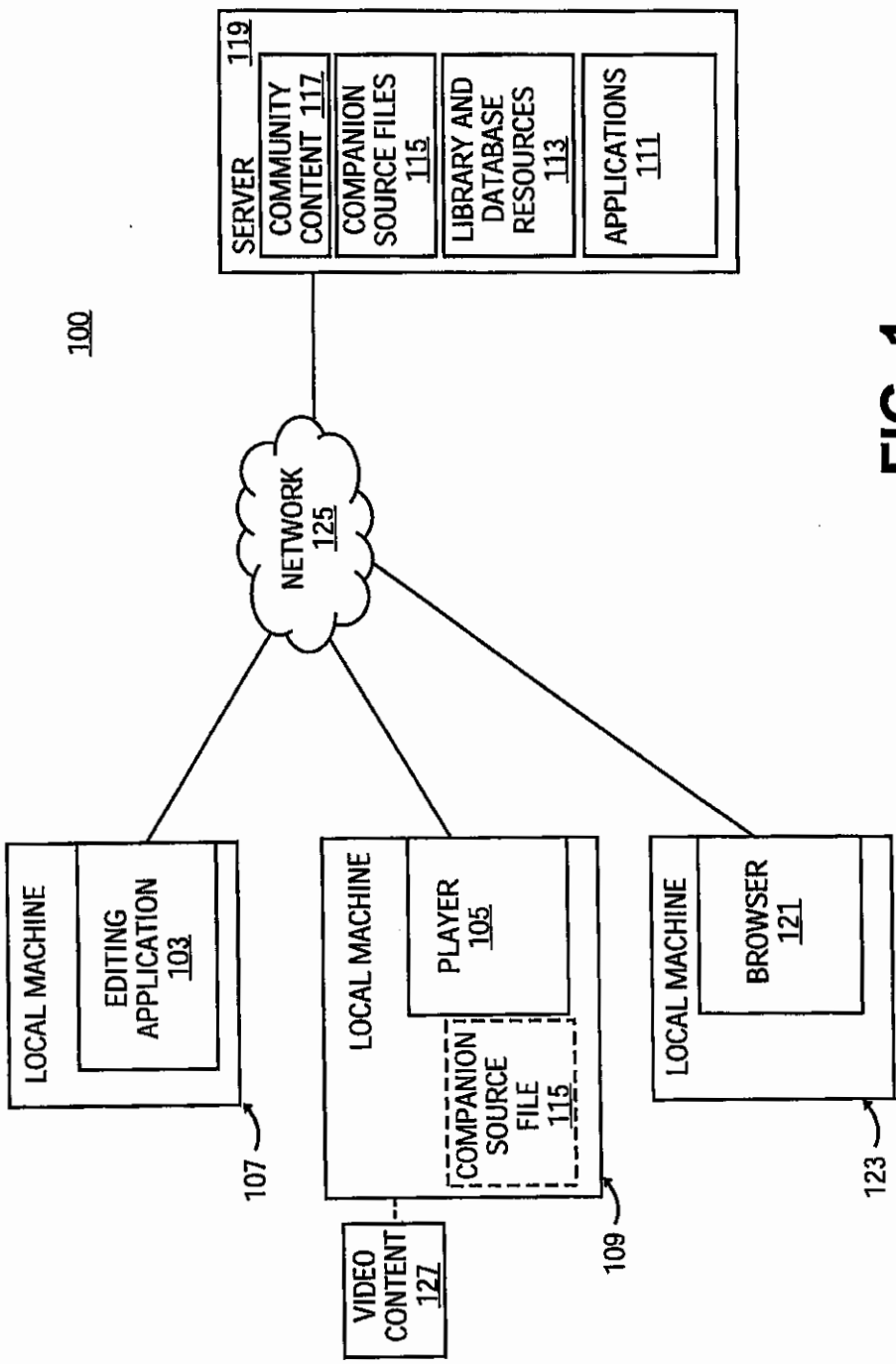
100
SERVER 119
COMMUNITY CONTENT 117
COMPANION SOURCE FILES 115
LIBRARY AND DATABASE RESOURCES 113
APPLICATIONS 111
NETWORK 125
LOCAL MACHINE
EDITING APPLICATION 103
107
LOCAL MACHINE
PLAYER 105
COMPANION SOURCE FILE 115
109
VIDEO CONTENT 127
LOCAL MACHINE
BROWSER 121
123

