

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sean Thorne	07/07/2006
RECEIVING PARTY DATA	
Name:	Aeroflex Colorado Springs Inc.
Street Address:	4350 Centennial Blvd.
City:	Colorado Springs
State/Country:	COLORADO
Postal Code:	80907-3486
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11456662
CORRESPONDENCE DATA	
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Phone:	719-448-5947
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Correspondent Name:	William J. Kubida
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Address Line 4:	Colorado Springs, COLORADO 80903
ATTORNEY DOCKET NUMBER:	UTMC142
NAME OF SUBMITTER:	Michael Martensen
Total Attachments: 3 source=DOC101#page1.tif source=DOC101#page2.tif source=DOC101#page3.tif	

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## RECORDATION FORM COVER SHEET

U.S. Department of Commerce

U.S. Patent and Trademark Office

## 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)/Execution Date(s):

Sean Thorne Execution Date: 07/07/2006

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

2. Name and address of receiving party(ies)

Aeroflex Colorado Springs Inc.  
4350 Centennial Blvd.  
Colorado Springs, CO 80907-3486Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance

- ☒ 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)

Attorney Docket No.: UTMCI42

Additional numbers attached? ☐ Yes ☒ No

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

Name: William J. Kubida  
 Internal Address: Hogan & Hartson LLP  
One Tabor Center  
1200 17th Street, Suite 1500  
 Street Address: same as above  
 City: Denver State: CO Zip: 80202  
 Phone Number: 719-448-5909  
 Fax Number: 719-448-5922  
 Email Address: PatentColorado@hhlaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) ..... \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)


8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit account number 50-1123

Authorized User Name \_\_\_\_\_

9. Signature :   
Signature7/11/06  
Date**Michael C. Martensen**

Name of Person signing

Total number of pages including cover sheet, attachments and document: 3

## ASSIGNMENT

WHEREAS, I, Sean Thorne, having a residence address of 29 Avocet Loop, Colorado Springs, Colorado 80921, have made a certain new and useful invention relating to a TWO COMPONENT PHOTODIODE DETECTOR, for which I am making or have made application for Letters Patent of the United States, said application being identified by Docket No. UTMCI42 and Client/Matter No. 81107.0025, in the law firm of HOGAN & HARTSON LLP, One Tabor Center, 1200 17th Street, Suite 1500, Denver, Colorado 80202, and which was executed on July 7, 2006, assigned serial no. 11/456,662 and

WHEREAS, I now own the entire right, title and interest therein; and

WHEREAS, Aeroflex Colorado Springs Inc., hereinafter ASSIGNEE, a Delaware corporation, whose mailing address is 4350 Centennial Blvd. Colorado Springs, CO 80907-3486, is desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor;

NOW THEREFORE, upon consideration of my employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, I do hereby sell and assign unto ASSIGNEE, and ASSIGNEE's legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both of the United States and of other countries, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, I do hereby covenant and agree with ASSIGNEE that I will not execute any writing or do any act whatsoever conflicting with this assignment, and that I will, at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, execute such additional assignments and other writings and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining original,

continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

The undersigned inventor hereby grants the patent practitioners associated with Customer No. 25235 the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal on the date hereinafter set forth.

Date: 7/7/2006

Sean Thorne  
Sean Thorne

STATE OF COLORADO )

COUNTY OF EL PASO ) ss.

On this 7<sup>th</sup> day of July, 2006, before me, a notary public in and for said county, appeared Sean Thorne, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed, and delivered the same instrument as a free and voluntary act for the uses and purposes therein set forth.

My commission expires 11/29/06.

Witness my hand and official seal.

(SEAL)

Linda Burr  
Notary Public