## PATENT ASSIGNMENT

## Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT				
CONVEYING PARTY DATA							
		N	ame Execution [	Date			
Franck Fillere 05/08/2012							
RECEIVING PARTY DATA							
Name:	Ramtron International Corporation						
Street Address:	1850 Ramtro	1850 Ramtron Drive					
City:	Colorado Spr	Colorado Springs					
State/Country:	COLORADO	COLORADO					
Postal Code:	80921						
PROPERTY NUMBERS Total: 1							
Property Type			Number				
Application Number: 13		13467	816	7816			
Application Number: 13467816   CORRESPONDENCE DATA 9000000000000000000000000000000000000							
Fax Number: (719)448-5922		8-5922		0			
Phone:	719-448			\$40.00			
	Email: patentcoloradospring@hoganlovells.com						
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.							
Correspondent Name: Hogan Lovells US L			US LLP				
Address Line 1: Two North Cas			cade Avenue, Suite 1300				
Address Line 4:	Colorad	o Sprin	gs, COLORADO 80903				
ATTORNEY DOCKET NUMBER:			RAM 618				
NAME OF SUBMITTER:			William J. Kubida				
Total Attachments: 3 source=DOC004#page1.tif source=DOC004#page2.tif source=DOC004#page3.tif							

(Rev. 03-09)	DATION FORM COVER SHEET PATENTS ONLY	U.S. Department of Commerce U.S. Patent and Trademark Office				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.						
1. Name of conveying party(ies)/Execution D						
Franck Fillere Execution Date: 05/08/20	Ramtron International Corporation   1850 Ramtron Drive   Colorado Springs, CO 80921					
Additional name(s) of conveying party(ies) attached?	No	Additional name(s) & address(es) attached? TYes X No				
	rger nge of Name cense					
4. Application or patent number(s):	This document is being filed together with a	a new application.				
A. Patent Application No.(s)	B. Patent No.(s)					
Attorney Docket No.: RAM 618						
Additional numbers attached? 🗌 Yes 🔀 No						
5. Name and Address to whom correspondence document should be mailed:	e concerning 6. Total number of applications a	nd patents involved: 1				
Name: <u>William J. Kubida</u> Internal Address: <u>Hogan Lovells US LLP</u>	7. Total fee (37 CFR 1.21(h) & 3	.41)\$ _40.00				
Two North Cascade Avenue. Street Address: same as above		to deposit account				
City: <u>Colorado Springs</u> State: <u>CO</u> Zij						
Phone Number: 719-448-5909 Fax Number: <u>719-448-5922</u> Email Address: <u>patentcoloradospring@hog</u>	anlovells com	nt interest not affecting				
	8. Payment Information	2				
	Deposit account number <u>50-</u> Authorized User Name	1123				
9. Signature : Signature	Ald 09 Mar 2012 Date					
<u>William J. Kubida</u> Name of Person signing	Total number of pages including cover sheet, attachment	s and document: <u>3</u>				

-

PATENT EFS-Web Attorney Docket No. RAM 618 Client/Matter No. 80412.0198

## ASSIGNMENT

WHEREAS, I, Franck Fillere, having a residence address of 9055 Rochester Drive, Colorado Springs, Colorado, 80920, have made a certain new and useful invention relating to a STACK PROCESSOR USING A FERROELECTRIC RANDOM ACCESS MEMORY (F-RAM) HAVING AN INSTRUCTION SET OPTIMIZED TO MINIMIZE MEMORY FETCH OPERATIONS, for which I am making or have made application for Letters Patent of the United States, said application being identified by Docket No. RAM 618 and Client/Matter No. 80412.0198, in the law firm of HOGAN LOVELLS US LLP, 2 North Cascade Avenue, Suite 1300, Colorado Springs, Colorado 80903, and which was executed on  $\frac{8}{1012}$ , assigned serial no.  $\frac{6}{461,816}$  and

WHEREAS, I 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 my employment and other good and valuable consideration, the adequacy of which is horeby 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,

\\CS · 080412/000198 - 169207 v1

Page 1 of 2

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.

The undersigned inventor hereby grants the patent practitioners associated with Customer No. 25235 the power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

	$\subset$
Date: 05/08/2012	Bole
	Franck Fillere

SS.

STATE OF COLORADO COUNTY OF EL PASO

On this  $\underline{8}$  day of  $\underline{7}$   $\frac{7}{47}$ \_\_\_, 20<u>/2</u>, before me, a notary public in and for said county, appeared Franck Fillere, 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

04/27/2013

My commission expires

) )

Witness my hand and official seal.

Notary Public

NCS · 080412/000198 · 169207 v1

(SEAL)

Page 2 of 2

**RECORDED: 05/10/2012**