

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
EFFECTIVE DATE:	12/22/2004										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Robert F. Buxton</td><td>12/01/2004</td></tr><tr><td>Richard M. W. Harran</td><td>12/08/2004</td></tr><tr><td>Andrew I. Hickson</td><td>12/01/2004</td></tr><tr><td>Ian W. Parkinson</td><td>12/03/2004</td></tr></tbody></table>		Name	Execution Date	Robert F. Buxton	12/01/2004	Richard M. W. Harran	12/08/2004	Andrew I. Hickson	12/01/2004	Ian W. Parkinson	12/03/2004
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Robert F. Buxton	12/01/2004										
Richard M. W. Harran	12/08/2004										
Andrew I. Hickson	12/01/2004										
Ian W. Parkinson	12/03/2004										
RECEIVING PARTY DATA											
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>11005818</td></tr></tbody></table>		Property Type	Number	Application Number:	11005818						
Property Type	Number										
Application Number:	11005818										
CORRESPONDENCE DATA											
Fax Number: (919)254-4330 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 919-254-9418											
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Address Line 2: T81/503											
Address Line 4: Res. Tri. Park, NEW YORK 27709											
NAME OF SUBMITTER:	Stephen A. Calogero										
Total Attachments: 3											

CH \$40.00 11005818

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PATENT  
REEL: 015480 FRAME: 0734

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**ASSIGNMENT**

*Whereas, we*

*-1* Robert F. Buxton

*of:* Hampshire, United Kingdom

*and (2)* Richard M. W. Harran

*of:* Hampshire, United Kingdom

*and (3)* Andrew I Hickson

*of:* Hampshire, United Kingdom

*and (4)* Ian W. Parkinson

*of:* Hampshire, United Kingdom

have invented certain improvements in

**Browsing a List of Data Items**

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

*-1 12/1/04*

*-2 12/8/04*

*-3 12/1/04*

*-4 12/3/04*

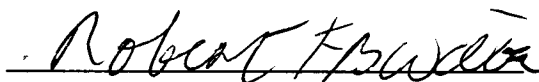
And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

**IBM Docket No.:** GB920030064US1

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 AND SEALED

(1) at: HURLEY  
on: 1 DEC 2004



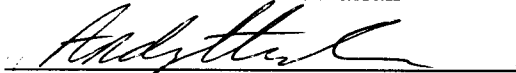
Robert F. Buxton

and (2) at: HURLEY  
on: 8 DEC 2004



Richard M. W. Harran

and (3) at: HURLEY  
on: 1 DEC 2004



Andrew I. Hickson

and (4) at: HURLEY  
on: 3 DEC 2004



Ian W. Parkinson