

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3677412

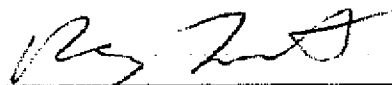
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAYMOND A. TRENT JR.	03/27/2003
SCOTT J. SHAW	03/27/2003
DAVID W. GILLESPIE	03/28/2003
CHRISTOPHER HEINY	03/27/2003
MARK A. HUIE	03/27/2003
RECEIVING PARTY DATA	
Name:	SYNAPTICS INCORPORATED
Street Address:	1251 MCKAY DRIVE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95131
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11925503
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Correspondent Name:	ROBERT P. LORD
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Address Line 2:	SUITE 3500
Address Line 4:	HOUSTON, TEXAS 77010
ATTORNEY DOCKET NUMBER:	38018/151005
NAME OF SUBMITTER:	KATE OHALE
SIGNATURE:	/Robert P. Lord/
DATE SIGNED:	12/28/2015
Total Attachments: 1	

ASSIGNMENT

WHEREAS, we, Raymond A. Trent, Jr., a citizen of the United States of America, residing at 1177 Hanchett Avenue, San Jose, California 95126, Scott J. Shaw, a citizen of the United States of America, residing at 4221 San Juan Avenue, Fremont, California 94536, David W. Gillespie, a citizen of the United States of America, residing at 16100 Soda Spring Road, Los Gatos, California 95033, Christopher Heiny, a citizen of the United States of America, having a mailing address of 2381 Bering Drive, San Jose, California 95131, and Mark A. Huie, a citizen of the United States of America, residing at 801 Walnut Street, #9, San Carlos, California 94070 hereinafter referred to as Assignors, have invented "A CLOSED-LOOP SENSOR ON A SOLID-STATE OBJECT POSITION DETECTOR" for which we have executed application papers for a U.S. patent thereon, which was filed on January 7, 2003, serial No. 10/338,765; and

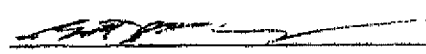
WHEREAS, Synaptics, Inc., a Delaware corporation, having a place of business at 2381 Bering Drive, San Jose, California 95131, hereinafter referred to as Assignee, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefore in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, the Assignors, do sell, assign, transfer and set over unto said Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee, its successors and assigns, in accordance with this Assignment.



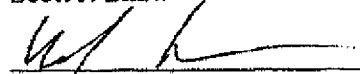
Raymond A. Trent, Jr.

27 MAR 03
Date signed



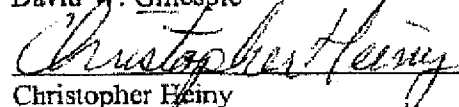
Scott J. Shaw

3-27-3
Date signed



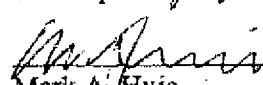
David W. Gillespie

March 28/03
Date signed



Christopher Heiny

2003/03/27
Date signed



Mark A. Huie

27 March 2003
Date signed