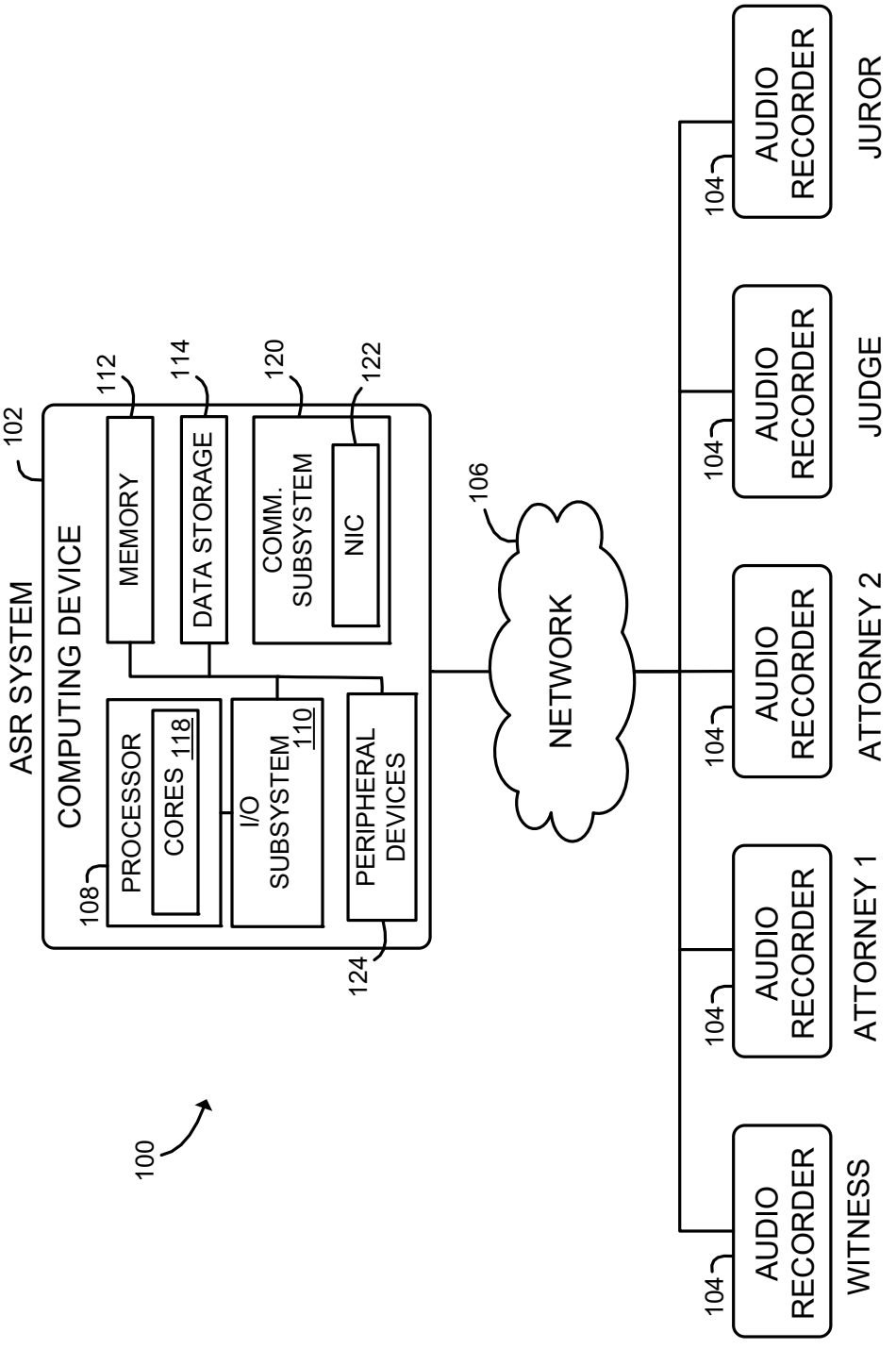

100
ASR SYSTEM
102
COMPUTING DEVICE
PROCESSOR
CORES 118
108
MEMORY
112
DATA STORAGE
114
I/O SUBSYSTEM 110
COMM. SUBSYSTEM
120
NIC
122
PERIPHERAL DEVICES
124
NETWORK
106
AUDIO RECORDER
104
WITNESS
ATTORNEY 1
ATTORNEY 2
JUDGE
JUROR