FIG. 1

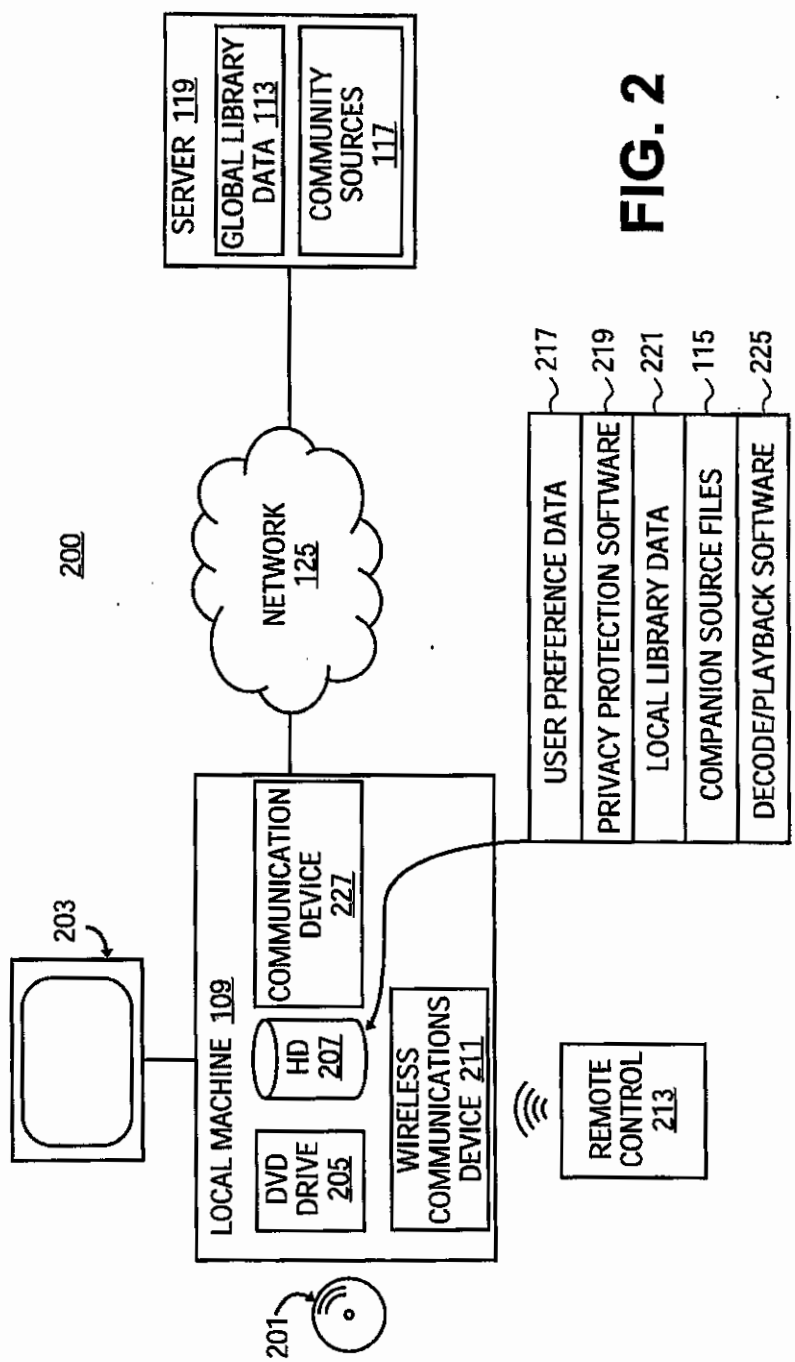
SERVER 119
GLOBAL LIBRARY DATA 113
COMMUNITY SOURCES 117
NETWORK 125
200
203
LOCAL MACHINE 109
COMMUNICATION DEVICE 227
HD 207
DVD DRIVE 205
WIRELESS COMMUNICATIONS DEVICE 211
201
REMOTE CONTROL 213
USER PREFERENCE DATA
PRIVACY PROTECTION SOFTWARE
LOCAL LIBRARY DATA
COMPANION SOURCE FILES
DECODE/PLAYBACK SOFTWARE
217
219
221
115
225

