

PATENT ASSIGNMENT

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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>Lucien Mirabeau</td> <td>01/05/2005</td> </tr> <tr> <td>Charles S Cardinell</td> <td>01/05/2005</td> </tr> <tr> <td>Man Wah Ma</td> <td>01/06/2005</td> </tr> <tr> <td>Ricardo S Padilla</td> <td>01/05/2005</td> </tr> </tbody> </table>		Name	Execution Date	Lucien Mirabeau	01/05/2005	Charles S Cardinell	01/05/2005	Man Wah Ma	01/06/2005	Ricardo S Padilla	01/05/2005
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RECEIVING PARTY DATA											
Name:	International Business Machines (IBM) 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>11030477</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11030477						
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Application Number:	11030477										
CORRESPONDENCE DATA											
Fax Number:	(303)268-0065										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	D A Shifrin										
Total Attachments: 1 source=assmt#page1.tif											

CH \$40.00 11030477

ASSIGNMENT

IBM DOCKET: TUC920040107US1

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Whereas, we

<u>Lucien Mirabeau</u>	of	<u>Tucson</u>	County of	<u>Pima</u>	and State of	<u>Arizona</u>	and
<u>Charles S. Cardinell</u>	of	<u>Tucson</u>	County of	<u>Pima</u>	and State of	<u>Arizona</u>	and
<u>Man Wah Ma</u>	of	<u>Pleasanton</u>	County of	<u>Alameda</u>	and State of	<u>California</u>	and
<u>Ricardo S. Padilla</u>	of	<u>Tucson</u>	County of	<u>Pima</u>	and State of	<u>Arizona</u>	

have invented certain improvements in

MANAGEMENT OF MEMORY CONTROLLER RESET

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

(1) 1/5/2005 (2) 1/5/2005 (3) 1/6/2005 (4) 1-5-2005

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 patent to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 all rights of priority resulting from the filing of said United States application, and I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

at TUCSON Lucien Mirabeau
 on 1/5/2005 Lucien Mirabeau

at TUCSON Charles S. Cardinell
 on 1/5/2005 Charles S. Cardinell

at TUCSON Man Wah Ma
 on 1/6/2005 Man Wah Ma

at TUCSON Ricardo S. Padilla
 on 1-5-2005 Ricardo S. Padilla