

No. 891,226.

PATENTED JUNE 23, 1908.

R. BAIRD.
BUCKLE.

APPLICATION FILED JAN. 6, 1908.

Fig. 1.

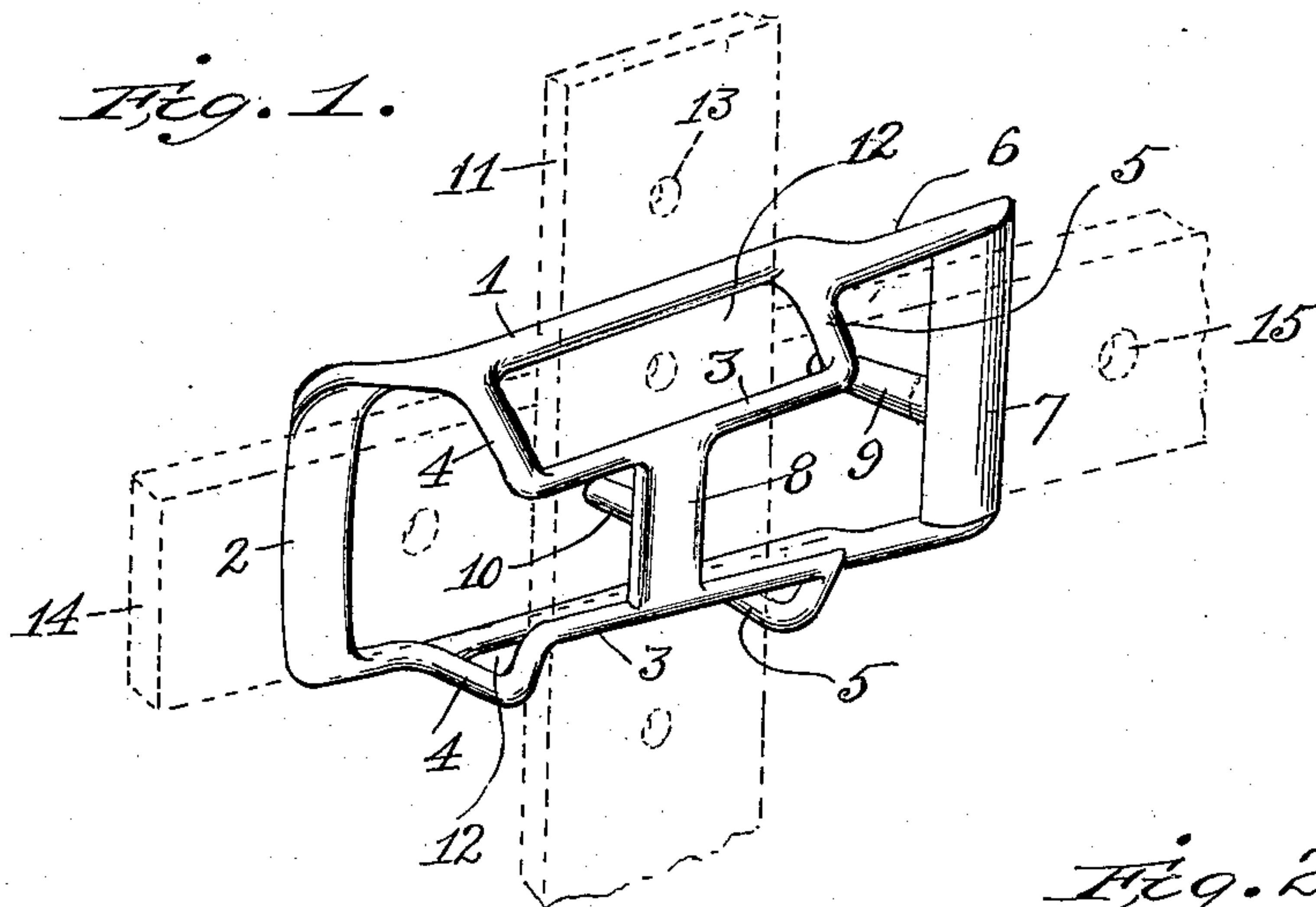


Fig. 2.

