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OMB No. 0651-0027 (exp. 6/30/2005)

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

22278 U.S. PTO  
10/984065



1. Name of conveying party(ies)/Execution Date(s):

Shan Sun - Execution Date: 11/04/2004  
 Xiao-Hong Du - Execution Date: 11/04/2004  
 Fan Chu - Execution Date: 11/04/2004  
 Bob Sommervold - Execution Date: 11/04/2004

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

Name and address of receiving party(ies)

Ramtron International Corporation  
 1850 Ramtron Drive  
 Colorado Springs, CO 80921

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

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 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)  
 Attorney Docket No.: RAM 515

B. Patent No.(s)

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

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 : Peter J. Meza  
 Signature

Peter J. Meza  
 Name of Person signing

11/8/04  
 Date

Total number of pages including cover sheet, attachments and document: 5

11/16/2004 GTON11 00000148 10984065  
 01 FC:8021 40.00 DP

**A S S I G N M E N T**

WHEREAS, we, Shan Sun, having a residence address of 505 Buckeye Drive, Colorado Springs, Colorado 80919, Xiao-Hong Du, having a residence address of 820 Vindicator Drive, Apt. 312, Colorado Springs, CO 80919, Fan Chu, having a residence address of 8325 Kirk Drive, Colorado Springs, Colorado 80908, and Bob Sommervold, having a residence address of 3480 Ashwood Circle, Colorado Springs, CO 80906, have made a certain new and useful invention relating to a **CIRCUIT FOR GENERATING A CENTERED REFERENCE VOLTAGE FOR A 1T/1C FERROELECTRIC MEMORY**, for which we are making or we have made application for Letters Patent of the United States, said application being identified by Docket No. RAM 515 and Client/Matter No. 80412.0164, 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, Ramtron International Corporation, hereinafter ASSIGNEE, a Delaware corporation, whose mailing address is 1850 Ramtron Drive Colorado Springs, CO 80921, 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.

