

DOCKET: TUC920030195US1

RECORDATION FORM COVER SHEET
PATENTS ONLYUS Department of Commerce
Patent & Trademark Office

To the Honorable Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
HELENA CORNELIA BURTON
MICHAEL E FACTOR
TIMOTHY ALAN GRIFFIN
THOMAS CHARLES JARVIS
WILLIAM FRANK MICKA
YORAM NOVICK
GAIL ANDREA SPEAR
SAM CLARK WERNER

Additional name(s) of conveying party(ies) attached Yes **XX** No

2. Name and address of receiving party(ies):
Name: **International Business Machines Corporation**
Street Address: **New Orchard Road**
City: **Armonk** State: **NY** ZIP: **10504**
Additional name(s) & address(es) attached? Yes **XX** No

3. Nature of conveyance:

XX Assignment Execution Date: 04/16/04; 04/21/04; 04/16/04; 04/14/04; 04/21/04;
04/29/04; 04/16/04; 04/16/04

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/839,034

B. Patent No.(s)

Additional numbers attached? Yes **XX** No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Jean M. Barkley**
Address: **IBM Corporation**
Intellectual Property Law
9000 S. Rita Road(90A/9032)
Tucson, Arizona 85744

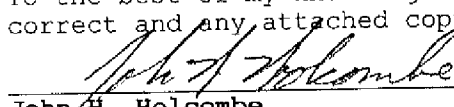
6. Total Number of applications and patents involved: One7. Total fee (37 CFR 3.41)..... \$ 40.00

Enclosed

XX Authorized to be charged to deposit account
(Duplicate Copy Attached)8. Deposit Account Number: 09-0449

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.


John H. Holcombe

Date

July 21, 2004Total number of pages including cover sheet, attachments, and document: /-7-/

PATENT

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ASSIGNMENT

Docket No. TUC920030195US1

Page 1 of 2

Whereas, we

INVENTOR
AND CITY(1) HELENA CORNELIA BURTON
County of Pimaof Vail,
and State of Arizona,(2) MICHAEL E FACTOR
Haifa, ISRAEL,

of

(3) TIMOTHY ALAN GRIFFIN
County of Pimaof Tucson,
and State of Arizona,(4) THOMAS CHARLES JARVIS
County of Pimaof Tucson,
and State of Arizona,(5) WILLIAM FRANK MICKA
County of Pimaof Tucson,
and State of Arizona,(6) YORAM NOVICK
Haifa, ISRAEL,

of

(7) GAIL ANDREA SPEAR
County of Pimaof Tucson,
and State of Arizona,(8) SAM CLARK WERNER
County of Pimaof Tucson,
and State of Arizona,

have invented certain improvements in

TITLE

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INVENTOR
SIGNED THE
DECLARATION

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

(1) Apr. 16, 2004; (2) _____, 2004; (3) 4/16/04, 2004;
(4) Apr. 14, 2004; (5) Apr. 21, 2004; (6) _____, 2004;
(7) April 16, 2004; (8) April 16, 2004;

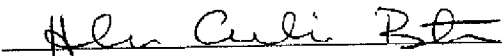
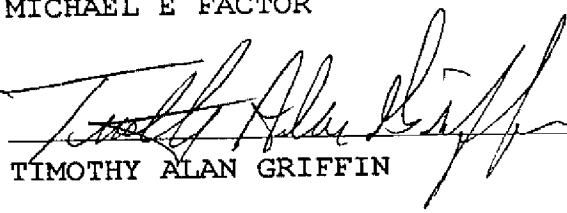

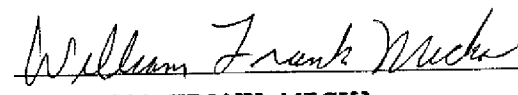

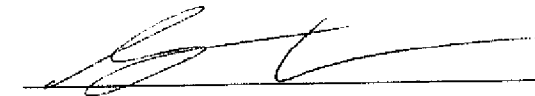
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

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Page 2 of 2

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.

