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[54] COMMUNICATIONS HEADSET WITH UNIVERSALLY ADAPTABLE RECEIVER AND VOICE TRANSMITTER

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[51] Int. Cl.⁶ **H04M 1/00**; H04R 25/00

[52] U.S. Cl. **379/430**; 381/183; 381/187

[58] Field of Search 379/430, 428, 379/433; 381/183, 187, 68.5, 68.6, 68.7, 69

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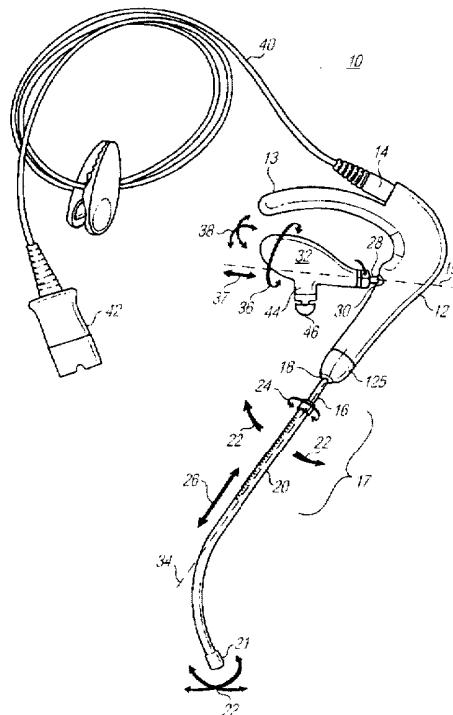
Primary Examiner—Jack Chiang

Attorney, Agent, or Firm—Fenwick & West LLP

[57] ABSTRACT

A communications headset includes a headset enclosure and a receiver enclosure coupled thereto by various means allowing displacement of the receiver enclosure with respect to the headset enclosure at any of a variety of angles, rotations, and distances. The adaptable positioning of the receiver enclosure allows the headset to be used by a wide variety of users having different ear shapes and sizes, while providing a stable, comfortable fit and ensuring good acoustic performance. In one embodiment the receiver enclosure is slidably coupled to a ball tube having a ball that rests in a socket of the headset enclosure. The receiver enclosure can telescope along the length of the ball tube and can rotate about an axis of the tube. The ball can be rotated in the socket to position the receiver enclosure at any of a variety of angles relative to the headset enclosure. A voice transmitter is also coupled to the headset enclosure so as to allow adjustment of length, angular position, and rotation.

