

12-13-2004  
102900498  
RECORDATION FOR

HEET

PATENTS ONLY

16800 U.S. PTO  
11/004412  
120404

12.04.04  
To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Conveying parties:

<u>Names of conveying parties:</u>	<u>Execution Dates:</u>
Ziv Bar-Yossef	12/01/2004
Tapas Kanungo	12/03/2004
Robert Krauthgamer	11/30/2004

2. Name and address of receiving party:

International Business Machines Corporation  
New Orchard Road  
Armonk, NY 10504

3. Nature of conveyance: Assignment

4. Application number: 10/\_\_\_\_\_ Docket No. ARC920040067US1  
If this Assignment is being filed together with a new application, enter the execution date of the application (date Declaration signed by first named inventor): 12/01/2004

5. Name and address of party to whom correspondence concerning Assignment should be mailed:

Samuel A. Kassatly  
20690 View Oaks Way  
San Jose, CA 95120  
Tel: (408) 323-5111  
Fax: (408) 521-0111

6. Total number of applications involved: 1

7. Total fee (37 CFR 3.41) = \$40.00

8. Charge fee to Deposit Account No. 09-0441

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.

Samuel A. Kassatly



12/04/2004

Attorney Name

Signature of Attorney

Date

12/13/2004 NGETACHE 00000004 090441 11004412

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PATENT  
REEL: 016053 FRAME: 0969

**ASSIGNMENT**

Whereas, we,

- ////////////////////////////////////
- (1) Name: Ziv Bar-Yossef  
City/State of: Ra'annana  
County/Country of: Israel
- (2) Name: Tapas Kanungo  
City/State of: San Jose, CA  
County/Country of: Santa Clara
- (3) Name: Robert Krauthgamer  
City/State of: Albany, CA  
County/Country of: Alameda
- (4) Name:  
City/State of:  
County/Country of:
- ////////////////////////////////////

have invented certain improvements in:

**"SYSTEM, METHOD, AND SERVICE FOR USING A FOCUSED RANDOM WALK TO  
PRODUCE SAMPLES ON A TOPIC FROM A COLLECTION OF HYPER-LINKED PAGES"**

and executed a Declaration and Power of Attorney for a United States patent application therefor on:

- (1) Date: \_\_\_\_\_
- (2) Date: 3 Dec 2004
- (3) Date: \_\_\_\_\_
- (4) Date: \_\_\_\_\_

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, 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 application 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.

## ASSIGNMENT

Execution by Inventors:

(1) Name: Ziv Bar-Yossef

City/State

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

(2) Name: Tapas Kanungo

City/State

Signature: 

Date: 3 Dec 2004  
San Jose, CA

(3) Name: Robert Krauthgamer

City/State

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

(4) Name:

City/State

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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       County/Country of:   Israel
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       City/State of:        San Jose, CA  
       County/Country of:   Santa Clara
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- (1)    Date: \_\_\_\_\_
- (2)    Date: \_\_\_\_\_
- (3)    Date: Nov. 30, 2004
- (4)    Date: \_\_\_\_\_

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City/State

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

(2) Name: Tapas Kanungo

City/State

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

(3) Name: Robert Krauthgamer

City/State

Signature:  \_\_\_\_\_

Date: Nov. 30, 2004

(4) Name:

City/State

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**ASSIGNMENT**

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- (1) Date: 12/11/07 
- (2) Date: \_\_\_\_\_
- (3) Date: \_\_\_\_\_
- (4) Date: \_\_\_\_\_

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Execution by Inventors:

(1) Name: Ziv Bar-Yossef

City/State

Ra'anana, ISRAEL

Signature:                     

Date:                     

12/1/04

(2) Name: Tapas Kanungo

City/State

Signature:                     

Date:                     

(3) Name: Robert Krauthgamer

City/State

Signature:                     

Date:                     

(4) Name:                     

City/State

Signature:                     

Date: