

04-12-2001



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**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID # \_\_\_\_\_

Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other 20864.00901

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1) Richard Schediwy Execution Date  
Month Day Year  
02 16 2001

Name (line 2) \_\_\_\_\_

**Second Party**

Name (line 1) Mark Huie Execution Date  
Month Day Year  
02 16 2001

Name (line 2) \_\_\_\_\_

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1) Synaptics Incorporated

Name (line 2) A California corporation

Address (line 1) 2698 Orchard Parkway

Address (line 2) \_\_\_\_\_

Address (line 3) San Jose CA 95134  
City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name Malcolm B. Wittenberg

Address (line 1) Crosby, Heafey, Roach & May

Address (line 2) Two Embarcadero Center

Address (line 3) Suite 2000

Address (line 4) San Francisco, CA 94111

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**Correspondent Name and Address**

Area Code and Telephone Number

415 659-5908

Name Malcolm B. Wittenberg

Address (line 1) Crosby, Heafey, Roach & May

Address (line 2) Two Embarcadero Center

Address (line 3) Suite 2000

Address (line 4) San Francisco, CA 94111

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments

# 3

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<u>09/766464</u>						

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT <u>          </u>	PCT <u>          </u>	PCT <u>          </u>
PCT <u>          </u>	PCT <u>          </u>	PCT <u>          </u>

**Number of Properties**

Enter the total number of properties involved.

# 1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40

Method of Payment:  
Deposit Account

Enclosed  Deposit Account

Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 03-3821

Authorization to charge additional fees:

Yes  No

**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. Charges to deposit account are authorized, as indicated herein.

Malcolm B. Wittenberg

Name of Person Signing

Malcolm B. Wittenberg

Signature

03/28/01

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Receiving Party(ies)**

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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## ASSIGNMENT

WHEREAS, I, Richard Schediwy, and I, Mark Huie, and I, Charles Cook, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: CAPACITIVE POINTING STICK

Date of Execution: 02/16/01 Filing Date: January 19, 2001

Serial No.: 09/766464 .


WHEREAS, Synaptics Incorporated, a corporation of the State of California, 2698 Orchard Parkway, San Jose, CA 95134 hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable considerations, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their names to this assignment on the date indicated below.

Dated: 02/16/01

  
RICHARD SCHEDIWY

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF SANTA CLARA )

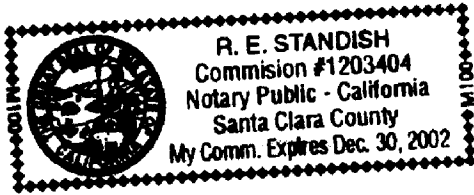
On FEBRUARY 16, 2001, before me, R. E. STANDISH, NOTARY  
Date Name and Title of Officer

personally appeared Richard Schediwy  
Name of Signer(s)

personally known to me – OR –

proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



  
Signature of Notary Public

Dated: 2/16/2001

Mark Huie

MARK HUIE

STATE OF CALIFORNIA )  
 )  
COUNTY OF SANTA CLARA ) ss.

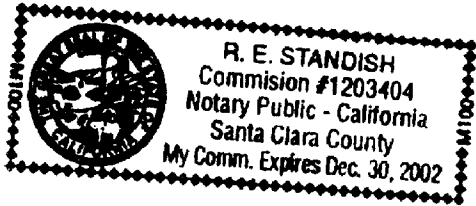
On February 16, 2001, before me, R.E. Standish, Notary Public  
Date Name and Title of Officer

personally appeared MARK HUIE  
Name of Signer(s)

personally known to me - OR -

proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



R.E. Standish  
Signature of Notary Public

Dated:

2/16/01

*Charles Cook*  
CHARLES COOK

STATE OF CALIFORNIA )

COUNTY OF SANTA CLARA )

) ss.

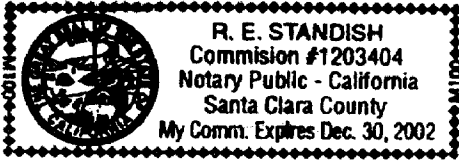
On February 16, 2001, before me, R.E. STANDISH, Notary Public  
Date Name and Title of Officer

personally appeared CHARLES COOK  
Name of Signer(s)

personally known to me - OR -

proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



*R.E. Standish*  
Signature of Notary Public