No. 677,086. Patented June 25, 1901.

O. JONES.

BUCKLE.

(Application filed Oct. 26, 1900.)

(No Model.)

Fig. 1.

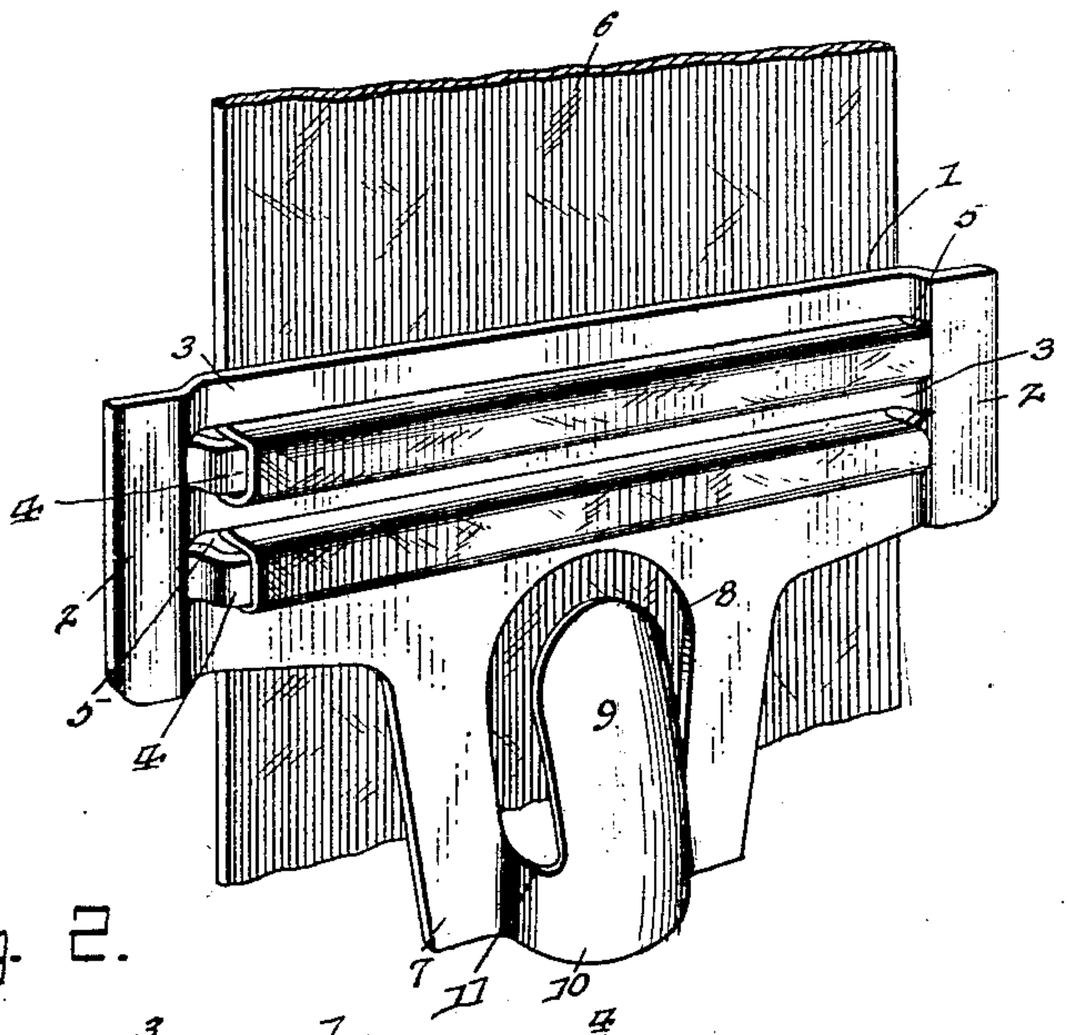

Fig. 2.

