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05-15-2002



IT

U.S. Department of Commerce  
Patent and Trademark Office

102090123

To the Honorable Commissioner of

Patent and Trademark Office

1. Name of conveying party(ies):

Alfred P. Gnadinger

5-9-02

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

3. Nature of conveyance:

☒ Assignment

☐ Security Agreement

☐ Other

☐ Merger

☐ Change of Name

Execution Date: 04/05/02

Name and address of receiving party(ies)

Name: COVA Technologies, Inc.

Street address: 5061 N. 30th Street, Suite 105

Colorado Springs, CO 80919

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

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: 04/29/02

A. Patent Application No.(s) 10/087,361

Attorney Docket No.: COVA0002

B. Patent No.(s)

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.

William J. Kubida

Name of Person signing

Signature

Date

08 May 2002

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

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\\ICS - 90337/0005 - 52447 v1

PATENT  
REEL: 012880 FRAME: 0586

PATENT  
EXPRESS MAIL NO. EV035491923US  
Attorney Docket No. COVA0002  
Client/Matter No. 90337.0005  
Confirmation No. 3332

## ASSIGNMENT

WHEREAS, I, Alfred P. Gnadinger, having a residence address of 19 Leaming Road, Colorado Springs, CO 80906, have made a certain new and useful invention relating to a SINGLE TRANSISTOR FERROELECTRIC MEMORY CELL, DEVICE AND METHOD FOR THE FORMATION OF THE SAME INCORPORATING A HIGH TEMPERATURE FERROELECTRIC GATE DIELECTRIC, for which I am making or have made application for Letters Patent of the United States, said application being identified by Docket No. COVA0002 and Client/Matter No. 90337.0005, in the law firm of HOGAN & HARTSON LLP, One Tabor Center, 1200 17th Street, Suite 1500, Denver, Colorado 80202, and which was filed March 1, 2002, assigned serial no. 10/087,361 and claims priority from Provisional Patent Application 60/272,986, filed March 2, 2001 for "Single Transistor Ferroelectric Memory Device with High Temperature Ferroelectric Gate Dielectric", and

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

WHEREAS, COVA Technologies, Inc., hereinafter ASSIGNEE, a Colorado corporation, whose mailing address is 5061 N. 30th Street, Suite 105 Colorado Springs, CO 80919, 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.

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

Date: 4-5-02 F. P. Gnadinger  
Alfred P. Gnadinger

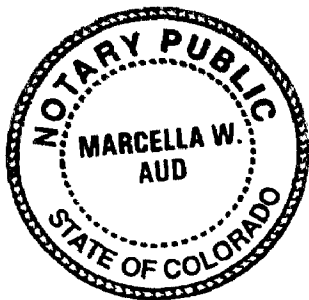
STATE OF COLORADO )  
COUNTY OF El Paso ) ss.

On this 5<sup>th</sup> day of May, 2002, before me, a notary public in and for said county, appeared Alfred P. Gnadinger, 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 12/23/03.

Witness my hand and official seal.

(SEAL)



Marcella W. Aud  
Notary Public