

11-20-2002

FORM PTO-1595

(Rev. 3-01)

OMB No. 0651-0027 (exp. 5/31/2002)



102287171

SHEET

U.S. Department of Commerce
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

David B. Kerwin and Bradley J. Larsen

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

Name and address of receiving party(ies)

Aeroflex UPMC Microelectronic Systems, 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☐ Other

Execution Date: 11/1/02, 11/11/02

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

If this document is being filed together with a new application, the execution date of the application is: 11/01/02

A. Patent Application No.(s)

B. Patent No.(s)

Attorney Docket No.: UTM118

Additional numbers attached? ☐ Yes ☒ No

5. Name and Address of party 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

6. Total number of applications and patents involved: 1

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

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1123

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Peter J. Meza

Name of Person signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 4

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ASSIGNMENT

WHEREAS, we, David Kerwin, having a residence address of 4740 Russett Oak Ct., Colorado Springs, CO 80919, and ^{B. ~~Brad Larsen~~} *Bradley J Larsen* *BJL*, having a residence address of 495 E. Lovell Gulch Rd., Woodland Park, CO 80863, have made a certain new and useful invention relating to a RADIATION HARDENING METHOD FOR SHALLOW TRENCH ISOLATION IN CMOS, for which we are making or we have made application for Letters Patent of the United States, said application being identified by Docket No. UTMCI18 and Client/Matter No. 81107.0012, in the law firm of HOGAN & HARTSON LLP, One Tabor Center, 1200 17th Street, Suite 1500, Denver, Colorado 80202, and which is executed concurrently herewith, and

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

WHEREAS, Aeroflex UTMC Microelectronic Systems, 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 our employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, we 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 we 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.

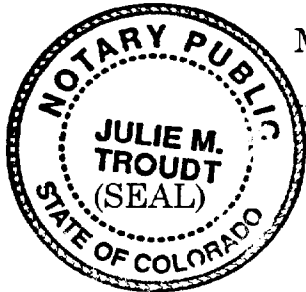
UPON SAID CONSIDERATION, we do hereby covenant and agree with ASSIGNEE that we will not execute any writing or do any act whatsoever conflicting with this assignment, and that we will, at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, execute such 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.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals on the date hereinafter set forth.

Date: 11 Nov 2002 David B. Kerwin
David Kerwin

STATE OF COLORADO)
)
COUNTY OF EL PASO) ss.

On this 11th day of November, 2002, before me, a notary public in and for said county, appeared David Kerwin, 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 8/28/2005.

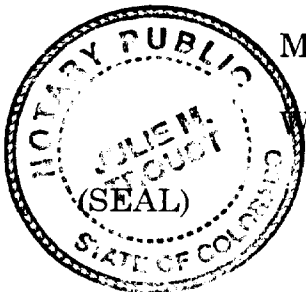
Witness my hand and official seal.

Julie M. Trought
Notary Public

Date: 11-1-02 Bradley J. Larsen
~~Brad Larsen~~ Bradley J Larsen B/J

STATE OF COLORADO)
)
COUNTY OF EL PASO) ss.

On this 1st day of November, 2002, before me, a notary public in and for said county, appeared Bradley J. Larsen, 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 8/28/05.

Witness my hand and official seal.

Julie M. Trought
Notary Public