FIG. 2

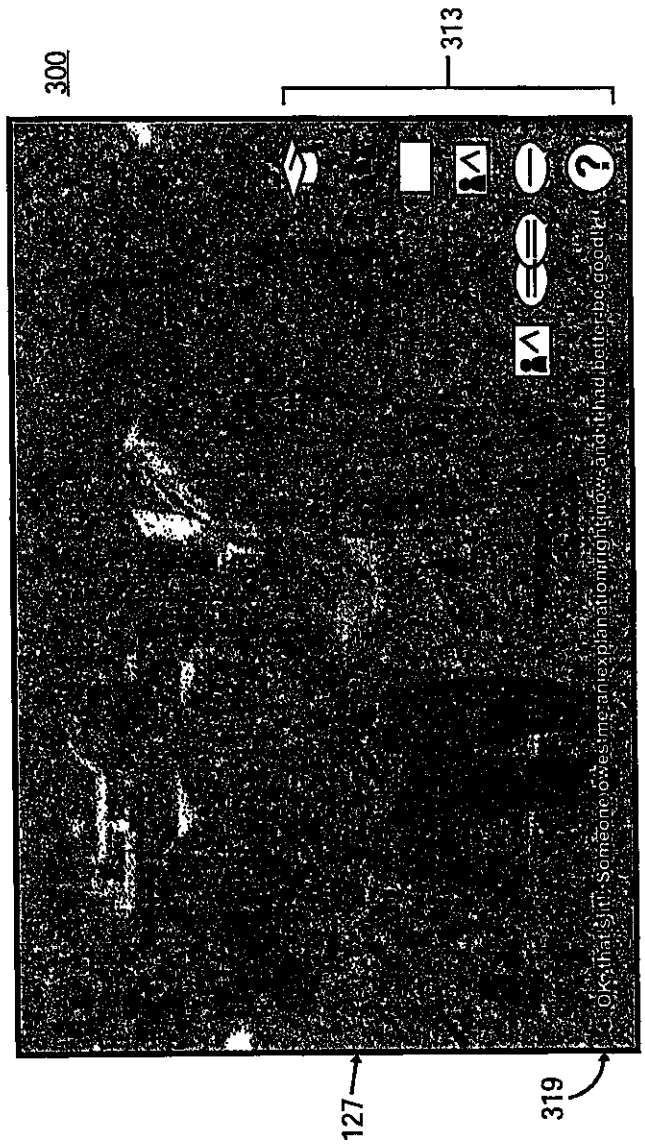

FIG. 3

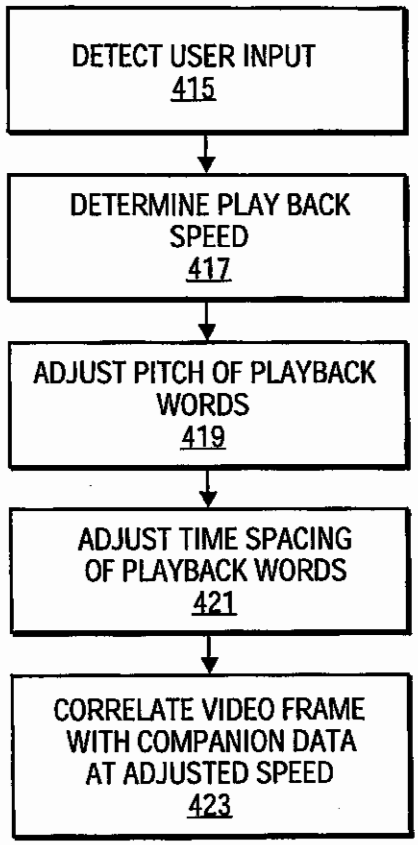
DETECT USER INPUT
415
DETERMINE PLAY BACK SPEED
417
ADJUST PITCH OF PLAYBACK WORDS
419
ADJUST TIME SPACING OF PLAYBACK WORDS
421
CORRELATE VIDEO FRAME WITH COMPANION DATA AT ADJUSTED SPEED
423

