



MAD 12-15-98

100934392

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

1. Name of conveying party(ies):

David J. Hetherington
David B. Kumhyr

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

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

jc549 U.S. PTO
09/21/803
12/15/98

3. Nature of conveyance:

X Assignment

Execution Date: Hetherington - 12/14/98; Kumhyr - 12/15/98

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 Hetherington - 12/14/98; Kumhyr - 12/15/98

A. Patent Application No. (s)

B. Patent No. (s)

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

Jeffrey S. LaBaw, Esq.
IBM Corporation
Intellectual Property Law
Internal Zip 4054
11400 Burnet Road
Austin, TX 78758
(512) 823-0494

6. Total number of applications and patents involved: 1

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

X Authorized to be charged to deposit account

8. IBM Corporation Deposit account number: 09-0447

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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.

Dan Venclarik
Name of Person Signing

Dan Venclarik
FOR FELSMAN, BRADLEY, GUNTER & DILLON

12/15/98
Date

A S S I G N M E N T

Whereas, we,

(1) David J. Hetherington
County of Travis

of Austin,
and State of Texas,

and
(2) David B. Kumhyr
County of Wake

of Fuquay-Varina,
and State of North Carolina,

have invented certain improvements in

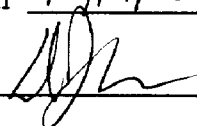
**METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR STORING
TRANSLITERATION AND/OR PHONETIC SPELLING INFORMATION IN A TEXT STRING CLASS**

and executed, respectively, a United States patent application therefor on
(1) 12/14/98, 1998, and (2) _____, 1998.

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 invention 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.

(1) Signed at Austin, Texas on 12/14/98, 1998.



David J. Hetherington

and (2) Signed at _____ on _____, 1998.

David B. Kumhyr

IBM DOCKET NO. AT9-98-160

A S S I G N M E N T

Whereas, we,

(1) David J. Hetherington
County of Travis

of Austin,
and State of Texas,

and
(2) David B. Kumhyr
County of Wake

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

(1) Signed at _____ on _____, 1998.

David J. Hetherington

and (2) Signed at Ranlyke, NC on December 15, 1998.

David B. Kumhyr

David B. Kumhyr