

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																		
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																		
<b>CONVEYING PARTY DATA</b>																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Arthur A. BRIGHT</td><td>09/05/2007</td></tr> <tr><td>Paul G. CRUMLEY</td><td>09/06/2007</td></tr> <tr><td>Steven M. DOUSKEY</td><td>09/06/2007</td></tr> <tr><td>Marc DOMBROWA</td><td>09/05/2007</td></tr> <tr><td>Rudolf A. HARING</td><td>09/05/2007</td></tr> <tr><td>Steven F. OAKLAND</td><td>09/06/2007</td></tr> <tr><td>Michael R. OUELLETTE</td><td>09/06/2007</td></tr> <tr><td>Scott A. STRISSEL</td><td>09/05/2007</td></tr> </tbody> </table>		Name	Execution Date	Arthur A. BRIGHT	09/05/2007	Paul G. CRUMLEY	09/06/2007	Steven M. DOUSKEY	09/06/2007	Marc DOMBROWA	09/05/2007	Rudolf A. HARING	09/05/2007	Steven F. OAKLAND	09/06/2007	Michael R. OUELLETTE	09/06/2007	Scott A. STRISSEL	09/05/2007
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Michael R. OUELLETTE	09/06/2007																		
Scott A. STRISSEL	09/05/2007																		
<b>RECEIVING PARTY DATA</b>																			
<b>Name:</b>	INTERNATIONAL BUSINESS MACHINES CORPORATION																		
<b>Street Address:</b>	New Orchard Road																		
<b>City:</b>	Armonk																		
<b>State/Country:</b>	NEW YORK																		
<b>Postal Code:</b>	10504																		
<b>PROPERTY NUMBERS Total: 1</b>																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>11851613</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	11851613														
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<b>Application Number:</b>	11851613																		
<b>CORRESPONDENCE DATA</b>																			
<b>Fax Number:</b>	(703)716-1180																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
<b>Phone:</b>	703-716-1191																		
<b>Email:</b>	acalderon@gbpatent.com																		
<b>Correspondent Name:</b>	Andrew M. Calderon																		
<b>Address Line 1:</b>	1950 Roland Clarke Place																		
<b>Address Line 4:</b>	Reston, VIRGINIA 20191																		
<b>ATTORNEY DOCKET NUMBER:</b>	YOR920050044US2																		

**CH \$40.00 11851613**

**PATENT**

**500354725**

**REEL: 019829 FRAME: 0560**

NAME OF SUBMITTER:

Andrew M. Calderon

**Total Attachments: 8**

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ASSIGNMENT

INVENTOR AND CITY	Whereas, we		
	(1)	<b>Arthur A. BRIGHT</b>	of Croton-on-Hudson,
	County of	Westchester	and State of New York,
	and (2)	<b>Paul G. CRUMLEY</b>	of Yorktown Heights
	County of	Westchester	and State of New York,
	and (3)	<b>Steven M. DOUSKEY</b>	of Rochester
	County of	Olmsted	and State of Minnesota,
	and (4)	<b>Marc DOMBROWA</b>	of <u>Bronx</u>
County of	<u>Bronx</u>	and State of <u>New York</u>	
and (5)	<b>Rudolf A. HARING</b>	of Cortlandt Manor,	
County of	Westchester	and State of New York,	
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County of	Chittenden	and State of Vermont,	
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County of	Chittenden	and State of Vermont,	
and (8)	<b>Scott A. STRISSEL</b>	of Byron	
County of	Olmsted	and State of Minnesota,	

have invented certain improvements in **DESIGN STRUCTURE FOR IN-SYSTEM REDUNDANT ARRAY REPAIR ON INTEGRATED CIRCUITS**

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

and executed, respectively, a United States patent application therefor on

(1) Sept 5, 2007, (2) \_\_\_\_\_, 2007,  
 (3) \_\_\_\_\_, 2007, (4) 09/05, 2007,  
 (5) Sept 5, 2007, (6) \_\_\_\_\_, 2007,  
 (7) \_\_\_\_\_, 2007, (8) \_\_\_\_\_, 2007.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of

priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed:

Arthur A. Bright  
Arthur A. BRIGHT

on Sept 5, 2007

\_\_\_\_\_  
Paul G. CRUMLEY

on \_\_\_\_\_, 2007

\_\_\_\_\_  
Steven M. DOUSKEY

on \_\_\_\_\_, 2007

Marc Dombrowa  
Marc DOMBROWA

on 09/05, 2007

Rudolf A. Haring  
Rudolf A. HARING

on Sept 5, 2007

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on \_\_\_\_\_, 2007

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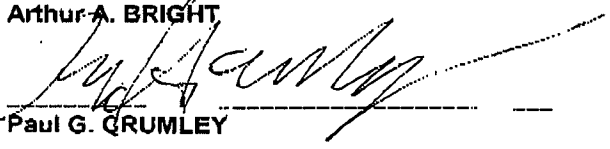
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*Steven F. Oakland*  
\_\_\_\_\_  
Steven F. OAKLAND

on *6 Sept.*, 2007

*Michael R. Ouellette*  
\_\_\_\_\_  
Michael R. OUELLETTE

on *Sep 6*, 2007

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Scott A. STRISSEL

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