Nov. 8, 1966 V. L. HARDEN 3,283,755

REDUCING CHIN SUPPORT

Filed April 8, 1964

FIG. 1

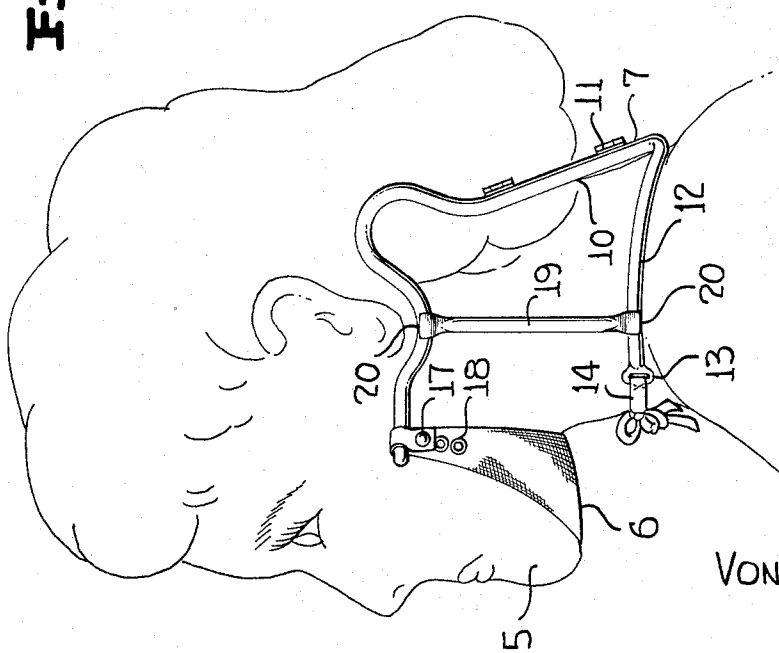


FIG. 2

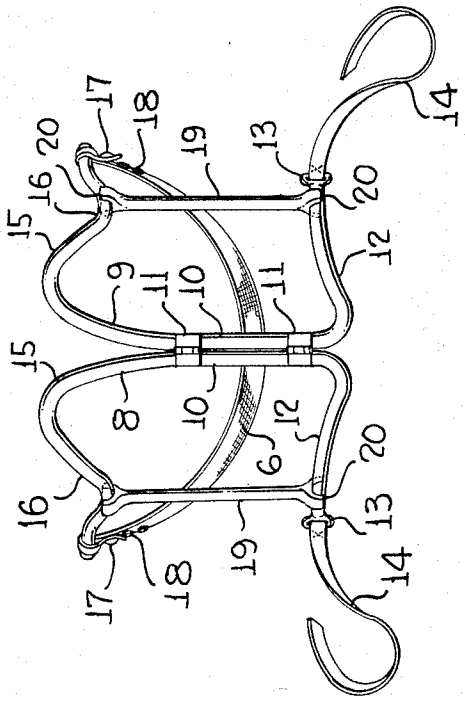
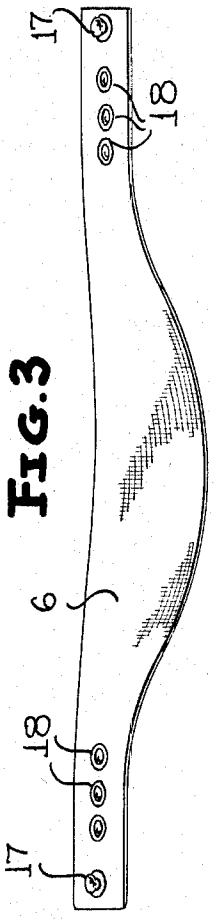


FIG. 3



VONDEL L. HARDEN
INVENTOR

BY Mason, Porter, Miller & Stewart

ATTORNEYS

United States Patent Office

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REDUCING CHIN SUPPORT

Vondel L. Harden, Mount Vernon Terrace, Apt. 69, Waynesboro, Pa.

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The following specification relates to an improved chin support designed to improve the condition commonly referred to as a "double chin."

The invention has for its primary purpose the treatment of the tissue below the chin in order that surplus fatty tissue may be removed, the area below the chin line be made firmer and sagging of the chin be corrected. In the course of this treatment it also follows that the correct posture of the head and neck is attained.

One of the objects of the invention is to provide a device which will afford continuing support to the area underneath the chin.

Another object of the invention is to provide a measure of gentle massage under the chin to effect reduction of the excess fatty tissue.

A still further object of the invention is to tighten the skin and improve the contour of the chin.

Among the objects of the invention is to obtain the desired results without suspending the device from the head or otherwise impair the free mobility of the head.