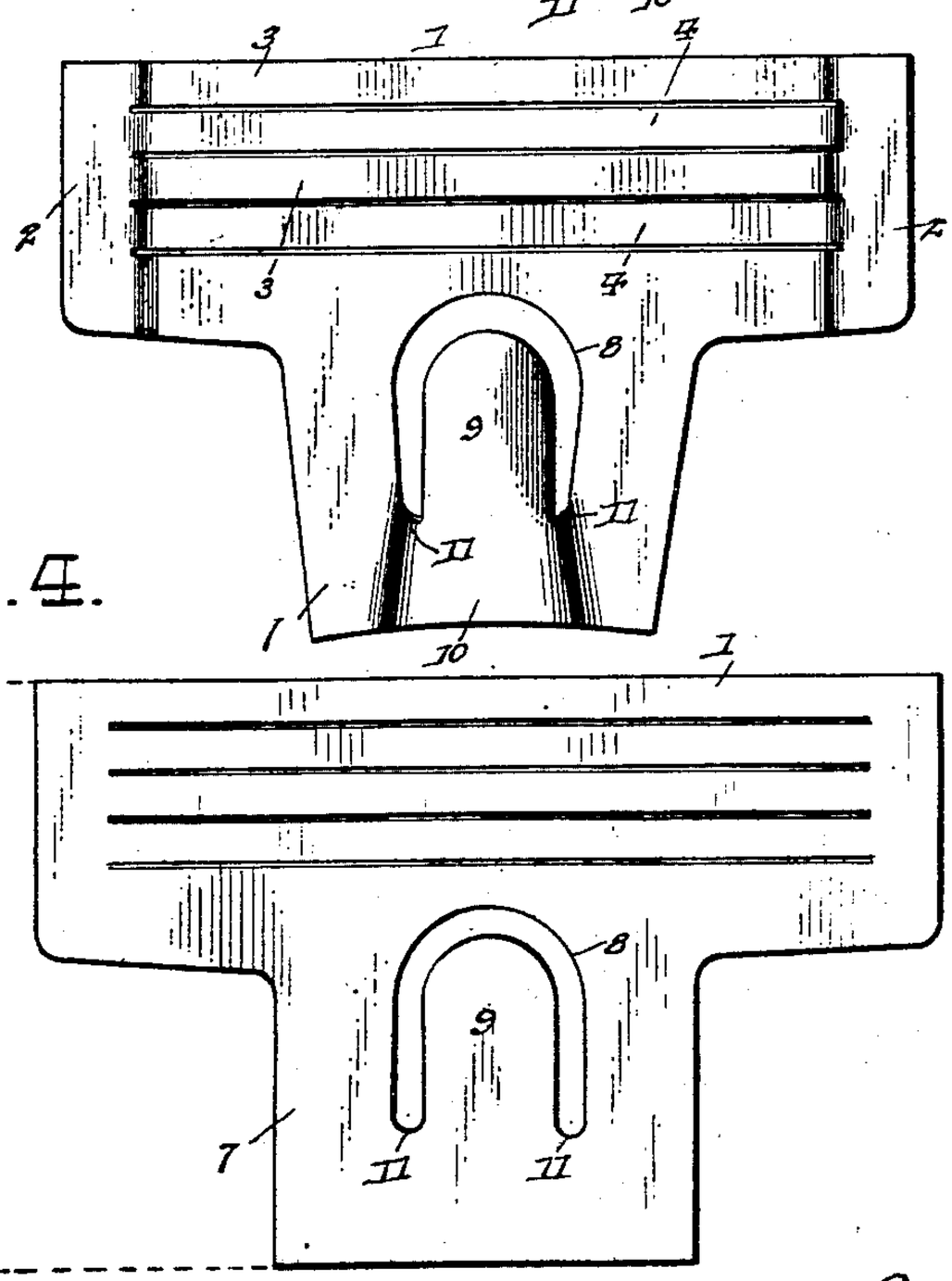

Fig. 3.

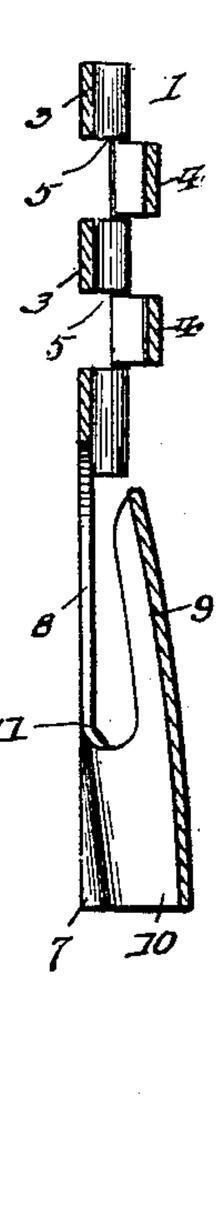

Fig. 4.