Signed

CITY	(1) at Tucson, AZ		SIGNATURE
DATE	on 4-16, 2004	HELENA CORNELIA BURTON	INVENTOR
CITY	(2) at _____	_____	SIGNATURE
DATE	on _____, 2004	MICHAEL E FACTOR	INVENTOR
CITY	(3) at Tucson, AZ		SIGNATURE
DATE	on 4/16, 2004	TIMOTHY ALAN GRIFFIN	INVENTOR
CITY	(4) at Tucson, AZ		SIGNATURE
DATE	on Apr. 14 2004, 2004	THOMAS CHARLES JARVIS	INVENTOR
CITY	(5) at Tucson, AZ		SIGNATURE
DATE	on 4/21, 2004	WILLIAM FRANK MICKA	INVENTOR
CITY	(6) at _____	_____	SIGNATURE
DATE	on _____, 2004	YORAM NOVICK	INVENTOR
CITY	(7) at Tucson, AZ		SIGNATURE
DATE	on April 16, 2004	GAIL ANDREA SPEAR	INVENTOR
CITY	(8) at Tucson, AZ		SIGNATURE
DATE	on April 16, 2004	SAM CLARK WERNER	INVENTOR

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Docket No. TUC920030195US1
Page 1 of 2

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INVENTOR
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County of Pima

of Vail,
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County of Pima

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and State of Arizona,

(5) WILLIAM FRANK MICKA
County of Pima

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and State of Arizona,

(6) YORAM NOVICK
County of Santa Clara

of Cupertino,
and State of California,

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(4) _____, 2004; (5) _____, 2004; (6) April 29, 2004;
(7) _____, 2004; (8) _____, 2004;

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DATE	on _____, 2004	HELENA CORNELIA BURTON	INVENTOR
CITY	(2) at _____	_____	SIGNATURE
DATE	on _____, 2004	MICHAEL E FACTOR	INVENTOR
CITY	(3) at Tucson, AZ	_____	SIGNATURE
DATE	on _____, 2004	TIMOTHY ALAN GRIFFIN	INVENTOR
CITY	(4) at Tucson, AZ	_____	SIGNATURE
DATE	on _____, 2004	THOMAS CHARLES JARVIS	INVENTOR
CITY	(5) at Tucson, AZ	_____	SIGNATURE
DATE	on _____, 2004	WILLIAM FRANK MICKA	INVENTOR
CITY	(6) at Cupertino, CA	_____	SIGNATURE
DATE	on April 29, 2004	YORAM NOVICK	INVENTOR
CITY	(7) at Tucson, AZ	_____	SIGNATURE
DATE	on _____, 2004	GAIL ANDREA SPEAR	INVENTOR
CITY	(8) at Tucson, AZ	_____	SIGNATURE
DATE	on _____, 2004	SAM CLARK WERNER	INVENTOR

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Page 1 of 2

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Page 2 of 2

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DATE	on _____, 2004	HELENA CORNELIA BURTON	INVENTOR
CITY	(2) at Haifa, Israel		SIGNATURE
DATE	on April 21, 2004	MICHAEL E FACTOR	INVENTOR
CITY	(3) at Tucson, AZ	_____	SIGNATURE
DATE	on _____, 2004	TIMOTHY ALAN GRIFFIN	INVENTOR
CITY	(4) at Tucson, AZ	_____	SIGNATURE
DATE	on _____, 2004	THOMAS CHARLES JARVIS	INVENTOR
CITY	(5) at Tucson, AZ	_____	SIGNATURE
DATE	on _____, 2004	WILLIAM FRANK MICKA	INVENTOR
CITY	(6) at _____	_____	SIGNATURE
DATE	on _____, 2004	YORAM NOVICK	INVENTOR
CITY	(7) at Tucson, AZ	_____	SIGNATURE
DATE	on _____, 2004	GAIL ANDREA SPEAR	INVENTOR
CITY	(8) at Tucson, AZ	_____	SIGNATURE
DATE	on _____, 2004	SAM CLARK WERNER	INVENTOR