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Lau et al.

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(54) **HEADGEAR FOR NONINVASIVE
VENTILATION INTERFACE**

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A61M 15/08 (2006.01)

A62B 7/00 (2006.01)

(52) **U.S. Cl.** **128/207.18**; 128/206.21;
128/206.24; 128/207.11; 128/206.28; 128/201.22;
128/206.26; 128/206.18; 128/206.11; 128/202.27;
128/206.27; 128/201.23; 128/201.29

(58) **Field of Classification Search** 128/207.18,
128/200.24, DIG. 26, 206.21, 206.24, 207.11,
128/206.28, 201.22, 206.26, 206.18, 206.11,
128/202.27, 206.27, 201.23, 201.29
See application file for complete search history.

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(57) **ABSTRACT**

The present invention is a headgear for noninvasive ventilation interface made up of a nasal cannula including cannula tubing having a given outside diameter, and a headgear yoke with ends including tubing retainers. The yoke is adapted to extend transversely over a wearer's head. The tubing retainers are C-shaped projections having a given length and an inside diameter substantially equal to the tubing outside diameter. The present invention further includes a retainer mating element for each of the C-shaped tubing retainers to prevent the tubing from kinking near the C-shaped tubing retainers. The retainer mating element has an elbow section with an open side and a clip section connected to the elbow section by a rigid beam having a length substantially equal to the C-shaped tubing retainer given length, wherein both of the sections have an inside diameter substantially equal to the tubing given outside diameter.

