

Form PTO-1595 (Rev. 03-09)  
OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Brett Alan Spurlock  
Yansun Xu  
Huy Tae  
John Frame  
Chunguang Xia

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: CYPRESS SEMICONDUCTOR CORP.

Internal Address: \_\_\_\_\_

Street Address: 198 Champion Court

City: San Jose

State: California

Country: U.S.A. Zip: 95134

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 03/32/2011; 04/04/2011; 04/07/2011

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

13/079,788

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: William E. Nuttle

Internal Address: \_\_\_\_\_

Street Address: P.O. Box 4240

City: Foster City

State: California Zip: 94404

Phone Number: (650)207-3418

Fax Number: (650)240-3500

Email Address: william.nuttle@comcast.net

**6. Total number of applications and patents involved: one (1)**

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 503467

Authorized User Name William E. Nuttle

**9. Signature:**

William E. Nuttle  
Signature

April 7, 2011  
Date

William E. Nuttle  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1460, Alexandria, V.A. 22313-1450

CH \$40.00 503467 13079788

PATENT  
CD2010018

**ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to CYPRESS SEMICONDUCTOR CORP. (the "Assignee"), having a place of business at 198 Champion Court, San Jose, CA, 95134-1709 the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled "OPTICAL NAVIGATION SENSOR AND METHOD", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee; and

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

PATENT  
CD2010018

FURTHER COVENANT that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Signature) Brett Alan Spurlock  
Brett Alan Spurlock

Date: 3/31/11

(Signature) \_\_\_\_\_  
Yansun Xu

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
Huy Tae

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
John Frame

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
Chunguang Xia

Date: \_\_\_\_\_

Please direct all communication as follows:

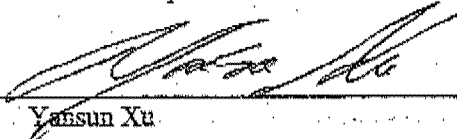
Customer No. 60909

PATENT  
CD2010018

FURTHER COVENANT that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Signature) \_\_\_\_\_  
Brett Alan Spurlock

Date: \_\_\_\_\_

(Signature)  \_\_\_\_\_  
Yansun Xu

Date: 04/04/2011

(Signature) \_\_\_\_\_  
Huy Tac

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
John Frame

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
Chunguang Xia

Date: \_\_\_\_\_

Please direct all communication as follows:

Customer No. 60909

PATENT  
CD2010018

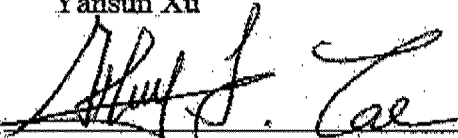
FURTHER COVENANT that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Signature) \_\_\_\_\_  
Brett Alan Spurlock

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
Yansun Xu

Date: \_\_\_\_\_

(Signature)  \_\_\_\_\_  
Huy Tae

Date: 3/31/2011

(Signature) \_\_\_\_\_  
John Frame

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
Chunguang Xia

Date: \_\_\_\_\_

Please direct all communication as follows:

Customer No. 60909

Apr-07-11 06:39P

P.02

PATENT  
CD2010018

FURTHER COVENANT that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Signature) \_\_\_\_\_  
Brett Alan Spurlock

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
Yansun Xu

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
Huy Tae

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
John Frame

Date: 7 Apr 2011

(Signature) \_\_\_\_\_  
Chunguang Xia

Date: \_\_\_\_\_

Please direct all communication as follows:

Customer No. 60909

PATENT  
CO2010018

FURTHER COVENANT that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Signature) \_\_\_\_\_  
Brett Alan Spurlock

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
Yansun Xu

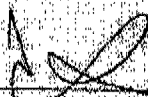
Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
Huy Tac

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
John Frame

Date: \_\_\_\_\_

(Signature) \_\_\_\_\_  
  
Chunguang Xia

Date: 3/31/2011

Please direct all communication as follows:

Customer No. 60909

**WILLIAM E. NUTTLE**  
Patent Attorney

P.O. Box 4240  
Foster City, California 94404

Telephone: (650) 207-3418  
Fax: (650) 240-3500  
Email: william.nuttle@comcast.net

**FACSIMILE TRANSMISSION COVER SHEET**

April 7, 2011

Mail Stop ASSIGNMENT RECORDATION SERVICES  
P. O. Box 1450  
Alexandria, VA 22313-1450  
FAX#: 571-273-0140

In re Application of: Brett Alan Spurlock, et al.  
Serial No.: 13/079,788  
Filed: April 4, 2011  
Title: OPTICAL NAVIGATION SENSOR AND METHOD  
Art Unit unknown

**PAGE 1 OF 8**

Message:

---

**NOTICES:**

**If you do not receive all of this fax, please contact me at the above number.**

**This message is intended only for the addressee or designated recipient(s). It may contain confidential or proprietary information and may be subject to confidentiality protections, the attorney-client privilege and/or the attorney work product doctrine. Please notify me by return fax if you are not the intended recipient. If you are not the intended recipient you may not review or copy this fax or its contents, or disclose or distribute the same to any other person, and any such actions may be unlawful. If you receive this fax in error, please return or destroy it.**

If you do not receive all of this fax, please contact me at the above number.

THANK YOU.

**PATENT**