6 Claims, 9 Drawing Sheets



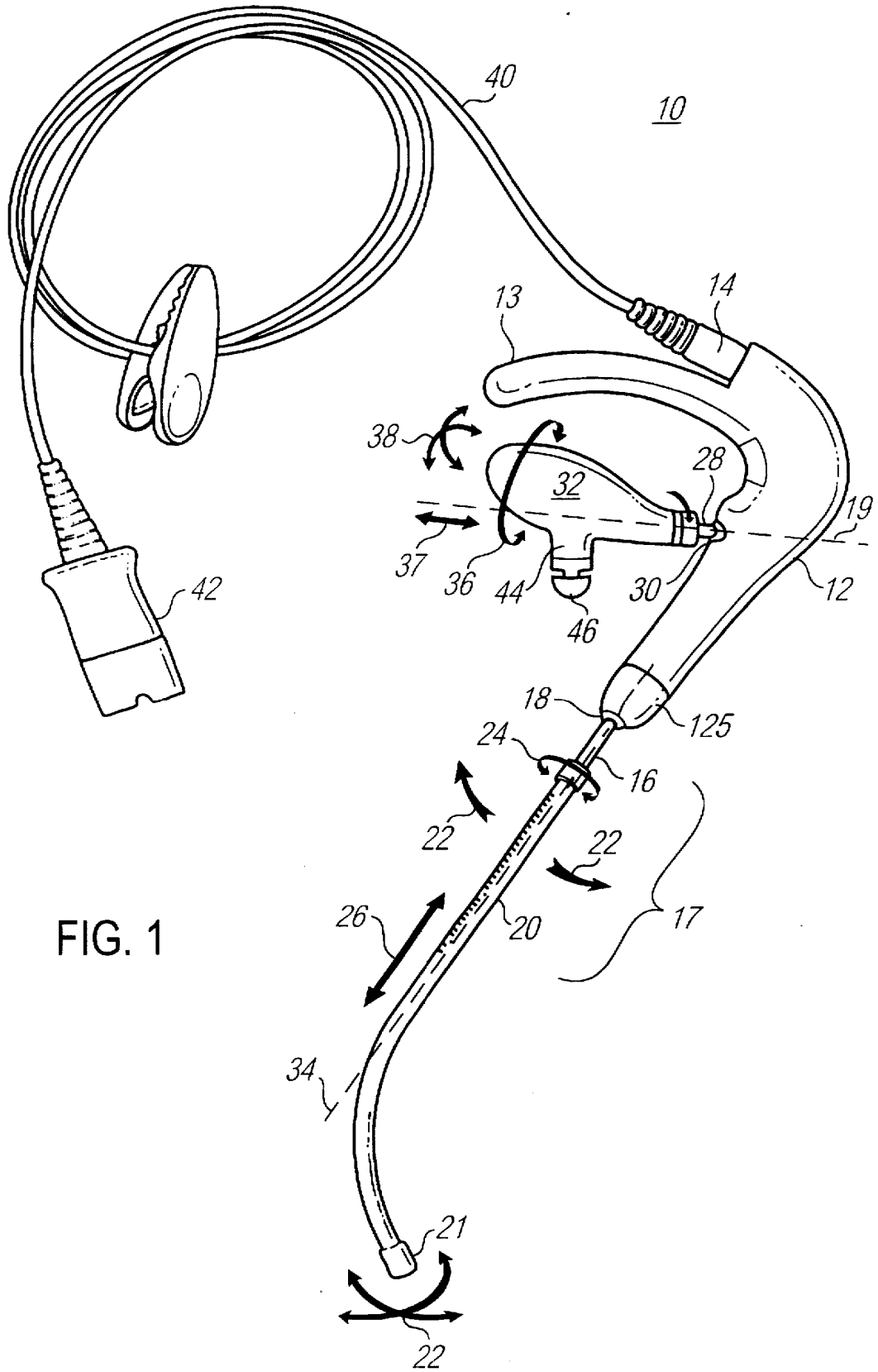
