

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joseph Kurth REYNOLDS	03/25/2007
Kirk HARGREAVES	03/26/2007

RECEIVING PARTY DATA

Name:	Synaptics Incorporated
Street Address:	3120 Scott Blvd.
Internal Address:	Suite 130
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11615408

CORRESPONDENCE DATA

Fax Number: (480)385-5061

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 480-385-5060

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Correspondent Name: S. Jared Pitts, Esq.

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Address Line 2: Suite 325

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ATTORNEY DOCKET NUMBER:

028.0028

NAME OF SUBMITTER:

Jason R. Graff

Total Attachments: 4

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PATENT

REEL: 019072 FRAME: 0255

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PATENT

REEL: 019072 FRAME: 0256

Assignment to Synaptics Incorporated

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

Joseph Kurth REYNOLDS and Kirk HARGREAVES

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:

HALF-BRIDGE FOR CAPACITIVE SENSING

____ Filed herewith; or

X Serial No.: **11/615,408** Filed on date: **December 22, 2006**

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: Joseph Kurth Reynolds Date: 03/25/07
Inventor's Printed Name: **Joseph Kurth REYNOLDS**

Inventor's Signature: _____ Date: _____
Inventor's Printed Name: **KIRK HARGREAVES**

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Witnessed by:

Inventor's Signature: _____

Date: _____

Inventor's Printed
Name:

Joseph Kunth REYNOLDS

Inventor's Signature: _____

Date: _____

[Handwritten Signature]

26 Mar 2007

Inventor's Printed
Name:

KIRK HARGREAVES

revision: September 25, 2006