FIG. 1

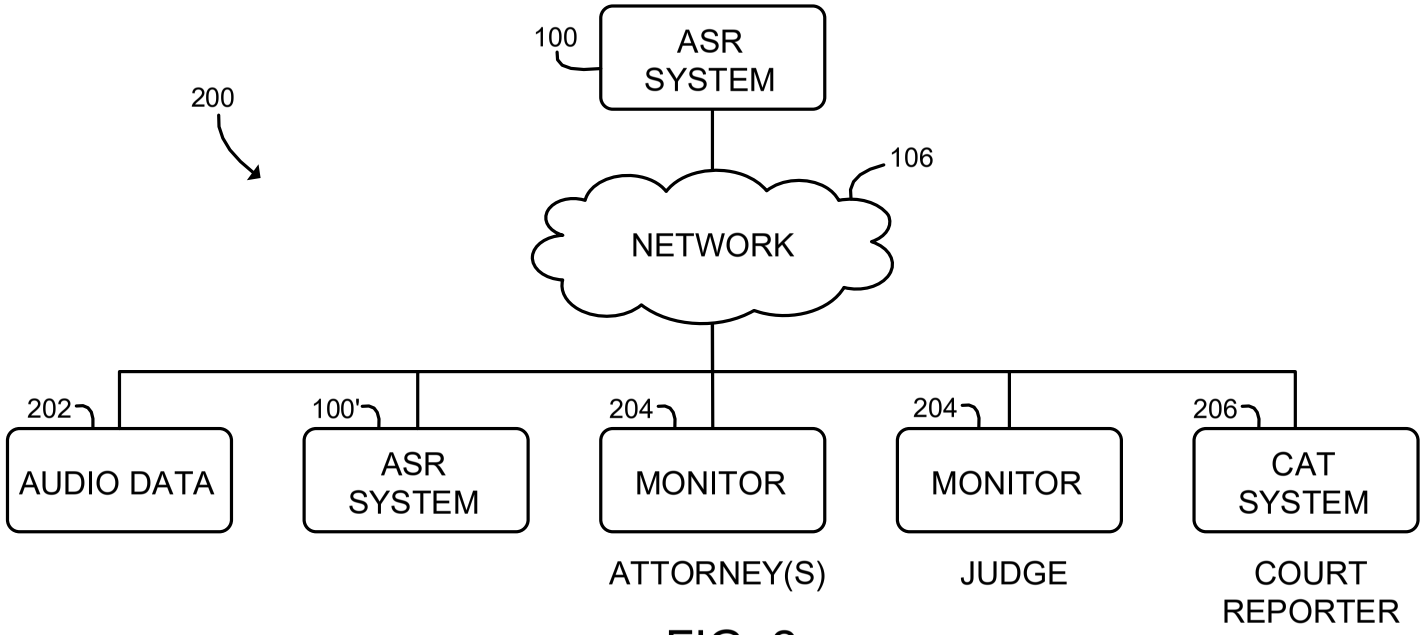

200
100
ASR SYSTEM
106
NETWORK
202
AUDIO DATA
100'
ASR SYSTEM
204
MONITOR
ATTORNEY(S)
204
MONITOR
JUDGE
206
CAT SYSTEM
COURT REPORTER

FIG. 2

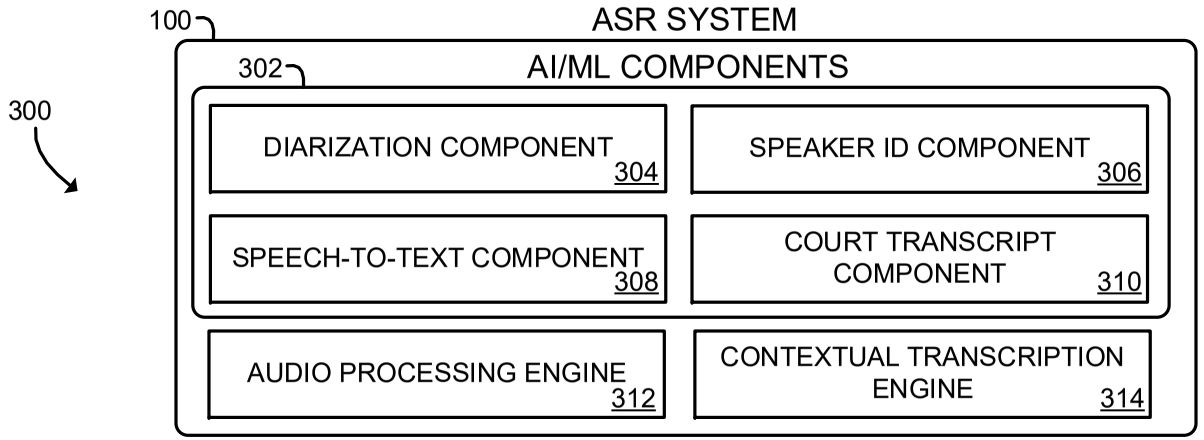

300
100
ASR SYSTEM
302
AI/ML COMPONENTS
DIARIZATION COMPONENT 304
SPEAKER ID COMPONENT 306
SPEECH-TO-TEXT COMPONENT 308
COURT TRANSCRIPT COMPONENT 310
AUDIO PROCESSING ENGINE 312
CONTEXTUAL TRANSCRIPTION ENGINE 314

