

To the Assistant Commissioner for Patent	4124nts or copy thereof.
Name of conveying party(ies): The conveying party(ies):	2. Name and address of receiving party(ies): Name: International Business Machines Corporation 7. Address of receiving party(ies): 7. Address of receiving party(ies): 8. Address of receiving party(ies): 9. Address of receiving party
Additional names of conveying party(ies) attached? ☐ yes ☑ no	Internal Address:
3. Nature of Conveyance	Street Address: New Orchard Road
□ Merger □ Security Agreement □ Change of Name □ Other	City
Execution Date: 1) September 15, 2003 2) September 15, 2003 3) September 12, 2003	Additional numbers of address (cs) and ched:
4. Application number(s) or patent number(s): TITLE: COMPUTER APPLICATION AND METHODS FOR OPERATING SYSTEMS AND APPLICATION SOFT If this document is being filed together with a new application, the (2) September 15, 2003; and (3) September 12, 2003.	
A. Patent Application No(s).	B. Patent No(s).
Docket No. ROC920030111US1	
Additional numbers	s attached? Yes No
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:
James R. Nock	7. Total fee (37 CFR 3.41): \$_40.00
IBM Corporation - Dept. 917	□ Enclosed
3605 Highway 52 North Rochester, MN 55901-7829	 ⊠ Authorized to be charged to deposit account ⊠ Total fee due △ Any deficiencies in the enclosed fees
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Statement and signature To the best of my knowledge and belief, the foregoing information	n is true and correct and any attached copy is a true copy of the original
document.	and Make
	September 18, 2003 Date
E LINELLER 90000108 990465 10665656	Total number of pages comprising cover sheet: 1

ASSIGNMENT

Whereas, we

(1) Carol Ann Egan County of Olmsted City of Rochester, and State of Minnesota.

(2)Earl Walter Emerick County of Olmsted

City of Rochester, and State of Minnesota.

(3)Thomas Alan Shore County of Olmsted

City of Rochester, and State of Minnesota,

have invented certain improvements in

COMPUTER APPLICATION AND METHODS FOR AUTONOMIC UPGRADE MAINTENANCE OF COMPUTER HARDWARE, OPERATING SYSTEMS AND APPLICATION SOFTWARE

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

Dates Inventors

(1) September 15

, 2003, (2) September 15 , 2003, and

Signed

(3) September 12

, 2003.

Declaration

And 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 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 invention 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

Inventor **(1)**

at____ Rochester, Minnesota

(Carol Ann Egan) Inventor Signature

Signature

9/15 ,2003.

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PATENT

REEL: 014533 FRAME: 0358

Inventor
(2)

at Rochester, Minnesota
(Earl Walter Emerick)
First Name Initial Last Name

on 9/15/

Inventor
(3)

Rochester, Minnesota
(Thomas Alan Shore)
First Name Initial Last Name

On Signature

First Name Initial Last Name

RECORDED: 09/18/2003