



02-08-2005



13105
I documents or the new address(es) below.

To the Director of the U.S. Patent

102936121

1. Name of conveying party(ies)/Execution Date(s).

(1) David L. NEWBOLD
(2) Tolga ORAL
(3) Andrew L. SCHIRMER
(4) Martin M. WATTENBERG
(5) Michael BOLIN

(1) 12/17/04 (2) 12/17/04

Execution Date(s) (3) 12/16/04 (4) 01/05/05 (5) 01/06/05

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: IBM Corporation

Internal Address: _____

Street Address: _____

City: Armonk

State: New York

Country: United States of America Zip: 10504

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)
10/910,568

☐ This document is being filed together with a new application.
B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: PILLSBURY WINTHROP LLP

Internal Address: _____

Street Address: 1600 Tysons Blvd.

City: McLean

State: VA Zip: 22102

Phone Number: (703) 905-2000

Fax Number: (703) 905-2500

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

ATTORNEY DOCKET NO. 042846-0312882

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 033975

Authorized User Name PILLSBURY WINTHROP LLP

9. Signature:

Bradford C. Blaise
Signature

January 31, 2005

Date

Bradford C. Blaise, Reg. No. 47,429

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

7

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

02/07/2005 6TOM11 00000170 033975 10910568

01 FC:8021 40.00 DA

PATENT
REEL: 016227 FRAME: 0173

ASSIGNMENT

WHEREAS, **David L. Newbold**, a citizen of the United States of America, residing at 47 Vermont Street, West Roxbury, MA; **Tolga Oral**, a citizen of Turkey, residing at 174 Summer Street, Apt. 16, Arlington, MA; **Andrew L. Schirmer**, a citizen of the United States of America, residing at 12 Fairfax Drive, Andover, MA; **Martin M. Wattenberg**, a citizen of the United States of America, residing at 50 Allen Road, Winchester, MA and **Michael Bolin**, a citizen of the United States of America, residing at 2 Hollis Road, East Brunswick, NJ; (hereinafter "Assignors"), have made an invention entitled

**"SYSTEM AND METHOD FOR PROVIDING MULTI-VARIABLE DYNAMIC SEARCH RESULTS
VISUALIZATIONS"**

described in an application for United States Letters Patent filed on August 4, 2004 and assigned U.S. Serial No. 10/910,568, and

WHEREAS, **IBM Corporation** (hereinafter "Assignee"), a New York corporation having a place of business at **Armonk, New York 10504**, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention, application and all Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes and divisions which may be granted therefor;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said Assignors, by these presents do sell, assign and transfer unto Assignee, its successors, legal representatives and assigns, the full and exclusive right in and to the said invention as described in the said application, and in and to any Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes


and divisions which may be granted therefor and all rights to claim priority on the basis of said application;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to issue all said Letters Patent to said Assignee;

AND WE HEREBY warrant and covenant that we have the full right to convey the entire interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND WE HEREBY agree to communicate to said Assignee or its representatives any facts known to us respecting said invention, to execute all divisional, continuation, reissue, reexamination, extension, substitute and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said Assignee.

Signature of Inventor:
Inventor's Name:



David L. Newbold

Date of Execution:

DEC. 17, 2004

Signature of Inventor:
Inventor's Name:

Tolga Oral

Date of Execution:

and divisions which may be granted therefor and all rights to claim priority on the basis of said application;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to issue all said Letters Patent to said Assignee;

AND WE HEREBY warrant and covenant that we have the full right to convey the entire interest herein assigned and that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND WE HEREBY agree to communicate to said Assignee or its representatives any facts known to us respecting said invention, to execute all divisional, continuation, reissue, reexamination, extension, substitute and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said Assignee.

Signature of Inventor:
Inventor's Name:

David L. Newbold

Date of Execution:

Signature of Inventor:
Inventor's Name:

Tolga Oral

Date of Execution:

17 DECEMBER 2009

Signature of Inventor:

Inventor's Name:



Andrew L. Schirmer

Date of Execution:

16 December 2004

Signature of Inventor:

Inventor's Name:

Martin M. Wattenberg

Date of Execution:

Signature of Inventor:

Inventor's Name:

Michael Bolin

Date of Execution:

Signature of Inventor:
Inventor's Name:

Andrew L. Schirmer

Date of Execution:

Signature of Inventor:
Inventor's Name:



Martin M. Wattenberg

Date of Execution:

5 Jan. 2005

Signature of Inventor:
Inventor's Name:

Michael Bolin

Date of Execution:

Signature of Inventor:
Inventor's Name:

Andrew L. Schirmer

Date of Execution:

Signature of Inventor:
Inventor's Name:

Martin M. Wattenberg

Date of Execution:

Signature of Inventor:
Inventor's Name:



Michael Bolin

Date of Execution: