Aug. 31, 1937. P. M. JOHNSON 2,091,759

CHIN REST

Filed Oct. 17, 1934

Fig. 1

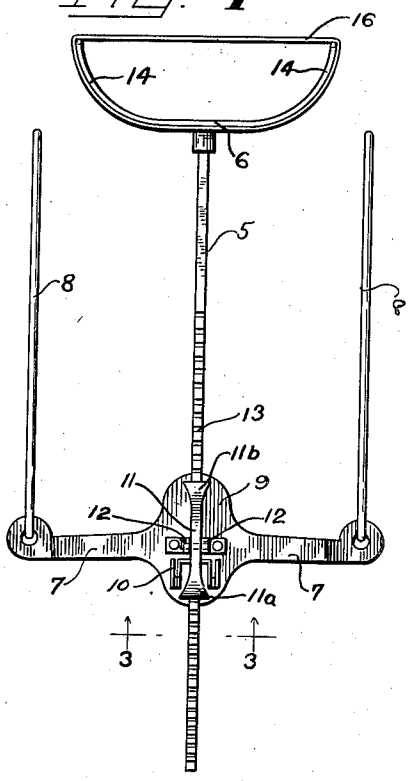


Fig. 2

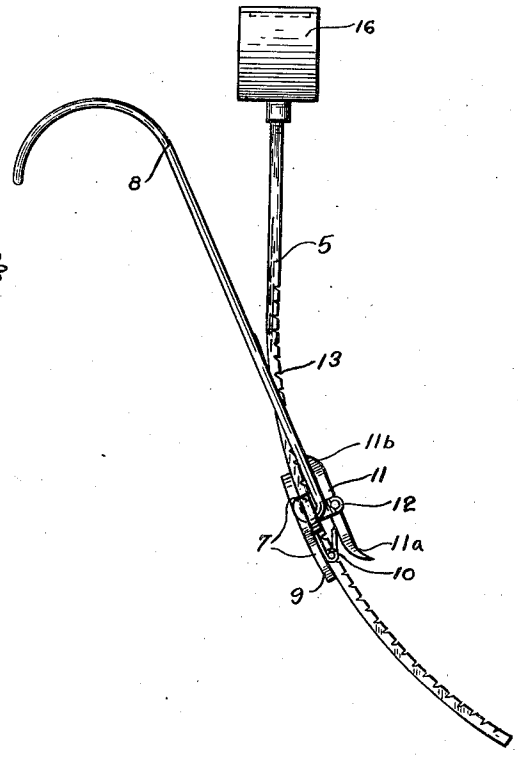


Fig. 3

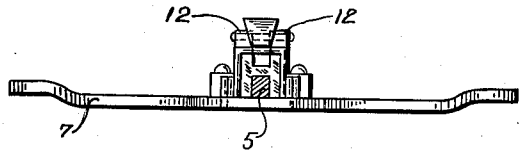
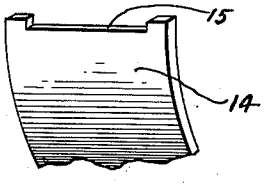


Fig. 4



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Patented Aug. 31, 1937

2,091,759

UNITED STATES PATENT OFFICE

2,091,759

CHIN REST

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Application October 17, 1934, Serial No. 748,715

1 Claim. (Cl. 27—25)

This invention relates to chin rests which are designed to be used by embalmers to support the chin of a cadaver particularly during the embalming operation, which forces fluid under pressure through the arteries and veins of the corpse, and among other objects, the invention aims to provide an improved device of this character having the advantages which will be hereafter pointed out.

In the accompanying drawing showing a preferred embodiment of the invention,—

Fig. 1 is a plan view of the improved chin rest;

Fig. 2 is a side elevation of the same;

Fig. 3 is a section on line 3—3 of Fig. 1 but on an enlarged scale; and

Fig. 4 is an enlarged end view of the curved metal strip forming part of the chin plate.

Referring particularly to the accompanying drawing, there is shown a chin rest which comprises a shank 5 preferably curved for the greater part of its length, as shown in Fig. 2 and being screw-threaded or otherwise removably secured to the chin plate 6. A crossbar 7 is adjustably secured on the shank 5 and extends at right angles to said shank and carries a pair of shoulder braces 8 at its opposite ends. As shown, the shoulder braces have curved extremities so as to fit over the shoulders of the cadaver and they are preferably hinged to the extremities of the crossbar 7. Preferably, said extremities are offset, as shown in Fig. 3, so that the braces may move freely without pressing on the cadaver. If desired, the shoulder braces 8 may be adjustably mounted on the crossbar 7 by any well-known means.

Preferably the intermediate portion of the crossbar 7 is enlarged as indicated at 9 and has a curvature substantially the same as the curvature of the curved portion of the shank 5, as is clearly shown in Fig. 2, and on said enlarged portion 9 a spring 10 is mounted so as to engage with the under side of a detent 11. The detent is pivotally mounted between a pair of ears 12 secured to the enlarged portion 9 and one end of said detent is enlarged to provide a thumbpiece 11*a* and the other end is enlarged as at 11*b* to engage in one of a series of notches 13 formed in the curved portion of the shank 5. As the curved shank is interposed between the detent and the enlarged portion 9 of the crossbar, the detent will hold the shank adjusted relative to the crossbar and hence will permit adjustment of the chin plate and shoulder braces so that the device will be adaptable to many different cadavers.

The chin plate 6 is made large enough to enclose the chin of a very large cadaver and comprises a curved metal plate 14 having end notches 15 between which a rubber band or an elastic textile band 16 is stretched. The band 16 has an aperture to permit attachment of the chin plate 6 to the end of shank 5. The elastic band will yield as the device is tightened and the chin of the cadaver enters the space between the ends of the plate 6. The purpose of this rubber band is to prevent marking of the flesh of the cadaver and also to prevent slipping of the device on the chin. The described device has the additional advantage that it does not close the arteries by improper engagement with the cadaver and hence permits flow of the embalming fluid through all portions of the circulating system. This is because of the engagement of the braces 8 with the shoulders. Other advantages of the described device are that it is easy to adjust to many different sizes of corpses; that it is inexpensive to manufacture; that it is very compact and can be easily carried in the undertaker's case.

Obviously, the present invention is not restricted to the particular embodiment herein shown and described.

Having described one embodiment of my invention, what I claim as new and desire to secure by Letters Patent is:—

A device of the character described comprising, in combination, a shank which is straight for a minor fraction of its length and which is curved for the remainder of its length; a series of notches formed in the curved portion of the shank; a crossbar movable along the shank; a spring-pressed detent on the crossbar adapted to engage one of said notches; a pair of braces hinged to the ends of the crossbar and having their extremities curved to engage the tops of the shoulders of a cadaver; and a chin-engaging plate attached to the straight end of the shank.

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