FIG. 4

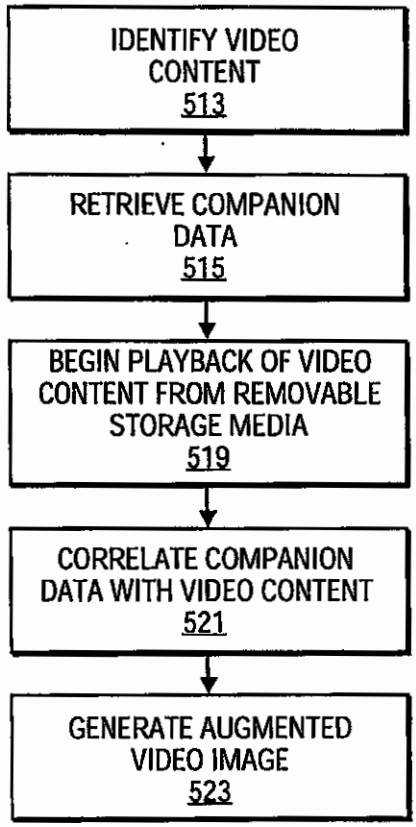
IDENTIFY VIDEO CONTENT
513
RETRIEVE COMPANION DATA
515
BEGIN PLAYBACK OF VIDEO CONTENT FROM REMOVABLE STORAGE MEDIA
519
CORRELATE COMPANION DATA WITH VIDEO CONTENT
521
GENERATE AUGMENTED VIDEO IMAGE
523