6 Claims, 4 Drawing Sheets

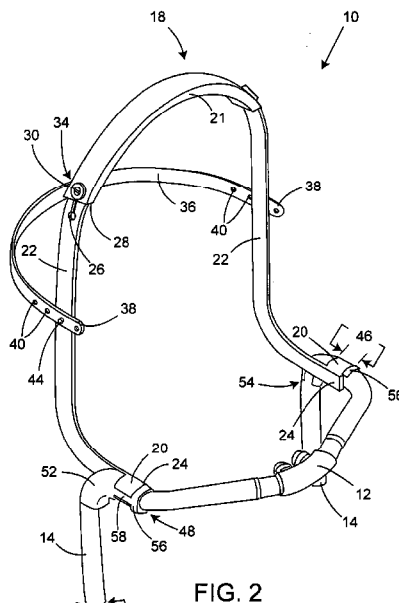


FIG. 2

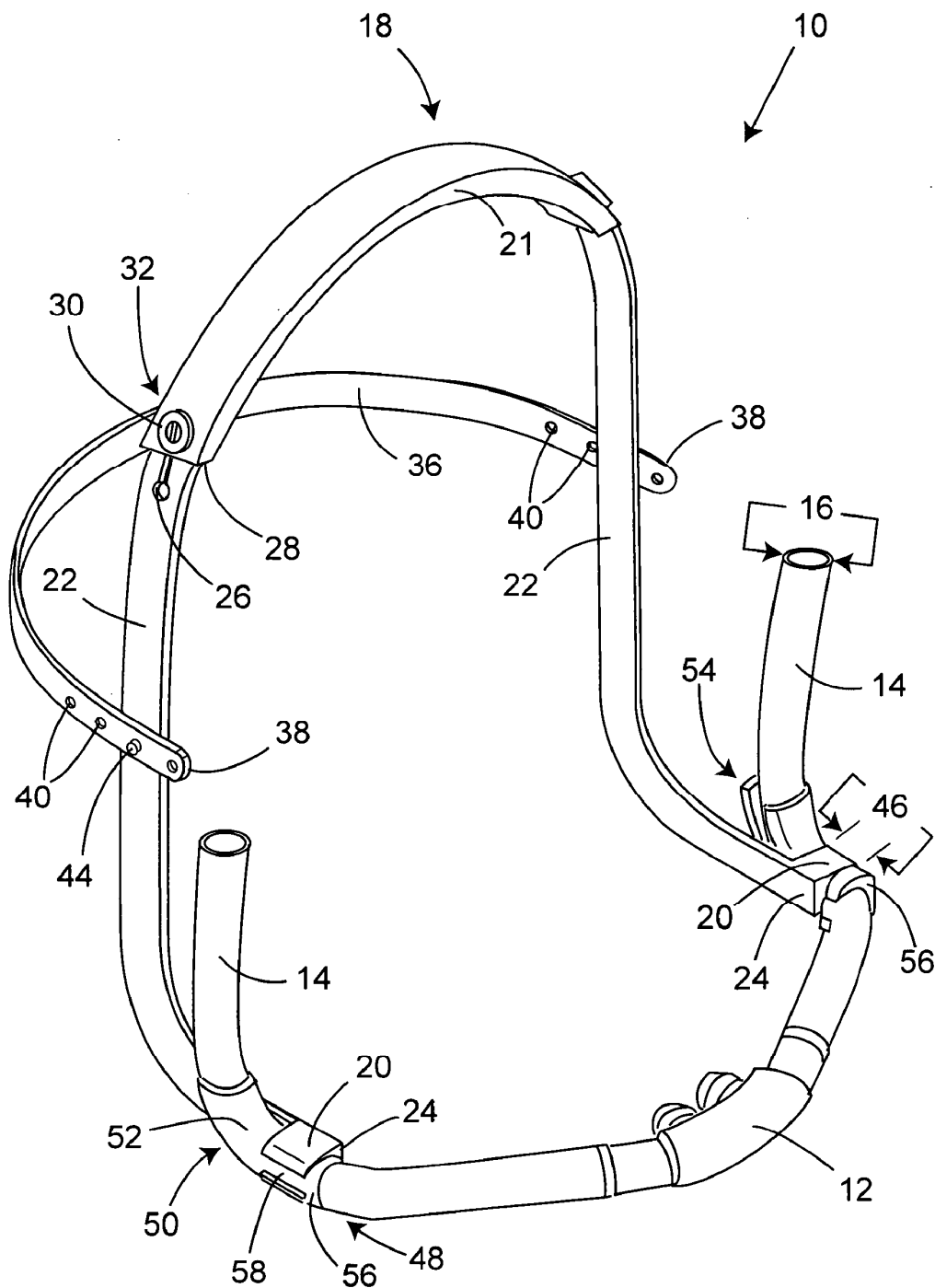


FIG. 1

