

SEP 05 2001

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09-14-2001

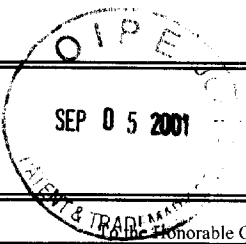


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Execution Dates: **July 20, 2001 and July 26, 2001**

2. Name and address of receiving party(ies)

Name: **International Business Machines Corporation**

Internal Address:

Street Address: **New Orchard Road**

City: **Armonk** State: **NY** ZIP: **10504**

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

09/898,289

Additional numbers attached? ___ Yes X No

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

Name: **William E. Lewis**

Internal Address: **Ryan, Mason & Lewis, LLP**

Street Address: **90 Forest Avenue**

City: **Locust Valley** State: **NY** ZIP: **11560**

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)..... \$ 40.00

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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.

William E. Lewis

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September 5, 2001

Date

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PATENT
REEL: 012147 FRAME: 0837

ASSIGNMENT

Whereas, we

Inventor
and City(1) **Geoffrey G. Zweig**
County of Fairfieldof Greenwich
and State of Connecticutand (2) **Mukund Padmanabhan**
County of Westchesterof White Plains
and State of New York

have invented certain improvements in

TITLE

**INFORMATION EXTRACTION FROM DOCUMENTS
WITH REGULAR EXPRESSION MATCHING**

described in United States patent application Serial No. 09/898,289, filed on July 3, 2001 and executed on

DATE THAT
INVENTORS
SIGNED THE
DECLARATION

(1) 7/20/2001 and (2) 7/24/2001.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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.

CITY and DATE Signed
(1) at Yorktown Heights, NY on 7/20/2001, Geoffrey G. Zweig SIGNATURE
(Geoffrey G. Zweig) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and DATE Signed
(2) at Yorktown Heights, NY on 7/26/2001, Mukund Padmanabhan SIGNATURE
(Mukund Padmanabhan) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

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RECORDED: 09/05/2001**PATENT
REEL: 012147 FRAME: 0838**