

02/09/00

03-17-2000

Altera Docket No. 501.316US01

Form PTO 1595

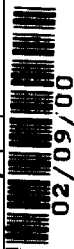
U.S. Department of Commerce

Patent and Trademark Office



101292820

jc525 U.S. PTO
09/500725



To the Honorable Commissioner of Patents and

you are required to file the attached original documents or copy thereof

1. Name of conveying party(ies)

- 1. Edward F. Chatcavage
- 2. Reinhard H. Hohensee
- 3. Guy L. Johnston
- 4. Ronald D. Parrish
- 5. Arthur R. Roberts

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

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

Additional names(s) of conveying party(ies) Yes No

Additional name(s) & addresses attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: January 24, 2000

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: January 24, 2000

A. Patent Application Number(s)

Patent Number(s)

09/500725

Additional numbers attached? Yes No

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

Name: David W. Lynch
Address: Altera Law Group
10749 Bren Road East, Opus 2
Minneapolis, Minnesota 55343-9056

6. Total number of applications and patents involved: One

7. Total fee (37 C.F.R. §3.41) 40.00

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to charged to deposit account

8. Deposit Account number: 50-1038

03/16/2000 DCOATES 00000123 09500725

01 FC:581

(40.00 DP)

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.

David W. Lynch
Name of Person Signing

Signature

February 9, 2000
Date

Total number of pages including cover sheet, attachments, and document: 3

PATENT ASSIGNMENT TO CORPORATION WORLDWIDE

WHEREAS,

1. Edward F. Chatcavage residing at 2433 Maplewood Circle West, Longmont, Colorado 80503 and a citizen of USA;
2. Reinhard H. Hohensee residing at 3895 Norwood Court, Boulder, Colorado 80304 and a citizen of USA;
3. Guy L. Johnston residing at 330 Gladstone Circle, Broomfield, Colorado 80020 and a citizen of USA;
4. Ronald D. Parrish residing at 4252 Pebble Beach Drive, Niwot, Colorado 80303 and a citizen of USA;
5. Arthur R. Roberts residing at 3633 Roundtree Court, Boulder, Colorado 80304 and a citizen of USA;

hereafter referred to as "THE UNDERSIGNED", have made an invention entitled METHOD, DATA STRUCTURE AND APPARATUS FOR IDENTIFYING RESOURCES PRIOR TO PRINTING

AND, WHEREAS, INTERNATIONAL BUSINESS MACHINES CORPORATION, hereafter referred to as ASSIGNEE, a corporation organized under the laws of the state of New York and whose place of business is New Orchard Road, Armonk, New York 10504, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFOR, in consideration of the sum of One Dollar, the receipt whereof is acknowledged, and other good and valuable consideration, THE UNDERSIGNED hereby sell, assign and transfer unto ASSIGNEE the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to all divisionals, continuations, continuations in part, reissues, reexaminations or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extension of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said invention including an assignment of all rights under the provision of international conventions and all Letters Patent of foreign countries which may be granted therefrom; the UNDERSIGNED hereby authorize the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED, hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles and benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said Assignee its successors and assignees, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Edward F. Chatcavage
Edward F. Chatcavage

1/24/2000
Date

Reinhard H. Hohensee
Reinhard H. Hohensee

1/24/2000
Date

Guy L. Johnston
Guy L. Johnston

1/24/2000
Date

Ronald D. Parrish

Ronald D. Parrish

Arthur R. Roberts

Arthur R. Roberts

1/24/00

Date

1/24/00

Date

No Legalization Required