

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shan SUN	11/04/2004
Xiao-Hong DU	11/04/2004
Fan CHU	11/04/2004
Bob SOMMERVOLD	11/04/2004
RECEIVING PARTY DATA	
Name:	RAMTRON INTERNATIONAL CORPORATION
Street Address:	1850 RAMTRON DRIVE
City:	COLORADO SPRINGS
State/Country:	COLORADO
Postal Code:	80921
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11426165
CORRESPONDENCE DATA	
Fax Number:	(303)899-7333
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Hogan & Hartson L.L.P. - Carol W. Burton
Address Line 1:	1200 17th Street, Suite 1500
Address Line 4:	Denver, COLORADO 80202
ATTORNEY DOCKET NUMBER:	RAM 515 DIV
NAME OF SUBMITTER:	Carol W. Burton, Reg. No. 35,465
Total Attachments: 4 source=DOC515#page1.tif	

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**PATENT**  
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**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.

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

Date: 11/04/04

Shan Sun  
Shan Sun

STATE OF COLORADO )

) ss.

COUNTY OF El Paso )

On this 4<sup>th</sup> day of November, 2004, before me, a notary public in and for said county, appeared Shan Sun, 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 10-30-07.

Witness my hand and official seal.

(SEAL)

Dale E Doyle  
Notary Public

Date: 11/04/04

Xiao-Hong Du  
Xiao-Hong Du

STATE OF COLORADO )

) ss.

COUNTY OF El Paso )

On this 4<sup>th</sup> day of November, 2004, before me, a notary public in and for said county, appeared Xiao-Hong Du, 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 10-30-07.

Witness my hand and official seal.

(SEAL)

Dale E Doyle  
Notary Public

Date: 11-4-04

Fan Chu  
Fan Chu

STATE OF COLORADO )

) ss.

COUNTY OF El Paso )

On this 4<sup>th</sup> day of November, 2004, before me, a notary public in and for said county, appeared Fan Chu, 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 10-30-07.

Witness my hand and official seal.

(SEAL)

Shirley Dyer  
Notary Public

Date: 11-4-04

Bob Sommervold  
Bob Sommervold

STATE OF COLORADO )

) ss.

COUNTY OF El Paso )

On this 4<sup>th</sup> day of November, 2004, before me, a notary public in and for said county, appeared Bob Sommervold, 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 10-30-07.

Witness my hand and official seal.

(SEAL)

Shirley Dyer  
Notary Public