

01-05-2006

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Date of Deposit:	12/22/2005	Name of Person Making the Deposit:	Kristel Lang	Signature of the Person Making the Deposit:	<i>Kristel Lang</i>
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112975 U.S. PTO
11/316556



122205

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:
Please record the attached original document(s) or copy(ies) thereof:

TRANSMITTAL OF AN ASSIGNMENT

- Name of conveying party(ies):** Bich Quy TRAN

Application No. Filed: TBD
Confirmation No.: TBD
Group Art Unit: TBD
Examiner: TBD
- Name and Address of Receiving party(ies):** SYNAPTICS Incorporated
3120 Scott Blvd., Suite 130, Santa Clara, CA 95054
- Nature of Conveyance :** Assignment
Execution Date: 12/22/2005
- New Patent Application entitled:** EQUALIZING REFERENCE SURFACE CAPACITANCE WITH UNEVEN THICKNESS
- Name and address of party to whom correspondence concerning document should be mailed:**
Name: John P. Wagner Jr.
Address: Wagner, Murabito & Hao LLP
Two North Market Street, Third Floor, San Jose, CA 95113
Phone: (408) 938-9060
Customer No: 41066
- Total Number of applications and patents involved:** ONE
- Fee Calculation (for other than a small entity)**
Assignment Recordation Fee, per property 1 X \$40.00
Total Fees (37 CFR 3.41) \$40.00
X The amount of \$ 40.00 is enclosed
- At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.
- 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.

Respectfully submitted,

By: *Thomas M. Catale*
Thomas M. Catale
Reg. No. 46,434

Date: DEC. 22, 2005

01/04/2006 EC00PER 00000167 230085 11316556

01 FC:8021 40.00 DA

Attorney Docket No.: SYNA-20050404-A3

Assignment to Synaptics Incorporated

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

Bich Quy TRAN

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 of America** patent entitled:

EQUALIZING REFERENCE SURFACE CAPACITANCE WITH UNEVEN THICKNESS

X 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: Bich Tran Date: 12/22/2005

Inventor's Printed Name: Bich Quy TRAN