Mas 11-17-

ttorney Docket: Y0998-116 (8728-121)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

: SHEET To the Honorable Commissioner of Patents and Trademarks: riesse record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): Ellen M. Eide, Robert E. Donovan Additional name(s) of conveying party(ies) International Business Machines Name: attached? ☐ Yes ☒ No Corporation 3. Nature of conveyance: Armonk, New York 10504 ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name Additional name(s) & address(es) attached: □ Other _ ☐ Yes ⊠ No Execution Date: May 22, 1998 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) 09/084,679 Additional numbers attached?

Yes

No Name and address of party to whom Total number of applications and correspondence concerning document patents involved: 1 should be mailed: Total fee (37 C.F.R. §3.41): \$40.00 Name: Frank Chau, Esq. ☐ Enclosed Street Address: F. CHAU & ASSOCIATES, LLP ☑ Authorized to be charged to deposit account 1900 Hempstead Turnpike, Suite 501 8. Deposit account number: 50-0510/IBM (Yorktown Heights) City: East Meadow State: NY Zip: (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. Frank Chau Registration No. 34,136 Name of Person Signing Signature Total number of pages including cover sheet, attachments and documents: Do not detach this portion Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents

Box Assignments

Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

> PATENT REEL: 9589 FRAME: 0144

Form PTO-1595 1-31-92 U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

MRO 5.26.98

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies): Ellen M. Eide, Robert E. Donovan	2. Name and address of receiving party(ies):
Additional name(s) of conveying party(ies) attached? □ Yes ☒ No	Name: International Business Machines
3. Nature of conveyance:	Corporation, Armonk, New York 105040
☑ Assignment ☐ Merger	ř ≡
☐ Security Agreement ☐ Change of Name	Additional name(s) & address(es) attached:
□ Other	Lies Mo
Execution Date: May 22, 1998	
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: May 22, 1998	
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached? Yes No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: <u>Frank Chau, Esq.</u> Street Address: <u>DILWORTH & BARRESE</u> 333 Earle Ovington Boulevard	7. Total fee (37 C.F.R. §3.41): \$40.00 □ Enclosed ☑ Authorized to be charged to deposit account
City: <u>Uniondale</u> State: <u>NY</u> Zip: <u>11553</u>	8. Deposit account number:
C:581 40.00 CH	50-0510/IBM (Yorktown Heights) (Attach duplicate copy of this page if paying by deposit account)
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.	
Frank Chau	
Registration No. 34,136 Name of Person Signing Signatur	May 26, 1998 Date
Total number of pages including cover sheet, attachments and documents: 2	
Do not detach this portion Mail documents to be recorded with required cover sheet information to: Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to	
be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.	

PATENT REEL: 9589 FRAME: 0145

Assignment

Whereas, I/we

INVENTOR AND CITY

(1) Ellen M. Eide of Mount Kisco County of Westchester and State of New York

INVENTOR AND CITY

(2) Robert E. Donovan of Mount Kisco County of West chester and State of New York

TITLE

have invented certain improvements in METHODS FOR GENERATING PITCH AND DURATION CONTOURS IN A TEXT TO SPEECH SYSTEM

DATES THAT INVENTORS SIGNED THE DECLARATION and executed, respectively, a United States patent application therefor on (1) May 22 , 1998; and (2) May 22 , 1998.

INTERNATIONAL Whereas, BUSINESS CORPORATION, MACHINES 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;

therefore, for consideration, valuable 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 applications 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.

Signed and sealed

CITY AND

DATE

(1) at YORKTOWN Heights May 22, 1998

SIGNATURE

SIGNATURE

(Ellen M. Eide) INVENTOR

FIRST NAME MIDDLE INITIAL LAST NAME

CITY AND DATE

(2) at YORKHOWN Heights on May QQ,

1998,

(Robert E. Donovan) INVENTOR

MIDDLE INITIAL LAST NAME FIRST NAME

State of New YORK County of West chester) BB.: YORKTOWN Heights

೨೩ day of May On this 1998, before me inventor personally came Ellen M. Eide 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.

(Sosemave M. Gras

ROSEMARIE M. GRATZ
NOTARY PUBLIC, State of New York
No. 01GR4935297
Qualified in Putnam & Westchester Countles
Commission Expires July 5, 19
State of New York
No. 01GR4935297
S Westchester County of

May On this day of 1998, before me INVENTOR Robert E. Donovan to me personally came 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.

ROSEMARIE M. GRATZ
NOTARY PUBLIC, State of New York
No. 01GR4935297
Qualified in Putnam & Westchester Counties
Commission Expires July 5, 19

Solmanie M. Gra Notary

PATENT

RECORDED: 11/13/1998 REEL: 9589 FRAME: 0146