

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Mihai M. Bulea	12/11/2009
Thomas E. Shortledge	12/11/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Synaptics Incorporated
<b>Street Address:</b>	3120 Scott Blvd. Suite 130
<b>City:</b>	Santa Clara
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12636952
<b>CORRESPONDENCE DATA</b>	
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<b>Total Attachments: 2</b> source=20091214_assignment#page1.tif source=20091214_assignment#page2.tif	

CH \$40.00 12636952

## Assignment to Synaptics Incorporated

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

**Mihai M. Bulea**  
**Thomas E. Shortledge**

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:

**SYSTEM AND METHOD FOR MEASURING INDIVIDUAL FORCE IN MULTI-OBJECT SENSING**

Filing Date: December 14, 2009

Serial No.: 12/636,952

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.

I/we hereby authorize Synaptics, its successors and assigns, its legal representatives, or anyone it may properly designate, to insert in this instrument the filing date and/or serial number of said application when ascertained.

Executed by:

Inventor's Signature: Mihai M. Bulea Date: 11<sup>th</sup> Dec 2009

Inventor's Printed Name: **Mihai M. Bulea**

Inventor's Signature: Thomas E. Shortledge Date: 12/11/2009

Inventor's Printed Name: **Thomas E. Shortledge**