

10-10-2003



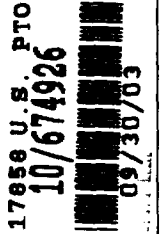
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9.30.03

1. Name of conveying party(ies): Michael Clause Olsen Frederick Douglis Thomas Richard Hildner Marcel-Catalin Rosu		2. Name and address of receiving party(ies): Name: International Business Machines Corporation Street: New Orchard Road City: Armonk State: NY ZIP: 10504	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment		Execution Date(s): September 25, 26 & 29, 2003	
4. Application number(s) or patent number(s): 10674926 If this document is being filed together with a new application, the execution date of the application is: <div style="border: 1px solid black; padding: 2px; display: inline-block;">September 30, 2003</div>			
A. Patent Application No(s):		B. Patent No.(s):	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Michael J. Buchenhorner Firm Name: Holland & Knight LLP Street Address: 701 Brickell Avenue, Suite 3000 City: Miami State: Fla. ZIP: 33131		6. Total number of applications and patents involved: ONE 7. Total fee (37 CFR 3.41).....\$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account	
		8. Deposit Account Number: 50,0510	
10/09/2003 ECDOPER 00000110 500510 10674926 01 FC:0021 40.00 DA		DO NOT USE THIS SPACE	
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. Attorney/Agent: <u>Michael J. Buchenhorner</u> Date: September 30, 2003 Michael J. Buchenhorner, Reg.No. 33,162 Total number of pages including cover sheet, attachment(s), and document: <div style="border: 1px solid black; padding: 2px; display: inline-block;">3</div>			



Assignment

Whereas, I

INVENTOR AND COUNTY:	(1) Claus Michael Olsen County: Westchester	City of: Cortlandt Manor State: New York
INVENTOR AND COUNTY:	(1) Frederick Douglass County: Somerset	City of: Basking Ridge State: New Jersey
INVENTOR AND COUNTY:	(1) Thomas Richard Hildner County: Wake	City of: Cary State: North Carolina
INVENTOR AND COUNTY:	(1) Marcel-Catalin Rosu County: Westchester	City of: Ossining State: New York

have invented certain improvements in

TITLE: **Apparatus for Reducing Accesses to Levels of a Storage Hierarchy in a Computing System**

and executed, respectively, a United States patent application therefor on the following date(s):

DATE THAT
INVENTOR
SIGNED THE
DECLARATION

(1) 9/25/2003
(3) 9/27/2003

(2) 9/25/2003
(4) 09/26/2003


Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Yorktown Heights, New York 10598, (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 applications 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
DATE

(1) at Hawthorne,
on 9/25/2003,


Claus Michael Olsen

CITY (1) at Hawthorne, NJ,
DATE on 9/25/2003,

Frederick Douglass
Frederick Douglass

CITY (1) at RESEARCH TRIANGLE PARK, NC,
DATE on 9/29/2003,

Thomas R. Hildner
Thomas Richard Hildner

CITY (1) at Hawthorne,
DATE on 09/26/2003,

Marcel-Catalin Rosu
Marcel-Catalin Rosu

MIA1 #1248057 v1