FIG. 5

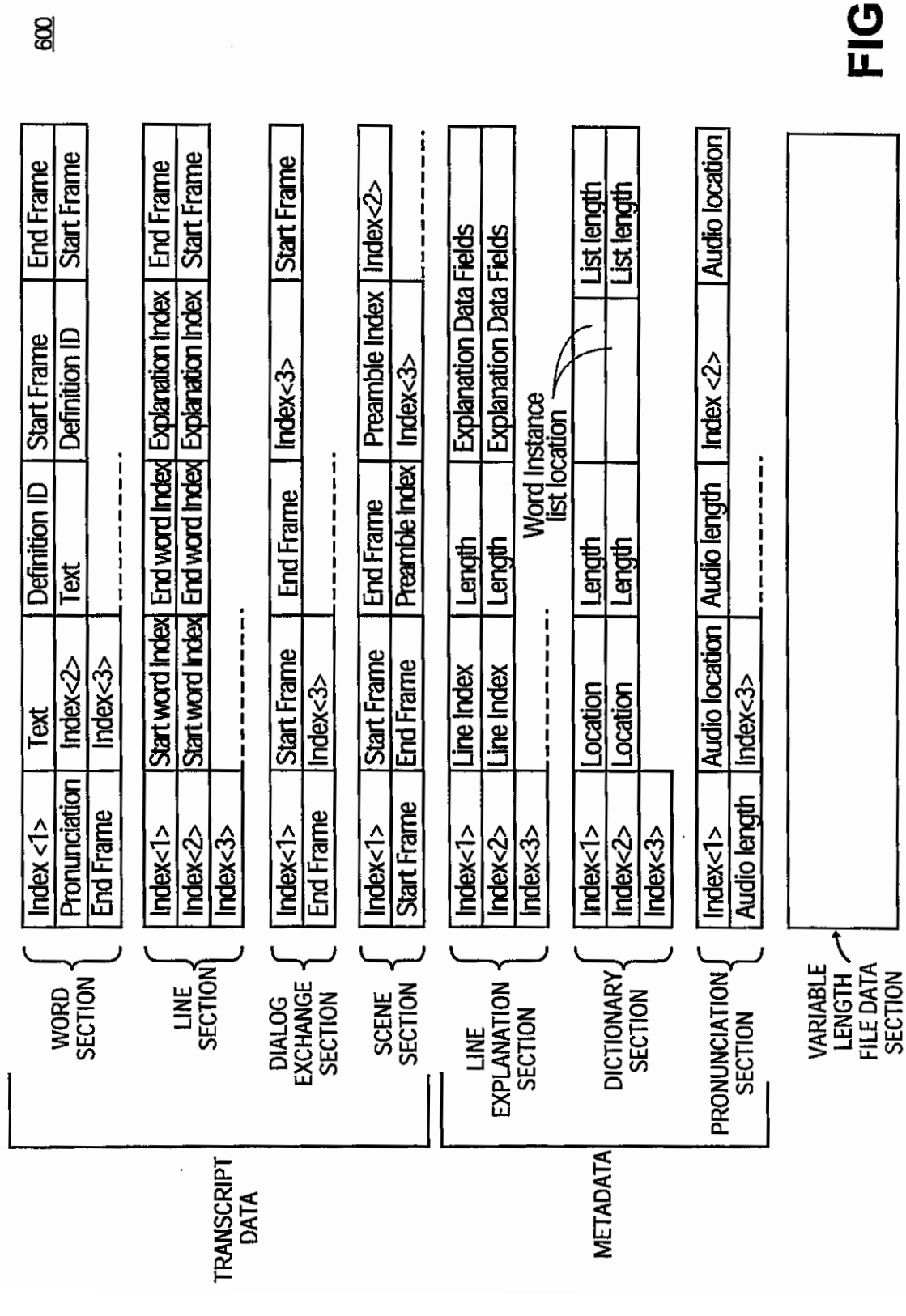
600
TRANSCRIPT DATA
METADATA
WORD SECTION
Index <1>
Pronunciation
End Frame
Text
Index<2>
Index<3>
Definition ID
Text
Index<3>
Start Frame
Definition ID
Start Frame
LINE SECTION
Index<1>
Index<2>
Index<3>
Start word Index
Start word Index
End word Index
End word Index
Explanation Index
Explanation Index
End Frame
Start Frame
DIALOG EXCHANGE SECTION
Index<1>
End Frame
Start Frame
Index<3>
End Frame
Index<3>
Start Frame
SCENE SECTION
Index<1>
Start Frame
Index<1>
End Frame
End Frame
Start Frame
Preamble Index
Index<3>
Preamble Index
Index<2>
LINE EXPLANATION SECTION
Index<1>
Index<2>
Index<3>
Line Index
Line Index
Length
Length
Word Instance list location
Explanation Data Fields
Explanation Data Fields
DICTIONARY SECTION
Index<1>
Index<2>
Index<3>
Location
Location
Length
Length
List length
List length
PRONUNCIATION SECTION
Index<1>
Audio length
Audio location
Index<3>
Audio length
Index <2>
Audio location
VARIABLE LENGTH FILE DATA SECTION

