

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>Gary W. Batchelor</td><td>09/30/2004</td></tr><tr><td>Brian J. Cagno</td><td>09/30/2004</td></tr><tr><td>Michael L. Harper</td><td>09/30/2004</td></tr><tr><td>Renee S. LaMar</td><td>09/30/2004</td></tr></tbody></table>		Name	Execution Date	Gary W. Batchelor	09/30/2004	Brian J. Cagno	09/30/2004	Michael L. Harper	09/30/2004	Renee S. LaMar	09/30/2004
Name	Execution Date										
Gary W. Batchelor	09/30/2004										
Brian J. Cagno	09/30/2004										
Michael L. Harper	09/30/2004										
Renee S. LaMar	09/30/2004										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>International Business Machines Corporation</td></tr><tr><td>Street Address:</td><td>New Orchard Road</td></tr><tr><td>City:</td><td>Armonk</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10504</td></tr></table>		Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504
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>10958967</td></tr></tbody></table>		Property Type	Number	Application Number:	10958967						
Property Type	Number										
Application Number:	10958967										
CORRESPONDENCE DATA											
Fax Number: (520)623-2418 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 520-770-8700											
Email: ktenant@quarles.com											
Correspondent Name: Quarles & Brady Streich Lang LLP											
Address Line 1: One South Church Avenue											
Address Line 2: Suite 1700											
Address Line 4: Tucson, ARIZONA 85701											
NAME OF SUBMITTER:	Antonio R. Durando										
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif											

CH 10958967 \$40.00

PATENT

REEL: 015434 FRAME: 0985

## ASSIGNMENT

Docket No. TUC920040083US1

INVENTOR  
AND CITY

(1) Gary W. Batchelor  
County of **Pima**

of **TUCSON**,  
and State of **Arizona**,

(2) Brian J. Cagno  
County of **Pima**

of **TUCSON**,  
and State of **Arizona**,

(3) Michael L. Harper  
County of **Pima**

of **TUCSON**,  
and State of **Arizona**,

(4) Renee S. LaMar  
County of **Pima**

of **TUCSON**,  
and State of **Arizona**,

have invented certain improvements in

TITLE

**COMMUNICATION BETWEEN LOGICAL MACROS**

DATE THAT  
INVENTOR  
SIGNED THE  
DECLARATION (1)

and executed, respectively, a United States Patent application therefor on  
SEPT 30, 2004

DATE THAT  
INVENTOR  
SIGNED THE  
DECLARATION (2)

and executed, respectively, a United States Patent application therefor on  
9/30/04, 2004

DATE THAT  
INVENTOR  
SIGNED THE  
DECLARATION (3)

and executed, respectively, a United States Patent application therefor on  
9/30/04, 2004

DATE THAT  
INVENTOR  
SIGNED THE  
DECLARATION (4)

and executed, respectively, a United States Patent application therefor on  
9/30/04, 2004

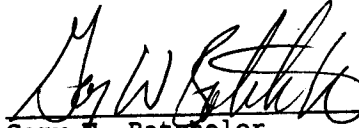
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, 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.

CITY  
DATE

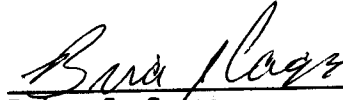
(1) at TUCSON, AZ  
on SEPT 30, 2004,

  
\_\_\_\_\_  
Gary W. Batchelor

SIGNATURE

CITY  
DATE

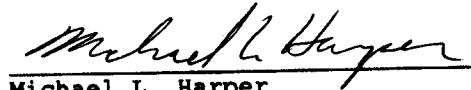
(2) at TUCSON, AZ  
on 9/30, 2004,

  
\_\_\_\_\_  
Brian J. Cagno

SIGNATURE

CITY  
DATE


(3) at TUCSON, AZ  
on 9/30, 2004,

  
\_\_\_\_\_  
Michael L. Harper

SIGNATURE

CITY  
DATE

(4) at TUCSON, AZ  
on 9/30, 2004,

  
\_\_\_\_\_  
Renee S. LaMar

SIGNATURE