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Attorney Docket No. 063101-5004

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11-19-01	Please record the attached origin	al documents or copy	y thereof.	
1. Name of conveying party(ies):		2. Name and ad	dress of receiving party(ies):	
Pageant Technologies (USA) In	nc.	Name: N	Micromem Technologies, Inc.	
Additional name(s) of conveying party(ies) attached? ☐ Yes ■ No			777 Bay Street, Suite 1910 Foronto, Ontario M5G2C8	
3. Nature of conveyance:		•	Toronto, Ontario M3 0200	
X Assignment	Merger	Country (if other	er than USA): CANADA	
Security Agreement	Change of Name			
Other				
Execution Date: November 5, 20	007	Additional Nam	nes(s) & Address(es) attached?Yes _X No	
4. Application number(s) or patent	number(s):			
If this document is being filed toget	her with a new application, the execut	ion date of the applica	ation is:	
A. Patent Application No.(s) 11/4	49,027	B. Patent No.(s	s) <u>7,110,312</u>	
	Additional numbers attac	hed? 🗆 Yes 🗷 N	Vo	
5. Name and address of party to wh concerning document should be	om correspondence mailed:	6. Number of a and patents		
MORGAN, LEWIS & BOCKIUS LLP 1111 Pennsylvania Avenue, NW Washington, DC 20004 Customer No. 09629		7. Total fee (37 CFR 3.41): \$80 Please charge to the deposit account listed in Section 8.		
		8. Deposit account number: 50-0310		
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9. Statement and signature.				
To the best of my knowledge an document. Kyle J. Choi	d belief, the foregoing information is t	rue and correct and a	any attached copy is a true copy of the original November 19, 2007	nal
Name of Person Signing	Reg. No. Signature		Date	
	/*			
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N	fail documents to be recorded with	required cover sheet	t information to:	

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ASSIGNMENT

WHEREAS, PAGEANT TECHNOLOGIES (USA), INC., a corporation of Utah, whose post office address is 1155 University Boulevard, Albuquerque, NM 87196 (hereinafter referred to as "Assignor"), is a joint owner of the United States patent applications and patents listed in Exhibit A (hereinafter referred to as the "Patent Rights"); and

WHEREAS, MICROMEM TECHNOLOGIES, INC., a corporation of Canada, whose post office address is 777 Bay Street, Suite 1910, Toronto, Ontario M5G2C8 (hereinafter referred to as "Assignee"), is desirous of securing the entire right, title, and interest in and to the Patent Rights in all countries throughout the world;

WHEREAS, Assignor has agreed to assign to Assignee, all of its right, title and interest to Assignee in and to (i) the Patent Rights, (ii) all reissues, divisionals, continuations, continuations-in-part, extensions, renewals, and reexaminations of the foregoing. (iii) all rights corresponding to any of the foregoing throughout the world (including the right to claim the priority date of any of the foregoing), (iv) all inventions and improvements described therein, (v) all rights to sue at law or in equity for any past, present, and future infringement, abuse, misappropriation, violation, or other impairment thereof, including, without limitation, the right to receive all proceeds of suit and damage awards therefore, and (vi) all payments, income, and royalties and rights to payments, income, and royalties arising out of the sale, lease, license, assignment, or other disposition thereof (hereinafter the "Assigned Rights").

NOW THEREFORE, be it known by all whom it may concern that in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration as set forth in the agreements between the parties, the receipt and sufficiency of which is hereby acknowledged, the Assignor has agreed to assign, sell, and set over and by these presents does hereby assign, sell, and set over unto the Assignee, its successors, legal representatives and assigns, all of its right, title, and interest in and to the Assigned Rights, the Assigned Rights to be held and enjoyed by the Assignee as fully and entirely as the same would have been held by the Assignor had this Assignment and sale not been made.

Morgan, Lewis & Bockius LLP

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AND, the Assignor hereby covenants that the Assignor has the full right to convey the interest assigned by this Assignment, and the Assignor has not executed and will not execute any

agreement in conflict with this Assignment;

AND the Assignor hereby further covenants and agrees that the Assignor will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title of Assignee in the Assigned Rights, including, but not limited to, executing confirmatory assignments, and to obtain Letters Patent therefore in the name of Assignee, and the Assignor hereby authorizes and requests the Commissioner of Patents to issue any such Letters Patent to the Assignee in accordance with this Agreement.

IN TESTIMONY WHEREOF, the Assignor has hereunto set its hand.

Witness:	PAGEANT TECHNOLOGIES (USA), INC. Full Name of Assignor
Print Name: SALVATURE FUDA	
	1155 University Boulevard, Albuquerque, NM 87106
	Address
Witness: 71 15881	
	Assignor's Signature
Print Name: NINA ISSAR	
	November 5, 2007
	Date
Names of additional in	nventors attached Yes No

Morgan, Lewis & Hockius LLP

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Exhibit A

Application	Filing	Patent	Issue	Titte
No.	Date	No.	Date	
		7,110,312	9/19/2006	Non-Volatile Magnetic Memory Device
11/449,027	6/8/2006			Non-Volatile Magnetic Memory Device

Morgan, Lewis & Bockius LLP

1-WA/2845731.1

RECORDED: 11/19/2007

PATENT REEL: 020156 FRAME: 0636