FIG. 6

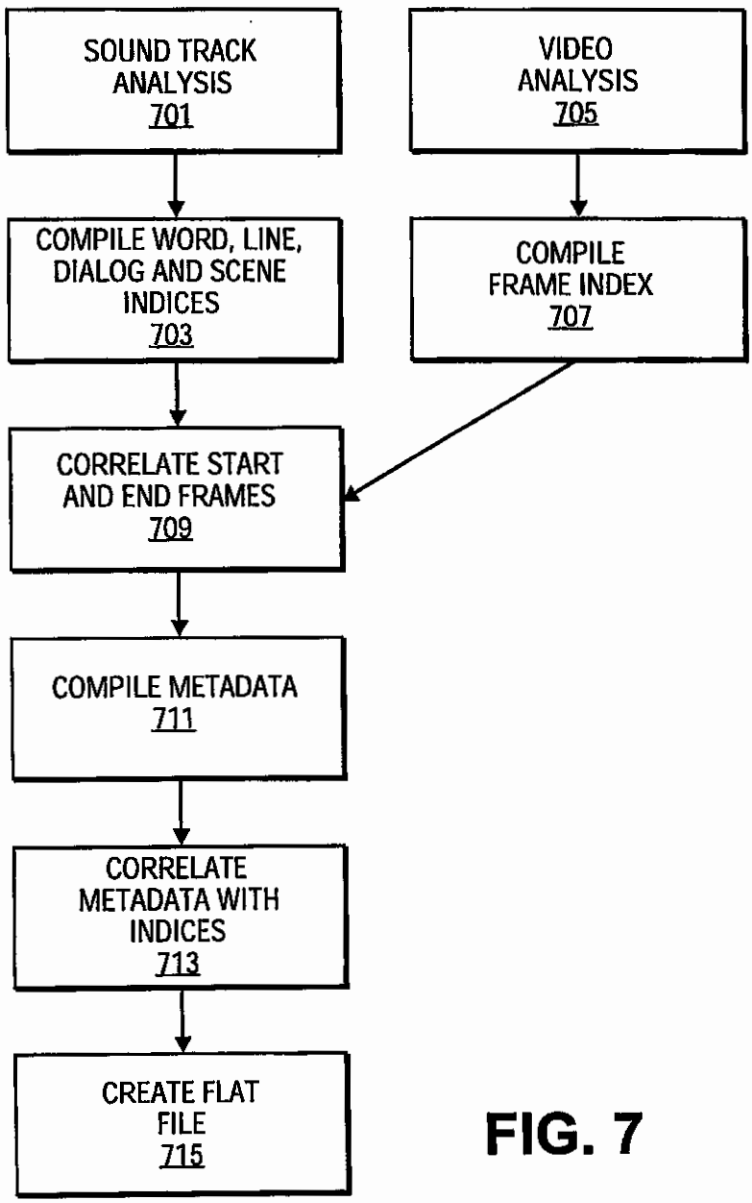
SOUND TRACK ANALYSIS 701
VIDEO ANALYSIS 705
COMPILE WORD, LINE, DIALOG AND SCENE INDICES 703
COMPILE FRAME INDEX 707
CORRELATE START AND END FRAMES 709
COMPILE METADATA 711
CORRELATE METADATA WITH INDICES 713
CREATE FLAT FILE 715

FIG. 7

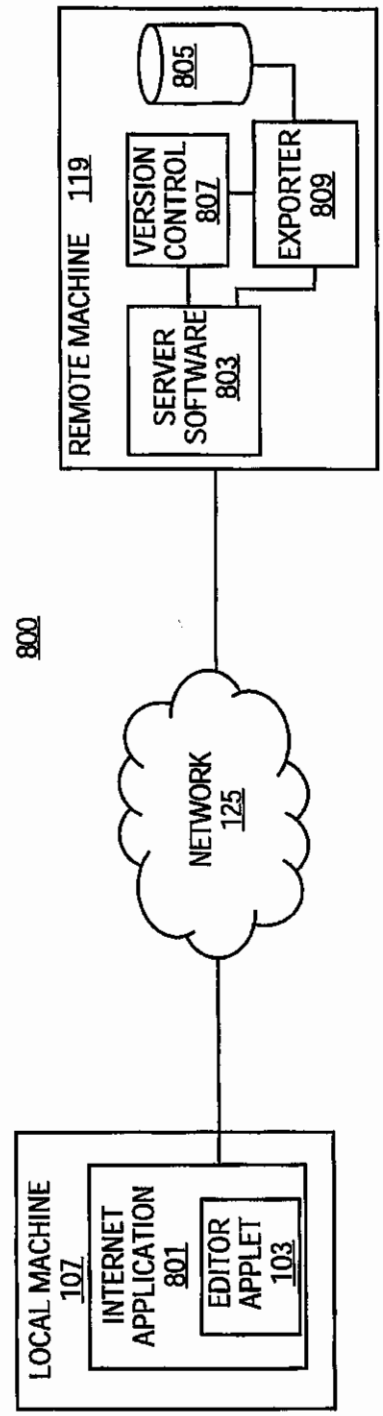
800
LOCAL MACHINE
107
INTERNET APPLICATION
801
EDITOR APPLET
103
NETWORK
125
REMOTE MACHINE
119
SERVER SOFTWARE
803
VERSION CONTROL
807
EXPORTER
809
805