FIG. 3

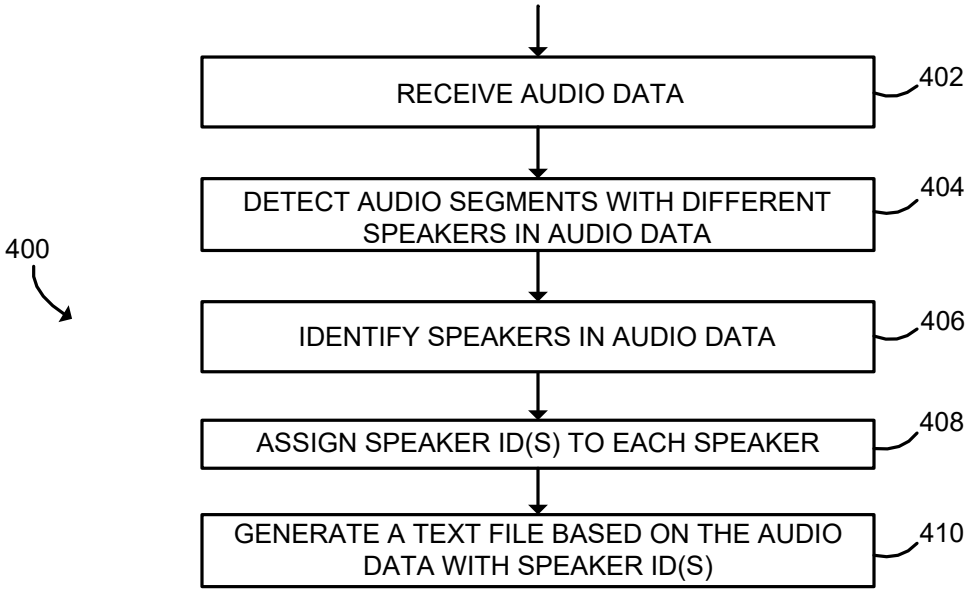

400
RECEIVE AUDIO DATA
402
DETECT AUDIO SEGMENTS WITH DIFFERENT SPEAKERS IN AUDIO DATA
404
IDENTIFY SPEAKERS IN AUDIO DATA
406
ASSIGN SPEAKER ID(S) TO EACH SPEAKER
408
GENERATE A TEXT FILE BASED ON THE AUDIO DATA WITH SPEAKER ID(S)
410

FIG. 4

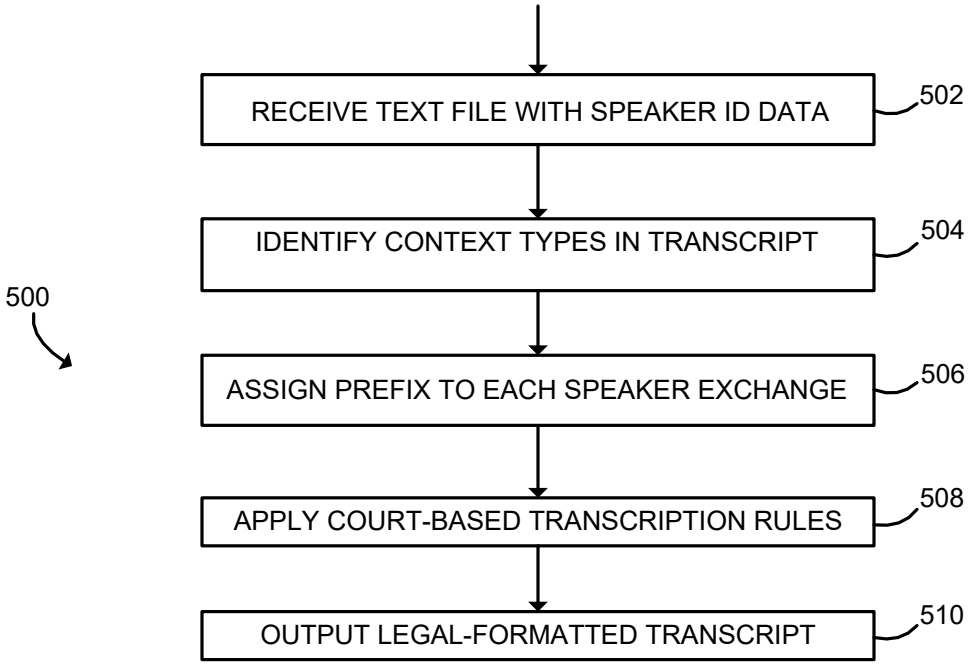

500
RECEIVE TEXT FILE WITH SPEAKER ID DATA
502
IDENTIFY CONTEXT TYPES IN TRANSCRIPT
504
ASSIGN PREFIX TO EACH SPEAKER EXCHANGE
506
APPLY COURT-BASED TRANSCRIPTION RULES
508
OUTPUT LEGAL-FORMATTED TRANSCRIPT
510

FIG. 5