

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Stephen J. Hobson</td> <td>07/15/2004</td> </tr> <tr> <td>Stephen J. Todd</td> <td>07/15/2004</td> </tr> </tbody> </table>		Name	Execution Date	Stephen J. Hobson	07/15/2004	Stephen J. Todd	07/15/2004
Name	Execution Date						
Stephen J. Hobson	07/15/2004						
Stephen J. Todd	07/15/2004						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	International Business Machines Corporation						
<b>Street Address:</b>	New Orchard Road						
<b>City:</b>	Armonk						
<b>State/Country:</b>	NEW YORK						
<b>Postal Code:</b>	10504						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10914705</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10914705		
Property Type	Number						
Application Number:	10914705						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(919)254-4330						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	919-254-9418						
<b>Email:</b>	dupont@us.ibm.com						
<b>Correspondent Name:</b>	Stephen A. Calogero						
<b>Address Line 1:</b>	3039 Cornwallis Road						
<b>Address Line 2:</b>	T81/503						
<b>Address Line 4:</b>	Res. Tri. Pk, NORTH CAROLINA 27709						
<b>NAME OF SUBMITTER:</b>	Stephen Calogero						
<b>Total Attachments: 3</b> source=GB920030089US1#page1.tif source=GB920030089US1#page2.tif source=GB920030089US1#page3.tif							

CH \$40.00 10914705

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF  
COMMERCE  
Patent and Trademark Office

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

1. Name(s) of conveying party/parties:	2. Name and address of receiving party
--	--

1) Stephen J. Hobson      2) Stephen J. Todd

International Business Machines Corporation  
New Orchard Road  
Armonk, New York 10504

Additional Names Attached?      Yes            No

3. Nature of Conveyance
-------------------------

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other:	

Execution Date(s):      July 15, 2004

Additional Names Attached?            Yes            No

4. Application number(s) or patent number(s): <b>10/914,705 FILED AUGUST 9, 2004</b>
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If this document is being filed with a new application, the execution date of the application is:      July 15, 2004

A. Patent Application No(s)

B. Patent No(s)

Additional Numbers Attached?      Yes            No

5. Name and Address of party to whom correspondence concerning the document should be sent:	6. Total Number of applications and patents involved:	1
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Name:      Stephen A. Calogero

Internal Address:

IBM Corporation, T81/503

Street Address:

PO Box 12195

City/State/Zip:      Res. Tri. Park, NC 27709

7. Total fee (37 CFR 3.41) .....\$	40
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<input type="checkbox"/> Enclosed
<input checked="" type="checkbox"/> Charge to deposit account

8. Deposit account Number: <b>09-0461</b>
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(Attach duplicate copy of this page if paying by deposit account)

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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.
--

Stephen A. Calogero

Name of Person Signing

  
Signature

August 24, 2004

Date

Total Number of pages including cover sheet, attachments and document     

Mail documents to be recorded with required cover sheet information to: Commissioner for Patents; PO Box 1450; Alexandria, VA 22313-1450
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**ASSIGNMENT**

*Whereas, we*

-1 Stephen J. Hobson

*of:* Hampton, United Kingdom

*and (2)* Stephen J. Todd

*of:* Winchester, United Kingdom

have invented certain improvements in

**A Method, Apparatus and Computer Program for  
Retrieving Data**

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

-1 7/15/04

-2 7/15/04

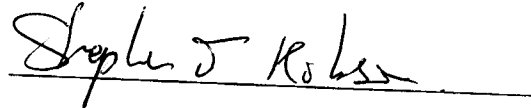
And whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

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: WINCHESTER

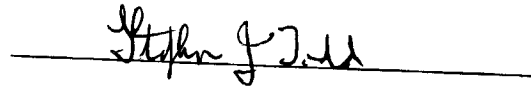
on: 15 JULY 2004



Stephen J. Hobson

and (2) at: WINCHESTER

on: 15 July 2004



Stephen J. Todd