J. H. LAMONT.

CATCH DEVICE FOR ADJUSTING STRAPS FOR LENGTH.

APPLICATION FILED DEC. 21, 1920.

1,384,666. **Patented July 12, 1921.**

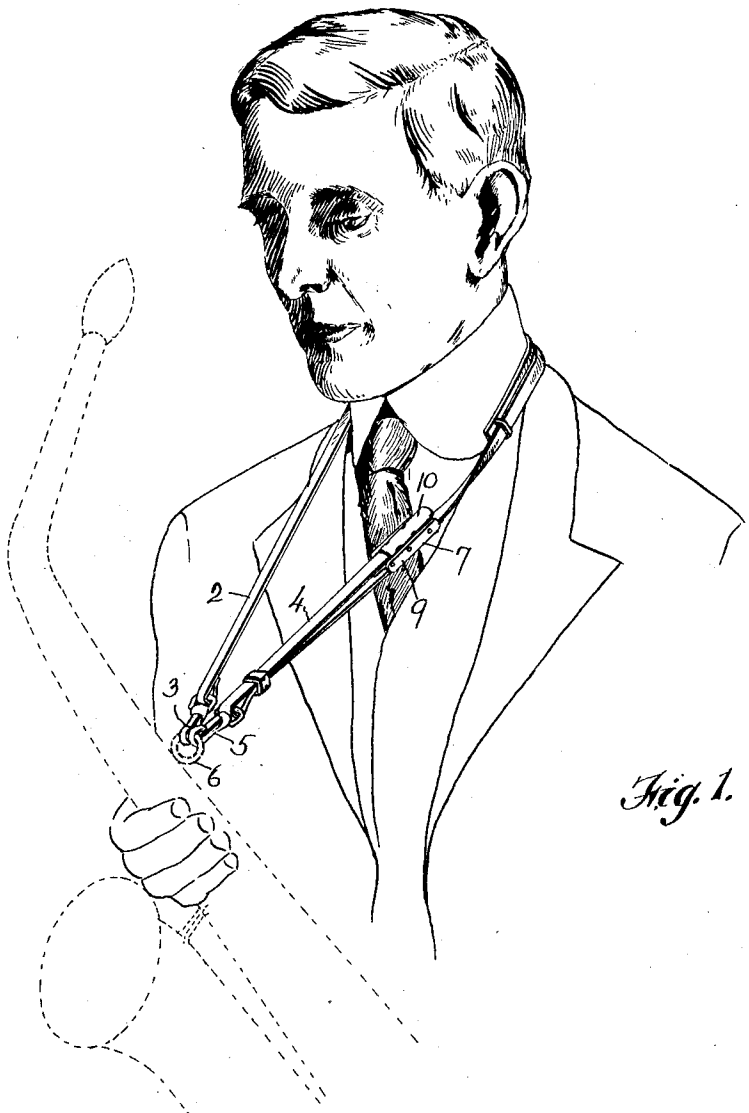
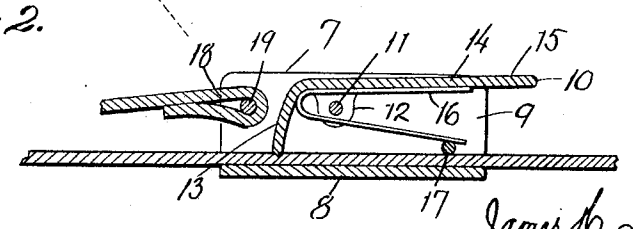


Fig. 1.

Fig. 2.



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UNITED STATES PATENT OFFICE.

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CATCH DEVICE FOR ADJUSTING STRAPS FOR LENGTH.

1,384,666. Specification of Letters Patent. Patented July 12, 1921.

Application filed December 21, 1920. Serial No. 432,199.

To all whom it may concern:

Be it known that I, JAMES H. LAMONT, a citizen of the United States, resident of Coatesville, in the county of Chester and State of Pennsylvania, have made a certain new and useful Invention in Catch Devices for Adjusting Straps for Length; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a perspective view of the invention as applied.

Fig. 2 is a central longitudinal section of the invention.

The invention has relation to adjustable straps for supporting musical instruments such as saxophones and useful for other purposes, the invention residing mainly in an improved catch device for adjusting the strap for length more quickly and easily.

The invention consists in the novel construction and combinations of parts as hereinafter set forth.

In the accompanying drawings illustrating the invention, the numeral 2 designates the strap, which in the present instance passes around the neck of the musician and is provided at one free end with a snap hook 3 and at its other free end portion with an adjustable loop 4 with which is engaged another snap hook 5, the two snap hooks being engaged with an eye 6 of the instrument in supporting the same.

In adjusting the loop 4 for length to shorten or lengthen the strap as a whole, it is common to use an ordinary buckle, and in place of this applicant provides a catch device, consisting of a body 7 of sheet metal, having a plane bottom 8, and parallel upturned flanges 9, a gripper lever 10, being fulcrumed intermediately of its length at 11, through downturned lugs 12, thereof to said flanges, and having one arm 13 bent downwardly into position to engage the strap and its other arm 14 forming the top of the catch device and extending between said flanges toward the rear end of and projecting beyond the same, at 15, to enable the lever to be more readily operated.

A U-form spring 16, has one arm located beneath the arm 14 of the gripper lever close thereto, and the other arm engaged with a transverse pin 17, connecting the flanges 9 at one end portion thereof, the strap 2, passing beneath the pin 17, and beneath the gripper end of the lever 10, and being thereby confined close to the bottom 8, and the spring acting to normally hold the downturned or gripper end of the lever in engagement with the strap to thereby retain the adjustment of the strap for length.

In the use of the invention, the lever is depressed by finger pressure upon the tail arm thereof, thereby releasing the strap, after which the catch device as a whole (to which the other end portion of the strap is connected at 18, through transverse pin 19) is slid along the strap to shorten or lengthen the loop 4, and upon release of said lever, the strap will be engaged thereby to retain the adjustment. Or, another method of use, is to hold the catch device with one hand, and pull the strap therethrough with the other hand, the frictional engagement of the lever with the strap retaining the adjustment upon release of the parts.

The body of the device with its plane bottom and upturned lateral flanges forms an inclosure for the parts working therein, which are thereby concealed from view and protected, and prevented from catching in the clothing.

I claim:—

An open-ended box-form device for adjusting a strap for length, consisting of a sheet-metal body having a bottom and lateral flanges extending the full length thereof, a lever fulcrumed between said flanges and having an inturned arm extending toward said bottom and adapted in coöperation therewith for frictional engagement with a strap, a transverse strap-confining pin connecting said flanges at one end portion of said body and spaced apart from said bottom, and a transverse strap-engaging pin connecting said flanges near the other end portion of said body adjacent to

said inturned arm, said lever forming one side of said device and being protected throughout the major portion of its length by said flanges, and a spring located between said flanges and bearing at one end against said lever and at the other end against said first named pin.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES H. LAMONT.

Witnesses:
ROBT. H. BERNAU,
O. H. MONHOLLEND.