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**Tanner et al.**

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(54) **MINIATURE PORTABLE GAS CHROMATOGRAPH**

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See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a miniature portable gas chromatograph, as shown and described.

**DESCRIPTION**

FIG. 1 is a front and left side view of an embodiment of the miniature portable gas chromatograph showing the mouth-piece “straw”, a “start” button and a front-facing camera for definitive identification of the subject providing an exhaled breath sample; the right side view is a mirror image of the left side;



FIG. 2 is a rear view of an embodiment of the miniature portable gas chromatograph showing the power connection cord and a vent;

FIG. 3 is a left side view of an embodiment of the miniature portable gas chromatograph showing the mouthpiece “straw”; the right side view is a mirror image of the left side;

FIG. 4 is a front and left side view of an embodiment of the miniature portable gas chromatograph showing the mouthpiece “straw”, a “start” button and a front-facing camera for definitive identification of the subject providing an exhaled breath sample; the right side view is a mirror image of the left side; and,

FIG. 5 is a front and left side view of an embodiment of the miniature portable gas chromatograph showing the device with a mouthpiece “straw” receiving port but without the

mouthpiece “straw” inserted in the mouthpiece receiving port and showing a speaker on the front face of the device and power connection cord on the rear, a “start” button and a front-facing camera for definitive identification of the subject providing an exhaled breath sample.

The bottom of the miniature portable gas chromatograph is flat and unornamented.

The article is a miniature portable gas chromatograph which can sit on a flat surface or be handheld and is intended for use by subjects who exhale into the device’s mouthpiece “straw” or into gas sampling bags or gas-tight syringes for introduction into the device’s mouthpiece “straw” for measurement of compounds present in the exhaled breath.

**1 Claim, 5 Drawing Sheets**



Figure 1



Figure 2



Figure 3

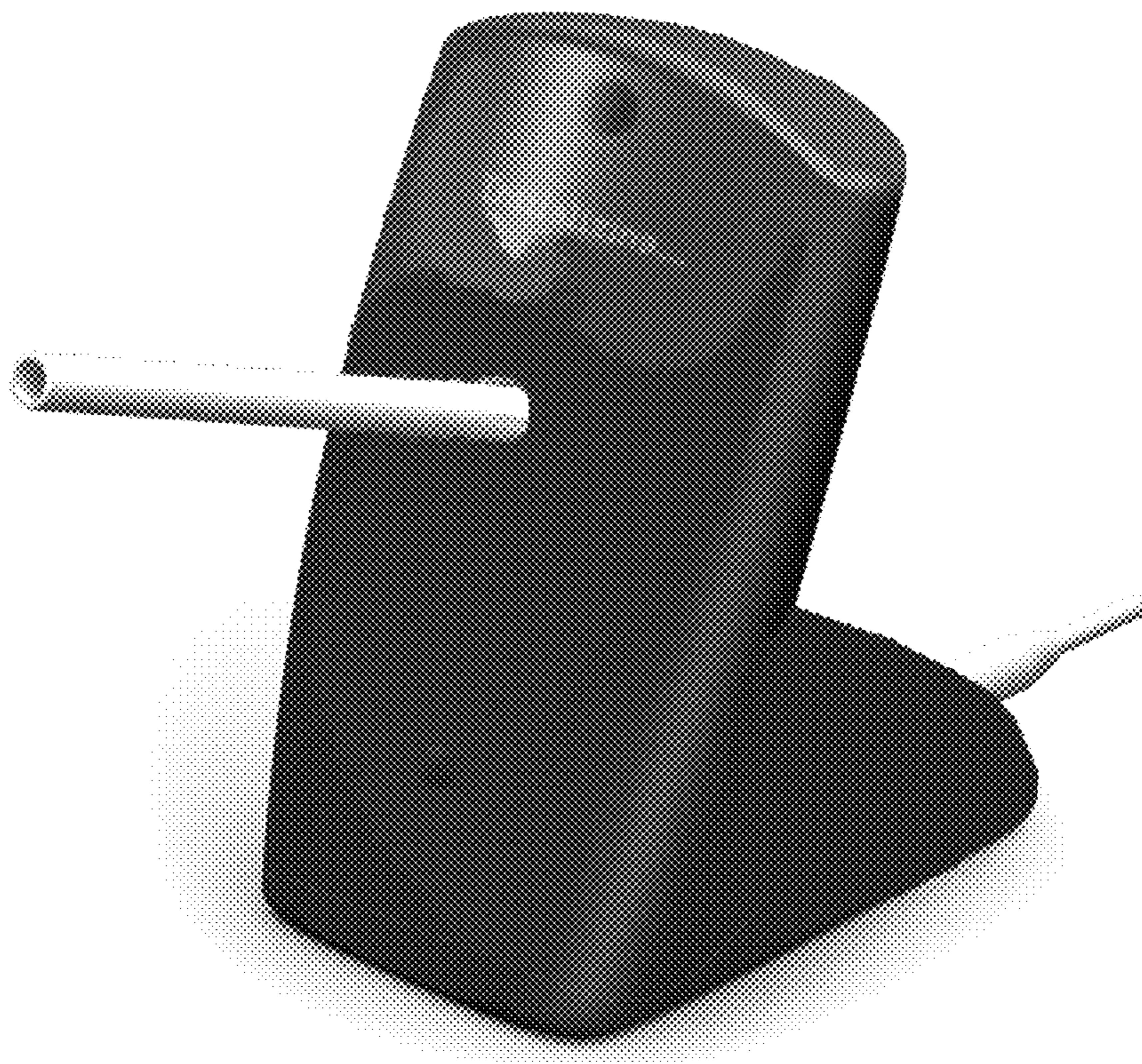


Figure 4



Figure 5