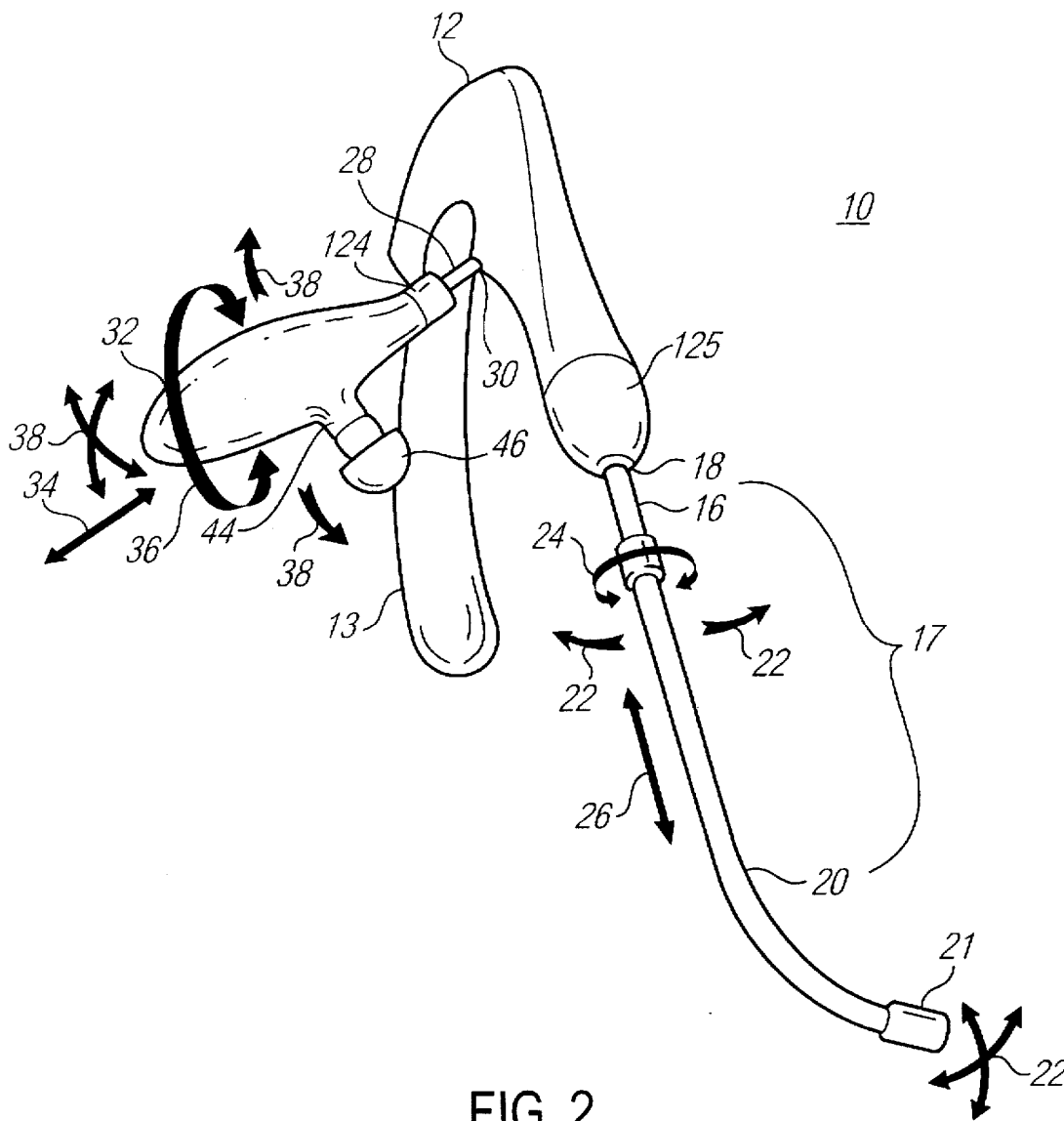


