

3/17/05

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U.S. Department of Commerce U.S. Patent and Trademark Office

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To the Director of the U.S. Patent and

ments or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s): Xiao-Hong DU - Execution Date: 03/15/05 Craig TAYLOR - Execution Date: 03/15/05 Additional name(s) of conveying party(ies) attached? [] Yes [X] 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 [X] No

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3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Government Interest Assignment [] Executive Order 9424, Confirmatory License [] Other

4. Application or patent number(s): [X] This document is being filed together with a new application. A. Patent Application No.(s) Attorney Docket No.: RAM 514 CIP B. Patent No.(s) Additional numbers attached? [] Yes [X] 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) 448-5900 Fax Number: (719) 448-5922 E-mail Address: wjkubida@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 [X] 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

03/21/2005 LWDNDI 00000000 11082526 0 FC:8021 (40.00 GP)

9. Signature: Peter J Meza Signature Date: 3/17/05

Peter J. Meza Name of Person signing

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

A S S I G N M E N T

WHEREAS, we, Xiao-Hong Du, having a residence address of 820 Vindicator Drive, Apt. 312, Colorado Springs, CO 80919, and Craig Taylor, having a residence address of 2560 Himalaya Ct., Colorado Springs, CO 80919, have made a certain new and useful invention relating to a COUNTING SCHEME WITH AUTOMATIC POINT-OF-REFERENCE GENERATION, 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 514 CIP and Client/Matter No. 80412.0163.001, 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: 3-15-05

Xiao-Hong Du
Xiao-Hong Du

STATE OF COLORADO)

) ss.

COUNTY OF El Paso)

On this 15 day of March, 2005 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)

Deborah E. Doyle
Notary Public

Date: 3-15-05

Craig Taylor
Craig Taylor

STATE OF COLORADO)

) ss.

COUNTY OF El Paso)

On this 15 day of March, 2005, before me, a notary public in and for said county, appeared Craig Taylor, 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)

Deborah E. Doyle
Notary Public