

02-07-2006

1/30/06



1. Name of conveying party(ies):

Bob Lee MACKEY

103173840

receiving party(ies):

Synaptics Incorporated
3120 Scott Blvd., Suite 130
Santa Clara, CA 95054 USA

113261 U.S. PTO
11/343452
013006

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

Additional name(s) and address(es) attached? Yes No

3. Nature of Conveyance:

- Assignment
- Merger
- Change of Name
- Security Agreement
- Joint
- Other

Execution Date(s): 01/24/2006

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

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

A. Patent Application No.(s)

Application No.:

Date Filed:

Confirmation No.:

B. Patent No.(s):

Additional numbers attached? NO

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

Wagner Murabito & Hao LLP
123 Westridge Drive
Watsonville, CA 95076
(408) 938-9060

6. Total number of applications and patents involved: _____

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

Enclosed

Authorization to be charged to deposit account.

8. Deposit Account Number: **23-0085**

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 P. Wagner, Jr.

Name of Person Signing

Signature

01/30/2006

Date

Total number of pages including coversheet, attachments, and documents: 2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

(40.00 OF)

Assignment to Synaptics Incorporated

For good and valuable consideration, receipt and sufficiency of which is hereby acknowledged, I/we

Bob Lee MACKEY

do hereby sell, assign, and transfer unto Synaptics Incorporated (hereinafter called "Synaptics"), a Delaware Corporation, having its principal place of business at 3120 Scott Blvd., Suite 130, Santa Clara, CA 95054, USA, and its successors and assigns, the entire and exclusive right, title, and interest in the following:

any and all invention(s) set forth and described in an application for a **United States** patent entitled:

CAPACITIVE SENSING APPARATUS DESIGNS

Filed herewith; or

Serial No.: _____ filed on date _____

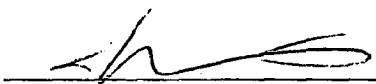
and any and all rights emanating from such application and any Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore, and all improvements and applications for Letters Patent which may be filed based in whole or in part on the aforesaid application and improvements, including, without limitation, any provisional, nonprovisional, continuation, continuation-in-part, continued prosecution, substitute, renewal, extension, divisional, reissue, reexamination, foreign, Patent Cooperation Treaty (PCT), or other patent application, inventor's certificate, or like document, which are hereafter collectively referred to herein as the "Innovations".

And for the above consideration, I/we agree promptly upon request of Synaptics, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application or other papers which may be necessary or desirable to fully secure to Synaptics, its successors and assigns, the Innovation and all intellectual property rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution, interference, reexamination, reissue, or other proceedings in the patent office involving said Innovations, and in the adjudication of said Innovations, provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Synaptics.

I/we further warrant and represent to Synaptics, its successors and assigns, that I/we are able to convey an entire interest in the innovations and 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;

Executed by:

Inventor's Signature: _____



Date: _____

1-24-2006

Inventor's Printed Name: **Bob Lee MACKEY**

BEST AVAILABLE COPY

RECORDATION FORM COVER SHEET PATENTS ONLY

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