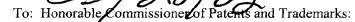


-PATENTS U



Please record the attached original document(s) or copy thereof.

- a) Brian Q. Huppi
- 2. Name and address of receiving party(ies):

Name: a)

Apple Computer, Inc. 1 Infinite Loop

Address:

Cupertino, CA 95014-2084

3. Nature of conveyance

Assignment

Merger Change of Name

Security Agreement Other

License Agreement

Execution Date: May 20, 2002

4. Application Number(s) or Patent Number(s): Unassigned

The title of the (new) application is:

MOUSE HAVING A BUTTON-LESS PANNING AND

SCROLLING SWITCH

5. Please send all correspondence concerning this (these) documents to:

Beyer Weaver & Thomas, LLP

P.O. Box 778

Berkeley, CA 94704-0778

Ph: (650) 961-8300

Fax: (650) 961-8301

(Customer Number: 022434)

- 6. Total number of applications and patents involved: 1
- 7. Total fee (37 CFR 3.41): \$40.00

Enclosed

Any additional fees are authorized to be charged to Deposit Account No. 500388

(Order No. )

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.

Date: May 28, 2002

6/03/2002 MAHMED1 00000032 10157343

40.00 OF FC:581

Quin C. Hoellwarth Registration No. 45,738

Attorney Docket No. APL1P231/P2678

(Revised 12/01)

REEL: 012947 FRAME: 0231

Docket No.: APL1P231/P2678

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the undersigned, do hereby sell, assign, and transfer to: Apple Computer, Inc., a corporation of California, having a principal place of business at 1 Infinite Loop, Cupertino, California 95014-2084 ("Assignee"), 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 improvements which are disclosed in the application for United States Letters Patent,

$\boxtimes$	which has been executed by the undersigned concurrently herewith,
	which was filed on
	and assigned Application No

and is entitled: MOUSE HAVING A BUTTON-LESS PANNING AND SCROLLING SWITCH

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said 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 divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said 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 improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said 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.

Date: 5/20/2002

Signature: Typed Name:

(Updated 04/02)

PATENT REEL: 012947 FRAME: 0232

RECORDED: 05/28/2002