

## U.S. PATENT AND TRADEMARK OFFICE

Form PTO-1595

U.S. Department of Commerce

## RECORDATION FORM COVER SHEET - PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

A) Joseph P. Betz I)  
 B) Sean J. Martin J)  
 C) Yan Pritzker K)  
 D) Benjamin H. Szekely L)  
 E) Robert Y. Wang M)  
 F)  N)  
 G)  O)  
 H)  P)

## 2. Name and address of receiving party(ies):

Name: INTERNATIONAL BUSINESS  
 MACHINES CORPORATION  
 Address: New Orchard Road  
 Armonk, NY 10504

More names attached? Y x NMore names attached? Y x N3. Nature of Conveyance: x Assignment

4. Application number: 11/105,698 Filed: 4/14/2005  
 Filed with new application: yes X no

## Execution date(s):

a) March 29, 2005 i)  
 b) March 29, 2005 j)  
 c) March 29, 2005 k)  
 d) March 29, 2005 l)  
 e) April 1, 2005 m)  
 f)  n)  
 g)  o)  
 h)  p)

Additional numbers attached? Y x N

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

Name: John E. Campbell  
 IBM Corporation  
 Intellectual Property Law  
 2455 South Road, P386  
 Poughkeepsie, New York 12601  
 Fax: 845-432-9601

6. Total # of applications and patents involved: 01

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

8. Charge to Deposit Account  
 09-0463 (IBM).

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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.

Signature

Date

Total number of pages including cover sheet, attachments, and document: 5

Express Mail Label No.

Docket No.: POU920040152US1

PATENT

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REEL: 016918 FRAME: 0193

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P 4/5

Docket No.: POU920040152US1

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**A S S I G N M E N T**

Whereas, We

Inventor	(1) Joseph P. Betz	of Arlington
	County of Middlesex	State of Massachusetts
Inventor	(2) Sean J. Martin	of Boston
	County of Suffolk	State of Massachusetts
Inventor	(3) Yan Pritzker	of Chicago
	County of Cook	State of Illinois
Inventor	(4) Benjamin H. Szekely	of Boston
	County of Suffolk	State of Massachusetts
Inventor	(5) Robert Y. Wang	of Suwanee
	County of Gwinnett	State of Georgia

have invented certain improvements in **PAGE RANK FOR THE SEMANTIC WEB QUERY**

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

(1) 3/14/05	(2) 29th March 2005
(3) <del>3/20/05</del>	(4) 3/29/05
(5) 4/1/05	

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, and, 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 and Trademarks to issue any Letters Patent granted upon the inventions 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.

**PATENT****REEL: 016918 FRAME: 0194**

1970-01-01 14:49

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&gt;&gt; 918434329100

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POU920040152US1 Page 2 of 2

## Signed

- (1) at Cambridge, MA  
on 5/29/05
- (2) at Cambridge  
on 3/29/05
- (3) at \_\_\_\_\_  
on \_\_\_\_\_
- (4) at CAMBRIDGE, MA  
on 3/29/05
- (5) at Cambridge, MA  
on 4/1/05

Joseph P. Betz  
Joseph P. Betz

Sean J. Martin  
Sean J. Martin

\_\_\_\_\_  
Yan Pritzker

Benjamin H. Szekely  
Benjamin H. Szekely

Robert Y. Wang  
Robert Y. Wang

Docket No.: POU920040152US1

Page 1 of 2

## ASSIGNMENT

Whereas, We

Inventor (1) **Joseph P. Betz** of Arlington  
County of Middlesex State of Massachusetts

Inventor (2) **Sean J. Martin** of Boston  
County of Suffolk State of Massachusetts

Inventor (3) **Yan Pritzker** of Chicago  
County of Cook State of Illinois

Inventor (4) **Benjamin H. Szekely** of Boston  
County of Suffolk State of Massachusetts

Inventor (5) **Robert Y. Wang** of Suwanee  
County of Gwinnett State of Georgia

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(3) 3/29/05 . (4) .

(5)

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, and, 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 and Trademarks to issue any Letters Patent granted upon the inventions 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**

(1) at \_\_\_\_\_

on \_\_\_\_\_ **Joseph P. Betz**

(2) at \_\_\_\_\_

on \_\_\_\_\_ **Sean J. Martin**

(3) at *Chicago, IL* *Jan PA* \_\_\_\_\_

on *3/29/05* \_\_\_\_\_ **Yan Pritzker**

(4) at \_\_\_\_\_

on \_\_\_\_\_ **Benjamin H. Szekely**

(5) at \_\_\_\_\_

on \_\_\_\_\_ **Robert Y. Wang**