

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Raghavan MENON</td><td>01/07/2009</td></tr><tr><td>Raj MAHAJAN</td><td>01/07/2009</td></tr></tbody></table>	Name	Execution Date	Raghavan MENON	01/07/2009	Raj MAHAJAN	01/07/2009	
Name	Execution Date						
Raghavan MENON	01/07/2009						
Raj MAHAJAN	01/07/2009						
RECEIVING PARTY DATA							
Name:	Virage Logic Corporation						
Street Address:	47100 Bayside Parkway						
City:	Fremont						
State/Country:	CALIFORNIA						
Postal Code:	94538						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12346859</td></tr></tbody></table>	Property Type	Number	Application Number:	12346859			
Property Type	Number						
Application Number:	12346859						
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Total Attachments: 1 source=VL-P007 Assignment#page1.tif							

CH 12346859 \$40.00

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REEL: 022328 FRAME: 0508

## ASSIGNMENT

JOINT

WHEREAS, Raghavan MENON and Raj MAHAJAN hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified Provisional Application for Patent:

Title of Invention: A Dynamic Random Access Memory Controller  
Filing Date: ~~XXXXXX~~ December 31, 2008  
Application No.: ~~XXXXXXXXXXXX~~ 12/346,859, and

WHEREAS, Virage Logic Corporation, a corporation of California, having a business address of 47100 Bayside Parkway, Fremont, California 94538 hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and provisional application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Evergreen Valley Law Group, P.C., 2670 South White Road, Suite 275, San Jose, California 95148, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date 1/7/09 R. Raghavan  
Raghavan MENON  
Date 1/7/09 Raj Mahajan  
Raj MAHAJAN

Witnessed by  
T. J. [Signature]  
1/7/2009

Witnessed by  
[Signature]  
1/7/09

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