

11-23-1998

JULY 28, 1992

U.S. PATENT AND TRA



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NOTE: The following appendix did not appear in the Code of 100908968

APPENDIX B

FORM PTO-1595

1-31-92

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MRD 11-16-98

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Jianchang (NMN) Mao Matthias (NMN) Zimmerman

(Atty. Docket: AM9-98-037)

2. Name and address of receiving party(ies): Name: INTERNATIONAL BUSINESS MACHINES CORPORATION Internal Address: Armonk, New York 10504

Street Address: SAME AS ABOVE

Additional name(s) & address(es) attached? yes X no

Additional name(s) of conveying party(ies) attached? yes X no

3. Nature of Conveyance X Assignment Merger Security Agreement Change of Name Other

Execution Date: 21 October 1998 and 1 November 1998, respectively.

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)

09/152,587

Additional numbers attached? Yes X No

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

Name: Terrance A. Meador Address: GRAY CARY WARE & FREIDENRICH 401 "B" Street, Suite 1700 San Diego, California 92101

(103777-153623)

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00 Enclosed X Authorized to be charged to deposit account

8. Deposit Account Number: 09-0441

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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.

TERRANCE A. MEADOR Name of Person Signing

Signature: Terrance A Meador Date: 12 November 1998

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

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PATENT REEL: 9591 FRAME: 0773

ASSIGNMENT

Whereas, We

INVENTORS
AND CITY

(1) Jianchang (NMN) Mao
City of San Jose,
County of Santa Clara
State of California,

(2) Matthias (NMN) Zimmerman
City of Huenenberg,
Country of Switzerland

have invented certain improvements in

TITLE

Key Character Extraction and Lexicon Reduction for Cursive Text Recognition

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

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

(1) 10/21, 1998, (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, 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.

Signed

CITY
DATE

(1) at San Jose
on 10/21/98, 1998,

Jianchang Mao

Jianchang (NMN) Mao

SIGNATURE
INVENTOR

CITY
DATE

(2) at _____,
on _____, 1998,

Matthias (NMN) Zimmerman

SIGNATURE
INVENTOR

ASSIGNMENT

Whereas, We

INVENTORS
AND CITY

(1) Jianchang (NMN) Mao
City of San Jose,
County of Santa Clara
State of California,

(2) Matthias (NMN) Zimmerman
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(1) _____, 1998, (2) 11/1, 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, 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.

Signed

CITY
DATE

(1) at _____
on _____, 1998,

Jianchang (NMN) Mao SIGNATURE
INVENTOR

CITY
DATE

(2) at 1. November '98
on _____, 1998,

M. Zimmerman

Matthias (NMN) Zimmerman SIGNATURE
INVENTOR