

Street Address: 2055 Gateway Place, Suite 550.

City: San Jose State: CA Zip: 95110

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:

50-1302

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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.

John D. Henkhaus, Reg. No. 42,656

Name and Registration No. of Person Signing

Signature

Date:

Total number of pages comprising cover sheet: 3

CMB No. 0851-0011 (exp. 4/94)

60108-0019
03/03/2005 EFLORES 00000040 11067080

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Express Mail No. EV 564757281 US

PATENT
REEL: 016339 FRAME: 0022

ASSIGNMENT

WHEREAS WE, Shyh-shiaw Kuo of Cupertino, California; and Hong Kaura of Sunnyvale, California; both of USA; have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled BITRATE CONSTRAINED VARIABLE BITRATE AUDIO ENCODING, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Apple Computer, Inc., a California corporation having a place of business at 1 Infinite Loop, Cupertino, California 95014 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto NFO Worldwide, Inc., its legal representatives, successors, and assigns ("Assignee"), the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, we hereby agree with the said Assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and Assignee;

AND we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

2/22/05

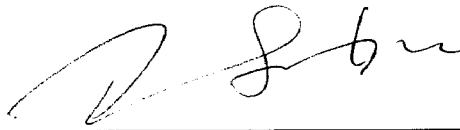
Date



Shyh-shiaw Kuo

2/22/05

Date



Hong Kaura