

MRJ
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Attorney Docket No: AM9-99-038

101199321

ASSIGNMENT COVER SHEET
FOR ASSIGNMENT OF PATENT

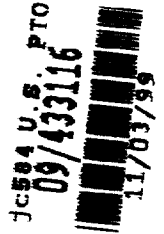
To the Hon. Commissioner of Patents and Trademarks:

Please record the enclosed copy of an assignment document. Relevant assignment data are as follows:

1. Assignors:

Reiner Kraft
9406 Wetsand Court
Gilroy, CA 95020

Michael Lawrence Emens
6530 Korematsu Court
San Jose, CA 95120



2. Assignee:

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

3. Execution Date of Assignment of Entire Interest in Patent Application: **28 October 1999**

4. Execution Date of Declaration for Patent Application: **28 October 1999**

4A. Patent Application No.: **09/433116**

4B. Patent Number:

5. Correspondence address: **Thomas J. McFarlane**
LUMEN
426 Lowell Avenue
Palo Alto, CA 94301

6. Total Number of applications and Patents involved: **1**

7. Total fee (37 CFR 3.41): **\$40**

8. Statement and signature:

To the best of my knowledge and belief, the information contained herein is true and correct, and any attached copy is a true copy of the original document.

Thomas J. McFarlane
Reg. No. 39,299

Date: **11/3/99**
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Total number of pages including cover sheet, attachments, and document: **2**

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ASSIGNMENT

Whereas, I, **Reiner Kraft**
City of **Gilroy**
County of **Santa Clara**
State of **California**

Whereas, I, **Michael Lawrence Emens**
City of **San Jose**
County of **Santa Clara**
State of **California**

have invented certain improvements in (Title of Invention):

Network Repository Service Directory for Efficient Web Crawling

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

1. October 22, 1999

2. October 28, 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, 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.

Execution by Inventor

Inventor: **Reiner Kraft**


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

Signature 

Date 12/10/99

Inventor: **Michael Lawrence Emens**

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

Signature 

Date 10-28-99