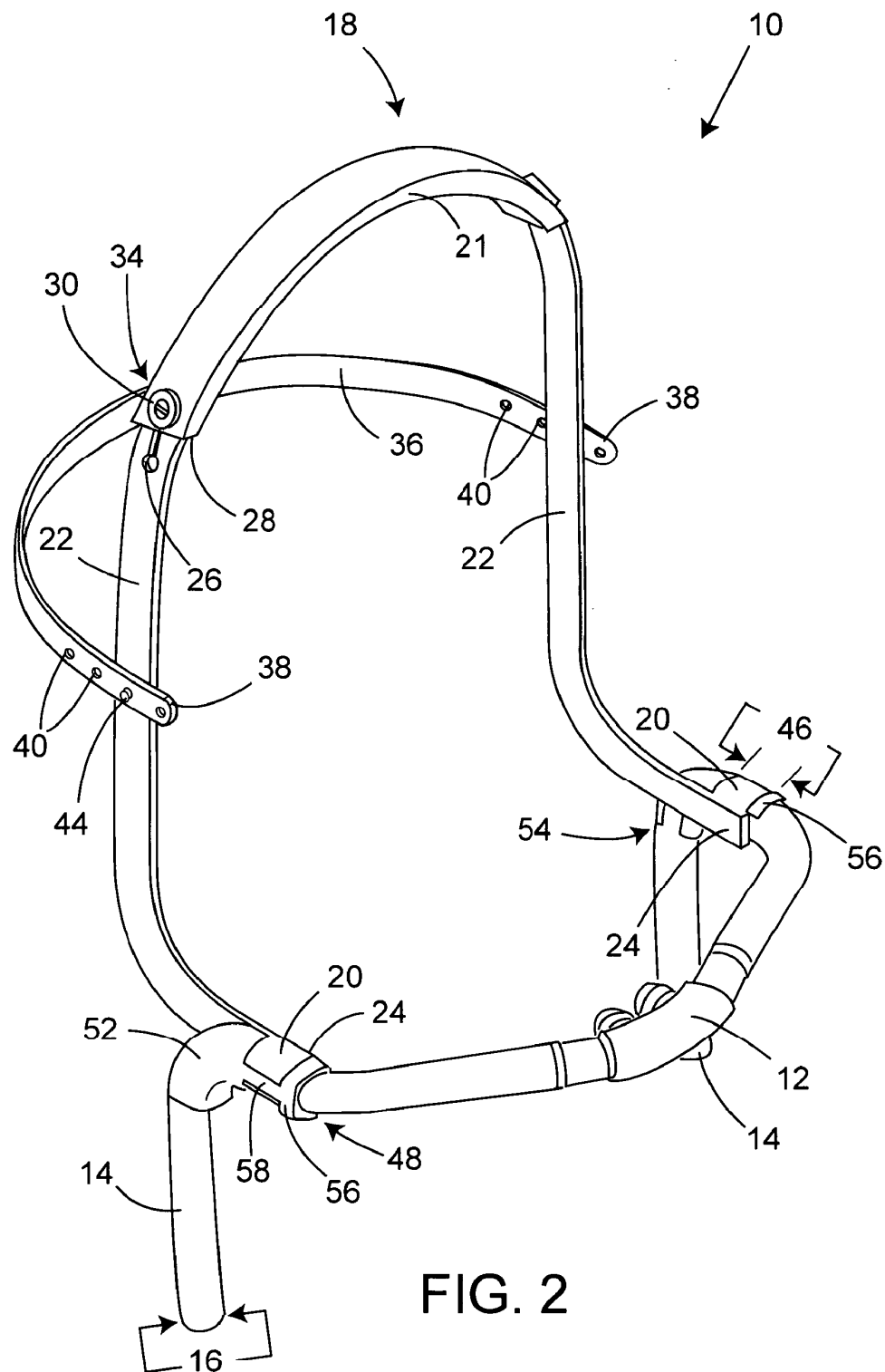


FIG. 2

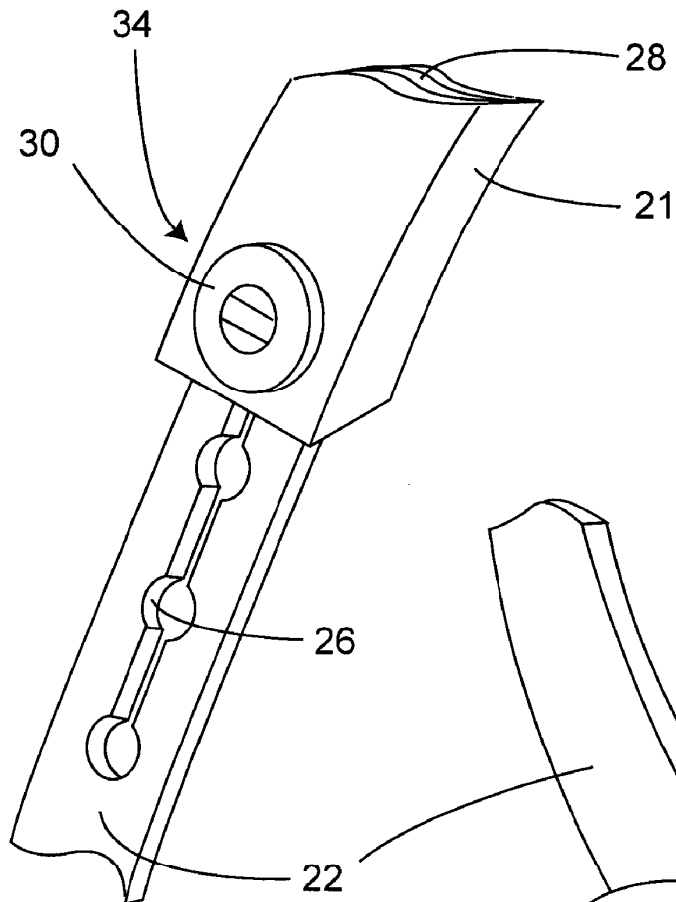


FIG. 3

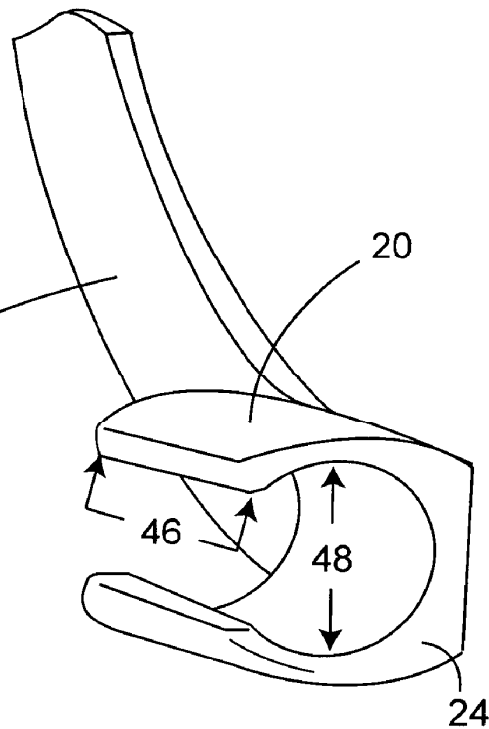