FIG. 1



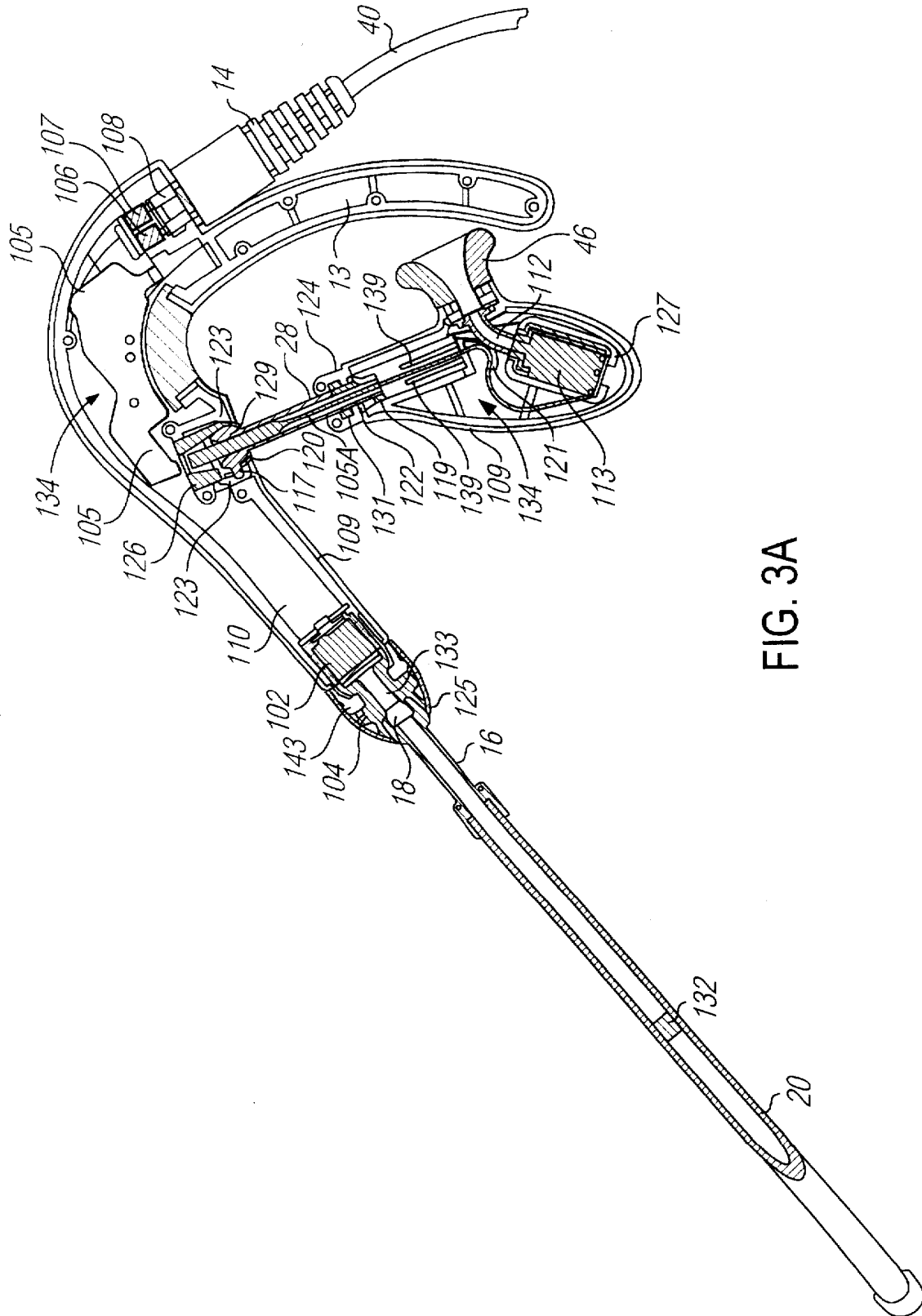


FIG. 3A

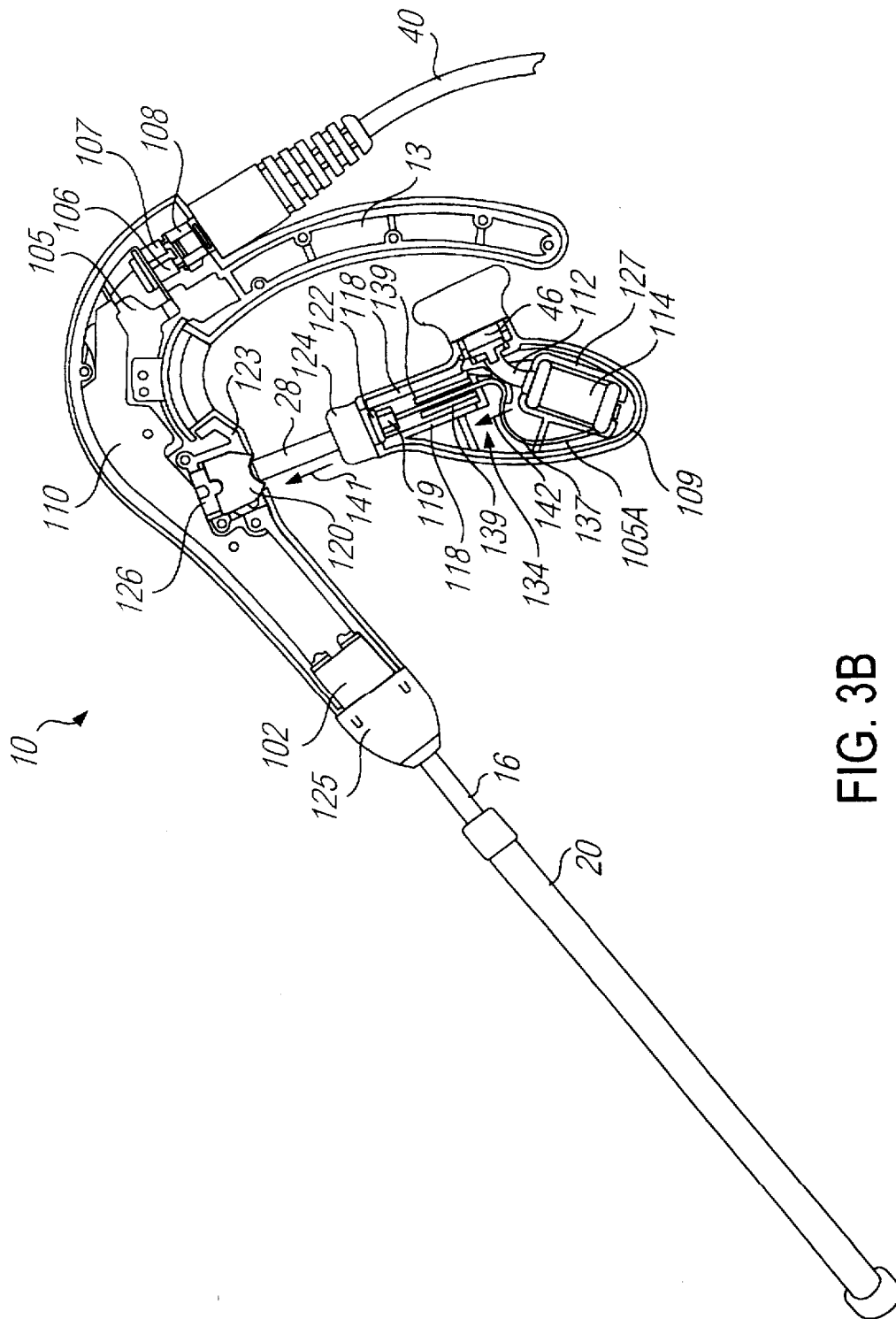


FIG. 3B

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