

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Phillip Francis Chapman | 12/11/2007 |
| David S. Collins | 12/11/2007 |
| Steven H. Voldman | 12/12/2007 |
| 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 | |
| Property Type | Number |
| Application Number: | 11956417 |
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| ATTORNEY DOCKET NUMBER: | BUR920070209US1 |
| NAME OF SUBMITTER: | Jack P. Friedman, Reg. No. 44,688 |
| Total Attachments: 1 source=BUR920070209US1-assignment#page1.tif | |

CH \$40.00 11956417

PATENT

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REEL: 020246 FRAME: 0462

ASSIGNMENT

Docket No. BUR920070209US1

Whereas, we

INVENTOR
AND CITY

(1) Phillip Francis Chapman
County of Chittenden
and (2) David S. Collins
County of Chittenden
and (3) Steven H. Voldman
County of Chittenden

of, Colchester
and State of, Vermont
of, Williston
and State of, Vermont
of, South Burlington
and State of, Vermont

have invented certain Improvements in

TITLE

LATCHUP ROBUST GATE ARRAY USING THROUGH WAFER VIA

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

(1) December 11, 2007, (2) December 11, 2007,
(3) December 12, 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 inventions 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

Phillip Francis Chapman
(Phillip Francis Chapman)

on December 11, 2007

David S. Collins
(David S. Collins)

on December 11, 2007

Steven H. Voldman
(Steven H. Voldman)

on December 12, 2007

PATENT

RECORDED: 12/14/2007

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