FIG. 4

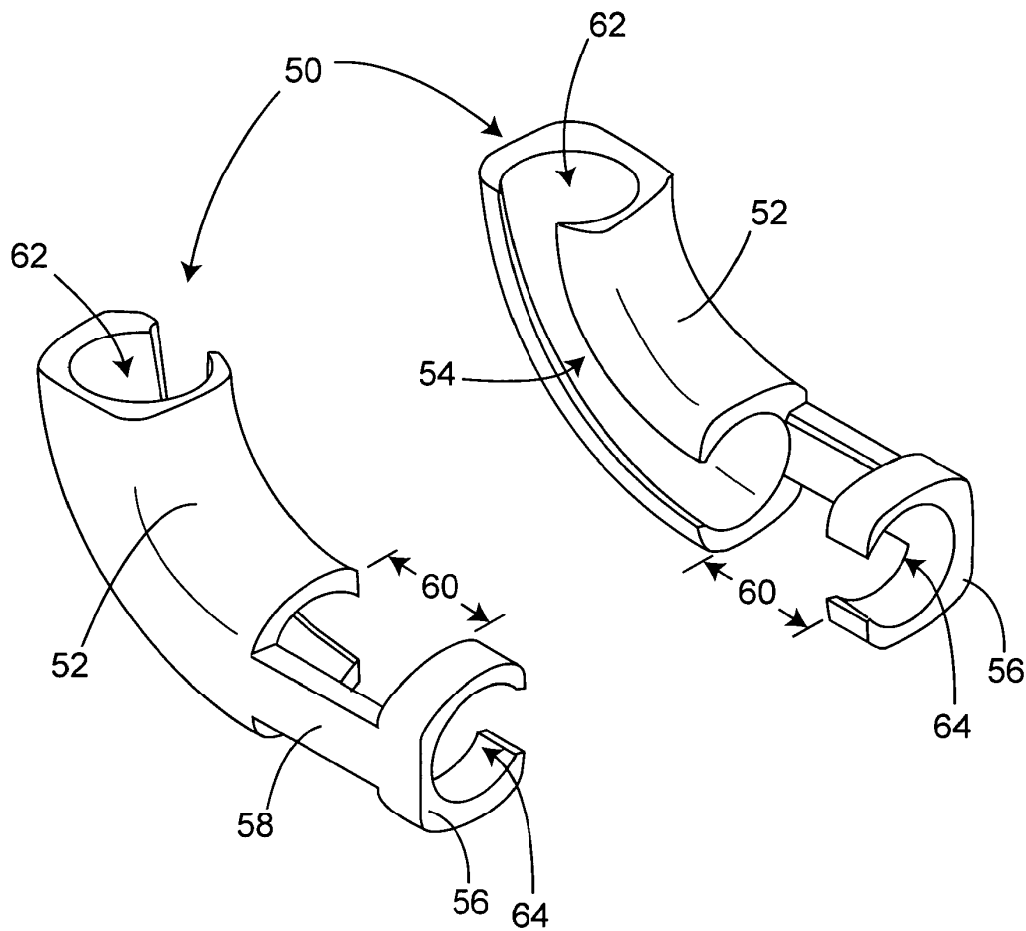


FIG. 5

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