



Substitute Form PTO -1595	102201195 PATENTS ONLY	Attorney Docket No. GB920010057US1
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To The Honorable Commissioner of Patents and trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Norman Apperley Matthew John Fairhurst Carlos Francisco Fuente William James Scales	<i>08-19-02</i> Execution date: May 13, 2002 May 13, 2002 May 13, 2002 May 13, 2002
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2. Name and address of receiving party(ies): International Business Machines Corporation New Orchard Road Armonk, New York 10504	3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name
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4. Application number(s) or patent number(s): <input type="checkbox"/> New Patent Application, execution date of application <input checked="" type="checkbox"/> Patent Application Number: <u>10/143,077</u> <input type="checkbox"/> Patent Number: _____	Execution/Filing/Issue Date _____ Execution Date <u>May 10, 2002</u> Filing Date _____ Issue Date
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5. Name and address of party to whom correspondence concerning document should be mailed: Customer No. 28722 Andrew J. Dillon Bracewell & Patterson, L.L.P. 7600B N. Capital of Texas Highway Lakewood on the Park, Suite 350 Austin, Texas 78731 (512) 343-6116	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 3.41)..... \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to charge any deficiency to deposit account
8. Deposit account number: <u>09-0466</u> (Attach duplicate copy of this page if paying by deposit account)	

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9. Statement and signature <i>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.</i>	
James E. Boice Name of Person Signing	 Signature
August 14, 2002 Date	
Total number of pages including cover sheet, attachments, and documents: 3	

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 013210 FRAME: 0755

ASSIGNMENT

Whereas, we,

- (1) Norman Apperley, of Chandlers Ford, Hampshire, Great Britain;
- (2) Matthew John Fairhurst of Winchester, Hampshire, Great Britain;
- (3) Carlos Francisco Fuente of Portsmouth, Hants, Great Britain; and
- (4) William James Scales, of Portchester, Fareham, Hampshire, Great Britain

have invented certain improvements in

DATA STORAGE ARRAY METHOD AND SYSTEM

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) 13 May, 2002; (2) 13 May, 2002; (3) 13 May, 2002 and (4) 13 May, 2002.

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.

(1) Signed at Hursley, England on 13 May, 2002.

Norman Apperley
NORMAN APPERLEY

(2) Signed at HURSLEY, ENGLAND on 13th MAY, 2002.

M J Fairhurst.
MATTHEW JOHN FAIRHURST

(3) Signed at HURSLEY, ENGLAND on 13th MAY, 2002.

Carlos Francisco
CARLOS FRANCISCO FUENTE

(4) Signed at HURSLEY, ENGLAND on 13th MAY, 2002.

WJ Scales
WILLIAM JAMES SCALES