

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Matthew J. Breitwisch</td><td>10/17/2007</td></tr><tr><td>Roger W. Cheek</td><td>10/17/2007</td></tr><tr><td>Eric A. Joseph</td><td>10/22/2007</td></tr><tr><td>Chung H. Lam</td><td>10/17/2007</td></tr><tr><td>Alejandro G. Schrott</td><td>10/17/2007</td></tr></tbody></table>	Name	Execution Date	Matthew J. Breitwisch	10/17/2007	Roger W. Cheek	10/17/2007	Eric A. Joseph	10/22/2007	Chung H. Lam	10/17/2007	Alejandro G. Schrott	10/17/2007	
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Alejandro G. Schrott	10/17/2007												
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													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11970207</td></tr></tbody></table>	Property Type	Number	Application Number:	11970207									
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CORRESPONDENCE DATA													
Fax Number: (516)742-4366 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 516-742-4343													
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Correspondent Name: SCULLY, SCOTT, MURPHY & PRESSER, P.C.													
Address Line 1: 400 GARDEN CITY PLAZA													
Address Line 2: SUITE 300													
Address Line 4: GARDEN CITY, NEW YORK 11530													
ATTORNEY DOCKET NUMBER:	YOR920070365US1(21329)												
NAME OF SUBMITTER:	Leslie S. Szivos												

CH \$40.00 11970207

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PATENT
REEL: 020327 FRAME: 0148

Total Attachments: 2

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ASSIGNMENT

Whereas, we

INVENTOR
AND CITY

and

and

and

and

(1) Matthew J. Breitwisch
County of Westchester
(2) Roger W. Cheek
County of Westchester
(3) Eric A. Joseph
County of Westchester
(4) Chung H. Lam
County of Westchester
(5) Alejandro G. Schrott
County of New York

of , Yorktown Heights
and State of, New York
of , Somers
and State of, New York
of , White Plains
and State of, New York
of , Peekskill
and State of, New York
of , New York
and State of, New York

have invented certain improvements in

TITLE

PHASE CHANGE MEMORY CELL WITH ELECTRODE

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

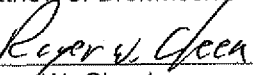
and executed, respectively, a United States patent application therefor on

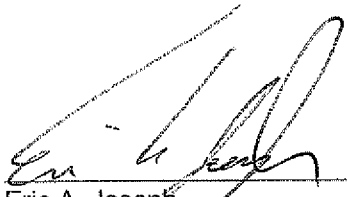
(1) 10/17, 2007, (2) 10/17, 2007,
(3) 10/22, 2007, (4) 10/17, 2007,
(5) 10/17, 2007.

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

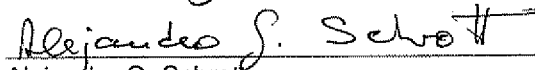

 Matthew J. Breitwisch
on 10/17, 2007

 Roger W. Cheek
on 10/17, 2007


Eric A. Joseph

on 10/22, 2007


Chung H. Lam

on 10/17, 2007


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