Among the objects of the invention is also the indirect effect upon the patient of raising the chin and thus improving the posture of the head.

The above and other objects of the invention which will be evident from the following description, are illustrated in the preferred form in the accompanying drawings in which:

FIGURE 1 is a side elevation of the improved reducing chin strap;

FIGURE 2 is a rear elevation of the same and

FIGURE 3 is a plan view of the chin strap.

Briefly described, the invention provides a device which relies entirely upon the support by the shoulders, thus avoiding the use of overhead straps. The frame is adjustable to meet the varying dimensions of the individual user. In like manner, the chin strap is supported from below, permitting the wearer to have unimpaired freedom of movement of the head.

As illustrating the invention, the drawing shows the chin **5** of the wearer to be held in a chin strap **6**. This chin strap is supported by the device from below without in any way impairing the freedom of movement of the wearer's head.

The device comprises a frame **7** consisting of two symmetrical parts **8** and **9**. Each part of the frame has a vertical standard **10**, **10**. These standards are connected by hinges **11**, **11**, so that the members **8** and **9** may be swung apart for ease in application to the neck of the individual wearer.

Lateral yoke members **12**, **12** extend from the lower ends of the standards **10**, **10**. These yoke members terminate in eyelets **13**. Tie strings **14**, **14** are adapted to be tied together in front of the neck after the yoke members **12**, **12** are brought to rest upon the shoulders of the wearer.

The upper ends of **15**, **15** of the standards **10**, **10** are bent outwardly generally in the same vertical plane as

the yoke members **12**, **12** to form arms. The intermediate portions of the arms **15** are bent downwardly as at **16** to avoid interference with the wearer's ears.

The front ends of the arms **15**, **15** extend to points opposite the cheek bones of the wearer. At that point they form supports for the chin strap **6**. This chin strap comprises a band of flexible resilient material, preferably woven. At each end it is provided with a stud **17**. Inwardly from the stud **17** is a series of spaced eyelets **18**. As shown on FIGURE 1, one end of the strap is wrapped around each free end of the arms **15**, **15**. The stud **17** is then fitted adjustably within one of the eyelets **15**. In this manner the upward pressure or support of the chin is accomplished.

The spacing between the lower yoke members **12** and the bends of the arms **15**, is accomplished by means of a rigid bar **19**. This is a prop or brace by which the arm **15** is held at a fixed desired distance above the yoke member **12**. The brace **19** is selected in accordance with the proportions of the wearer's neck and to provide adequate support of the arm **15** on the yoke member **12**. Each brace **19** is bifurcated as at **20**, **20** at each end so that it may grip frictionally on the members **12** and **15**.

It will be readily understood that the yoke **12**, **12** can be comfortably fitted over the shoulders of the wearer and the front ends tied together with the ribbons **14** over the collar bone.

The suitable selections of the braces **19**, **19** will hold the arms **15**, **15** in the desired height without, however, interfering with the wearer's ear.

The chin strap is then adjustably attached to the free ends of the arms **15**, **15**, so that the desired tension is exerted on the area beneath the chin of the wearer.

The device will not confine the head of the wearer. It can be worn confortably for a considerable period of time. Whenever in place it will exert a general pressure. This will serve to reduce excess fatty tissue. At the same time it has material value in improving the posture of the chin and head.

The invention has been described and illustrated in its preferred form without limitation as regards material or proportions.

What I claim as my invention is:

1. A device for supporting and reducing the flesh beneath the chin, comprising two vertical hinged standards, horizontal yoke members extending forwardly laterally from the lower ends of the standards, means to tie the free ends of the yoke members together, horizontal arms extending forwardly from the upper ends of the standards, a vertical brace between each yoke member and the corresponding arm, and an adjustable resilient strap removably attached to the free ends of the arms.

2. A device for supporting and reducing the flesh beneath the chin, comprising two vertical hinged standards, horizontal yoke members extending forwardly laterally from the lower ends of the standards, means to tie the free ends of the yoke members together, horizontal arms extending forwardly from the upper ends of the standards, downwadly curved intermediate portions on the arms, vertical braces between each yoke member and the curved portion of the corresponding arm, and an adjustable resilient strap removably attached to the free ends of the arms.

3. A device for supporting and reducing the flesh beneath the chin, comprising two vertical hinged standards, horizontal yoke members extending forwardly laterally from the lower ends of the standards, means to tie the free ends of the yoke members together, horizontal arms extending forwardly from the upper ends of the standards, a removable vertical brace frictionally held by each yoke member and the corresponding arm, and an adjustable resilient strap removably attached to the free ends of the arms.

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RICHARD A. GAUDET, *Primary Examiner.*

L. W. TRAPP, *Assistant Examiner.*