

02-04-1999

"EXPRESS MAIL" LABEL NO. EL295371733

DATE OF DEPOSIT: January 28, 1999

Atty. Docket No. YO999-038



100958606

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JAN 29 1999
01/28/99To The Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Shawn A. Hall

Additional name(s) of conveying
party(ies) attached? ☐ Yes ☒ No2. Name and address of receiving
party(ies):Name: IBM Corporation
Address: Old Orchard Road
Armonk, NY 10504Additional name(s) & addresses
attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

Execution Date(s): January 27, 1999

4. Patent Application number(s)

Execution Date(s): January 27, 1999

5. Name and address of party to
whom correspondence concerning
document should be mailed:Name: Louis J. Percello
Address: IBM Corporation
Intellectual Property Law
P.O. Box 218
Yorktown Heights, NY 105986. Total number of applications
involved: 1

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

☒ Charge to Deposit Account No.:
09-0468(A duplicate copy of this sheet
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8. 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 original document.

Louis J. Percello

January 28, 1999

Name of Person Signing
Reg. No. 33,206

Signature

Date

Total number of pages including cover sheet,
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REEL: 9734 FRAME: 0235

DATE OF DEPOSIT: January 28, 1999

{SOLE FORM}

{IBM DOCKET NO. Y0999-038}

ASSIGNMENT

Whereas, I,

INVENTOR (1) SHAWN A. HALL of Pleasantville
AND CITY County of Westchester and State of New York

have invented certain improvements in

TITLE SYSTEM AND METHOD FOR INTERPRETATION AND VISUALIZATION OF ACOUSTIC SPECTRA, PARTICULARLY TO DISCOVER THE PITCH AND TIMBRE OF MUSICAL SOUNDS

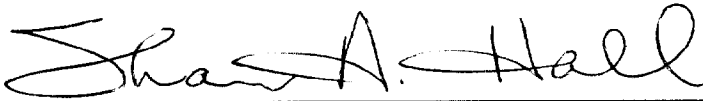
DATE THAT and executed, a United States patent application therefor on
DECLARATION
WAS SIGNED (1) January 27, 1999.

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 the 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 invention 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 and Sealed

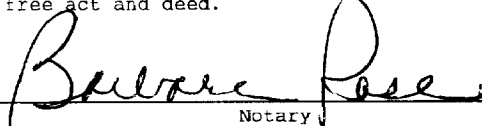
CITY (1) at Yorktown Heights, N.Y.
DATE on January 27, 1999,


(Shawn A. Hall)
FIRST NAME MIDDLE INITIAL LAST NAME

State of New York
County of Westchester

}
} ss.:

Inventor (1) On this 27th day of January 1999, before me personally came Shawn A. Hall to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.


Notary

BARBARA RASA
Notary Public, State of New York
No 4973785
In Westchester & Dutchess Counties
Commission Expires October 29, 2000