FIG. 8

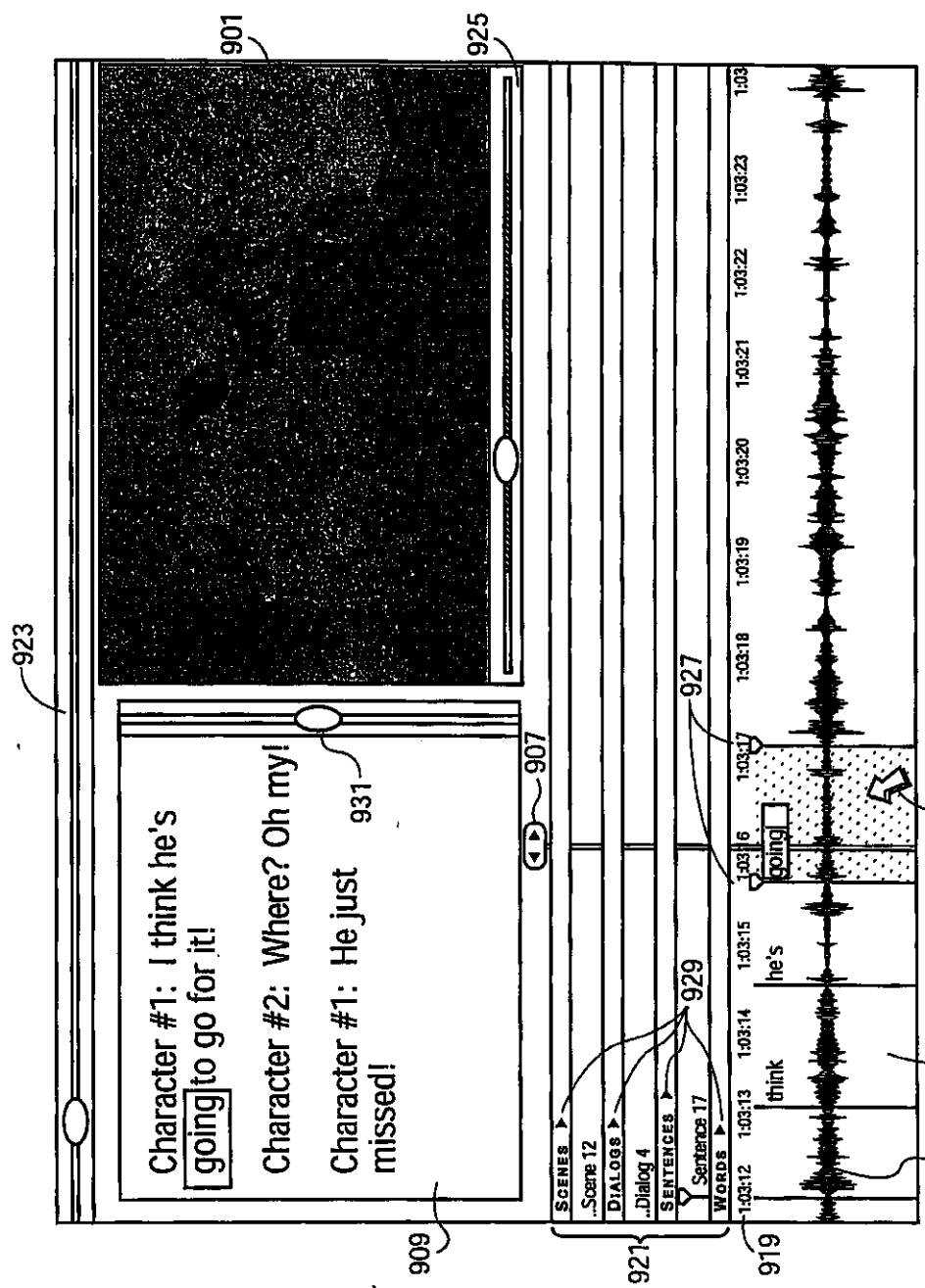
901
925
923
Character #1: I think he's going to go for it!
Character #2: Where? Oh my!
Character #1: He just missed!
931
907
909
927
929
921
919
915
903
905
900
SCENES
..Scene 12
DIALOGS
..Dialog 4
SENTENCES
..Sentence 17
WORDS
1:03:12
1:03:13
1:03:14
1:03:15
1:03:16
1:03:17
1:03:18
1:03:19
1:03:20
1:03:21
1:03:22
1:03:23
1:03
think
he's
going

