

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<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>Richard S. Brink</td> <td>06/27/2008</td> </tr> <tr> <td>Michael R. Curry</td> <td>06/27/2008</td> </tr> <tr> <td>Raymond A. Richetta</td> <td>07/08/2008</td> </tr> <tr> <td>Timothy J. Schmerbeck</td> <td>06/27/2008</td> </tr> </tbody> </table>		Name	Execution Date	Richard S. Brink	06/27/2008	Michael R. Curry	06/27/2008	Raymond A. Richetta	07/08/2008	Timothy J. Schmerbeck	06/27/2008
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Timothy J. Schmerbeck	06/27/2008										
RECEIVING PARTY DATA											
Name:	International Business Machines Corporation										
Street Address:	New Orchard Road										
City:	Armonk										
State/Country:	NEW YORK										
Postal Code:	10504										
PROPERTY NUMBERS Total: 1											
<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>Application Number:</td> <td>12169447</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12169447						
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Application Number:	12169447										
CORRESPONDENCE DATA											
Fax Number:	(402)496-0333										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	402-496-0300										
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Correspondent Name:	IBM CORPORATION (SWP)										
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Address Line 4:	OMAHA, NEBRASKA 68154-5299										
ATTORNEY DOCKET NUMBER:	ROC920080276US1										
NAME OF SUBMITTER:	Sean Patrick Suiter										
Total Attachments: 2											

CH \$40.00 12169447

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**PATENT
 REEL: 021208 FRAME: 0454**

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ASSIGNMENT

Whereas, we,

- (1) **RICHARD S. BRINK** of Rochester
County of Olmsted and State of Minnesota
- (2) **MICHAEL R. CURRY** of Rochester
County of Olmsted and State of Minnesota
- (3) **RAYMOND A. RICETTA** of Rochester
County of Olmsted and State of Minnesota
- (4) **TIMOTHY J. SCHMERBECK** of Mantorville
County of Dodge and State of Minnesota

have invented certain improvements in

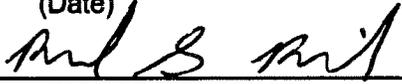
METHOD FOR HIERARCHICAL VLSI MASK LAYOUT DATA INTERROGATION

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

(Dates Inventors Signed Declaration) (1) 6/27, (2008); (2) 6/27, (2008);
(3) 7/8, (2008); (4) 6/27/0, (2008).

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 therefore;

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.

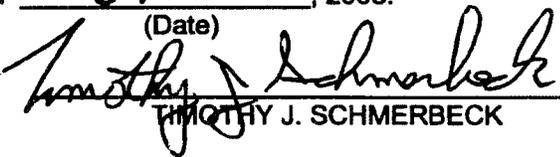
(1) Signed at ROCHESTER on 6/27, 2008.
(City) (Date)

RICHARD S. BRINK

(2) Signed at Rochester on 6/27, 2008.
(City) (Date)

MICHAEL R. CURRY

(3) Signed at Rochester on 7/8, 2008.
(City) (Date)

RAYMOND A. RICHETTA

(4) Signed at Rochester on 6/27, 2008.
(City) (Date)

TIMOTHY J. SCHMERBECK