Witnesses
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UNITED STATES PATENT OFFICE.

OTIS JONES, OF SENOIA, GEORGIA.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 677,086, dated June 25, 1901.

Application filed October 26, 1900. Serial No. 34,451. (No model.)

To all whom it may concern:

Be it known that I, OTIS JONES, a citizen of the United States, residing at Senoia, in the county of Coweta and State of Georgia, have invented a new and useful Buckle, of which the following is a specification.

This invention relates to a combined back-band buckle and trace-carrier; and the object of the present improvement is to provide a simple and effective device of this character adapted to be easily and readily adjusted on the back-band and be securely held in place when adjusted and one wherein the trace-chain link or analogous device may be easily attached to the carrier-hook and bear upon oppositely-disposed shoulders forming a portion of the latter and prevented from becoming accidentally disengaged, the improved device being constructed from a single piece of sheet metal and struck up into form from a blank.

The invention consists in the construction and arrangement of the several parts, which will be more fully hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of a portion of a back-band, showing the improved combined buckle and carrier applied thereto. Fig. 2 is a front elevation of the same. Fig. 3 is a transverse vertical section. Fig. 4 is a plan view of a blank from which the improved device is struck up.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

The numeral 1 designates the upper body portion of the improved device, having outstruck ends 2 and intermediate alternately-depressed and outstruck bars 3 and 4, the outstruck bars being located over slots 5. The back-band 6 is alternately threaded under the depressed bars 3, through the slots 5, and over the outstruck bars 4, as shown by Fig. 1, and thus a secure fastening is provided for the combined device to prevent slipping of the same from its adjusted position, but capable of being shifted either upwardly over or downwardly on the back-band to obtain any elevation desired. Depending from the center of the body 1 is a hanger 7, having a vertically-disposed horseshoe-shaped slot 8 formed therein to provide a hook 9, the lower portion of the hanger being compressed from opposite side edge portions to outwardly bulge the base 10 of the said hook and form shoulder-rests 11 at each side of the hook-shank proper, the latter also being given a concavo-convex form longitudinally and bent inwardly at an incline, the upper free end of the hook having the maximum inward projection to prevent accidental disengagement of the trace-chain link therefrom, all as clearly shown by Fig. 3. The shoulder-rests 11 also form a valuable improvement in this class of devices, because a stable bearing is provided for the trace-chain link and wear directly on the hook proper is materially relieved, and, furthermore, it will be observed that the metal between the said rests and the lower terminal of the hook proper has considerable extent, and the wearing qualities of this portion of the improved device are materially increased. Furthermore, by this particular construction the engaged trace-chain link is permitted to have its lower portion drop below the lower terminal of the hook and avoid wear on the lower portion of the device, this application being possible in view of the outwardly curved or bulged formation at the lower portion or base of the hook. It will also be seen that the concavo-convex form of the hook proper will give the latter a rigidity sufficient to prevent bending when under stress of the trace-chain link in engagement therewith, and particularly in view of the fact that the said link only bears on the opposite side edges thereof.

The improved device is formed from the blank illustrated by Fig. 4, and, as shown by dotted lines in this figure, the said blanks can be cut from a strip of sheet metal without a particle of waste except the formation of the opening around the tongue, and by this means the improved article can be cheaply and readily manufactured. Many other advantages will appear from time to time to those using the device, and changes in the size, proportions, and minor details may be resorted to without departing from the spirit of the invention.

Having thus described the invention, what is claimed as new is—

A combined buckle and trace-carrier formed from a sheet-metal blank and comprising a

body having the upper portion bent to produce alternately-arranged depressed and outstruck bars for engagement with a backband, and formed with a central depending hanger having a slot therethrough and an upwardly-extending inwardly-inclined hook of concavo-convex form and bent to form an outward bulge at the lower portion thereof, the said bulge continuing to the lower end of the hanger and providing shoulders at the base of the hook proper that stand out from the face of the hanger, the latter being compressed from opposite side edge portions to produce the said bulge.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

OTIS JONES.

Witnesses:
G. D. POLLOCK,
S. J. ELDER.