FIG. 9

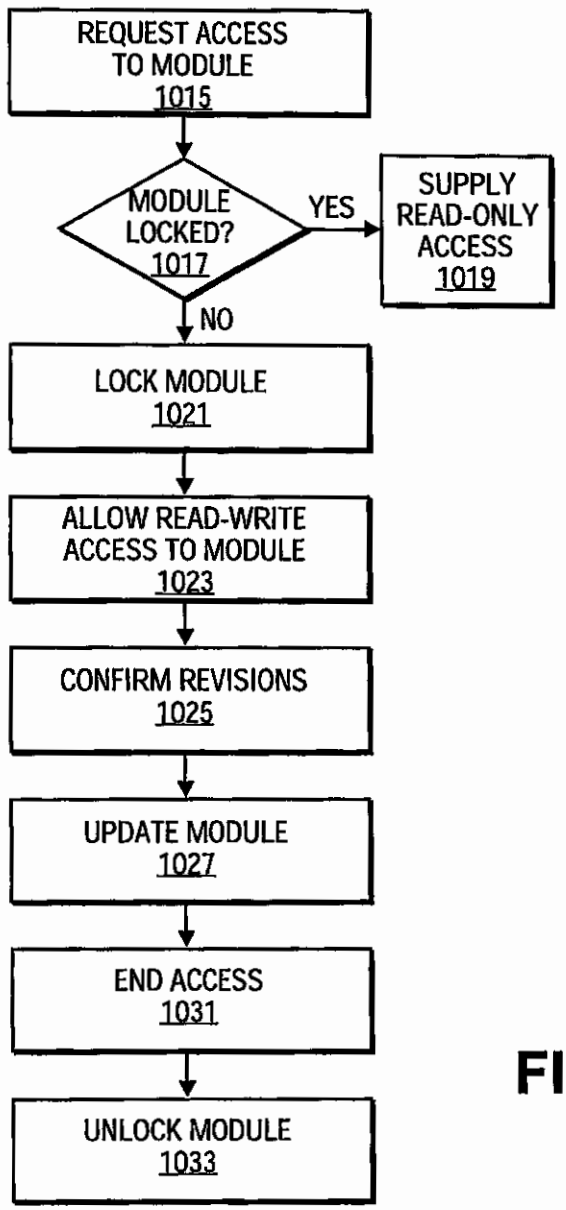
REQUEST ACCESS TO MODULE 1015
MODULE LOCKED? 1017
YES
SUPPLY READ-ONLY ACCESS 1019
NO
LOCK MODULE 1021
ALLOW READ-WRITE ACCESS TO MODULE 1023
CONFIRM REVISIONS 1025
UPDATE MODULE 1027
END ACCESS 1031
UNLOCK MODULE 1033

FIG. 10