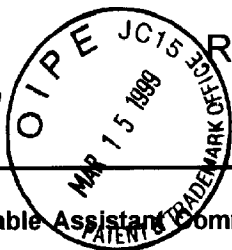


03-26-1999

MRD
3-15-99



RECORDAT



100994494

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

1. Name(s) of conveying party:

Soumen Chakrabarti
Byron Edward Dom
Martin Henk van den Berg

2. Name and address of receiving party:

International Business Machines Corporation
New Orchard Road
Armonk, NY 10504

3. Nature of conveyance: Assignment

Execution Date: (1) January 25, 1999 (2) March 3, 1999 (3) February 12, 1999

4. Application number:

Docket No.: AM9-98-129

If this Assignment is being filed together with a new application, enter the execution date of the application (date Declaration signed): (1) January 25, 1999 (2) March 3, 1999 (3) February 12, 1999

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

John L. Rogitz
Rogitz & Associates
750 B Street, Suite 3120
San Diego, CA 92101

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.

John L. Rogitz
Attorney Name

[Signature]
Signature of Attorney

3/10/99
Date

03/19/1999 00000002 090441 09239921

02 FC:581 40.00 CH

ASSIGNMENT

Whereas, we,

(1) **SOUMEN CHAKRABARTI**

City of **San Jose**

County of **Santa Clara**

State of **California**

(2) **BYRON EDWARD DOM**

City of **Los Gatos**

County of **Santa Clara**

State of **California**

(3) **MARTIN HENK van den BERG**

City of **Palo Alto**

County of **Santa Clara**

State of **California**

have invented certain improvements in *(Title of Invention)*:

SYSTEM AND METHOD FOR FOCUSSED WEB CRAWLING

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

(1) January 25, 1999

(2) March 3, 1999

(3) _____

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 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.

Execution by Inventors

(1) Inventor: **Soumen Chakrabarti**

City/State: **San Jose, CA**

Signature Soumen Chakrabarti

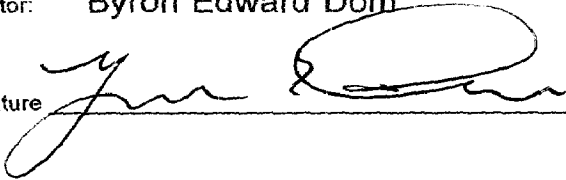
Date 25 JAN 1999

ASSIGNMENT

(2) Inventor: **Byron Edward Dom**

City/State: San Jose, CA

Signature



Date March 3, 1999

(3) Inventor: **Martin Henk van den Berg**

City/State:

Signature _____

Date _____

ASSIGNMENT

Whereas, we,

- (1) SOUMEN CHAKRABARTI
City of San Jose County of Santa Clara State of California
- (2) BYRON EDWARD DOM
City of Los Gatos County of Santa Clara State of California
- (3) MARTIN HENK van den BERG
City of Palo Alto County of Santa Clara State of California

have invented certain improvements in *(Title of Invention)*:

SYSTEM AND METHOD FOR FOCUSSED WEB CRAWLING

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

- (1) _____ (2) _____
- (3) February 12, 1999

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 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.

Execution by Inventors

- (1) Inventor: Soumen Chakrabarti City/State: _____
- Signature _____ Date _____

ASSIGNMENT

(2) Inventor: **Byron Edward Dom**


City/State:

Signature _____

Date _____

(3) Inventor: **Martin Henk van den Berg**

City/State:

Signature  _____

Date 62 / 12 / 1999