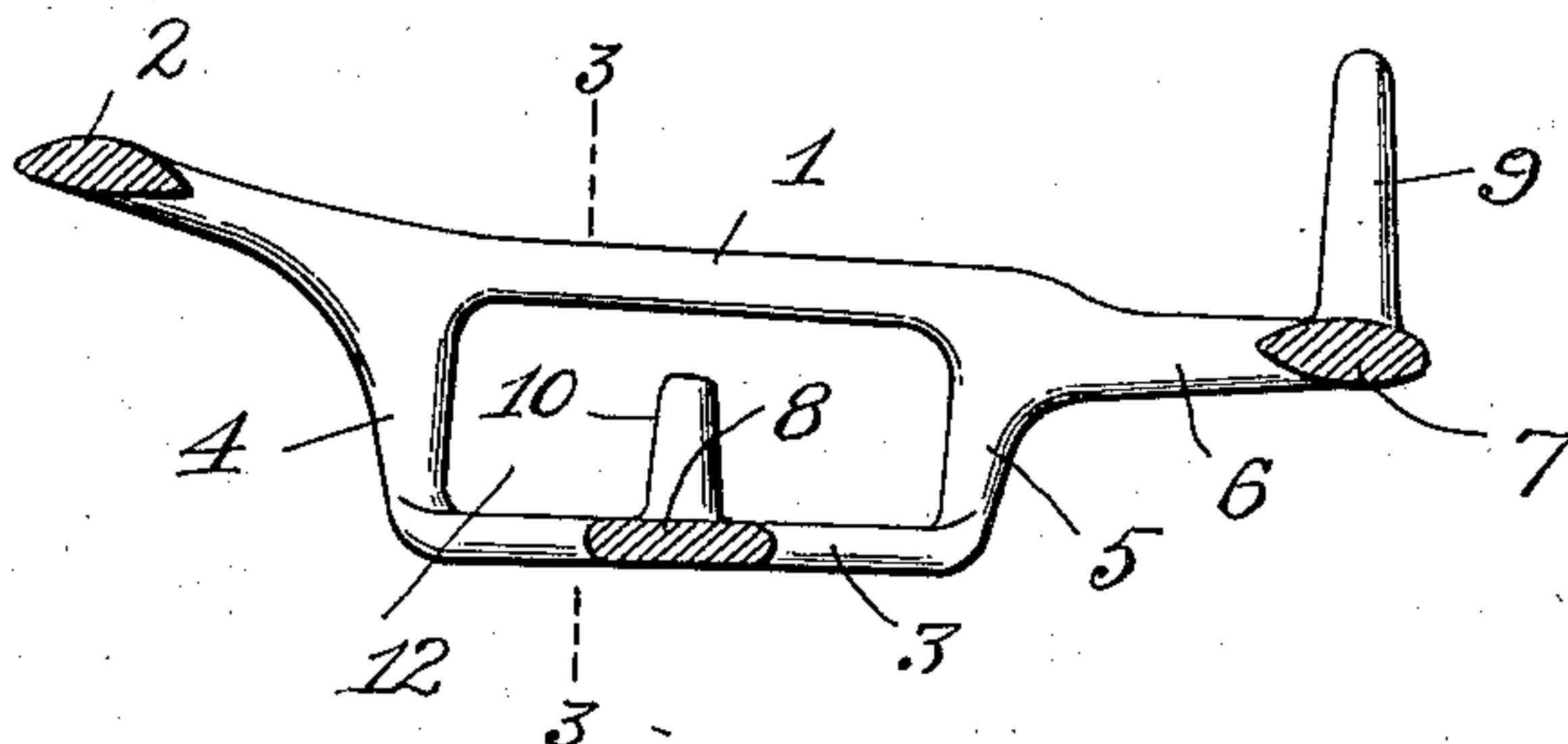


Fig. 3.

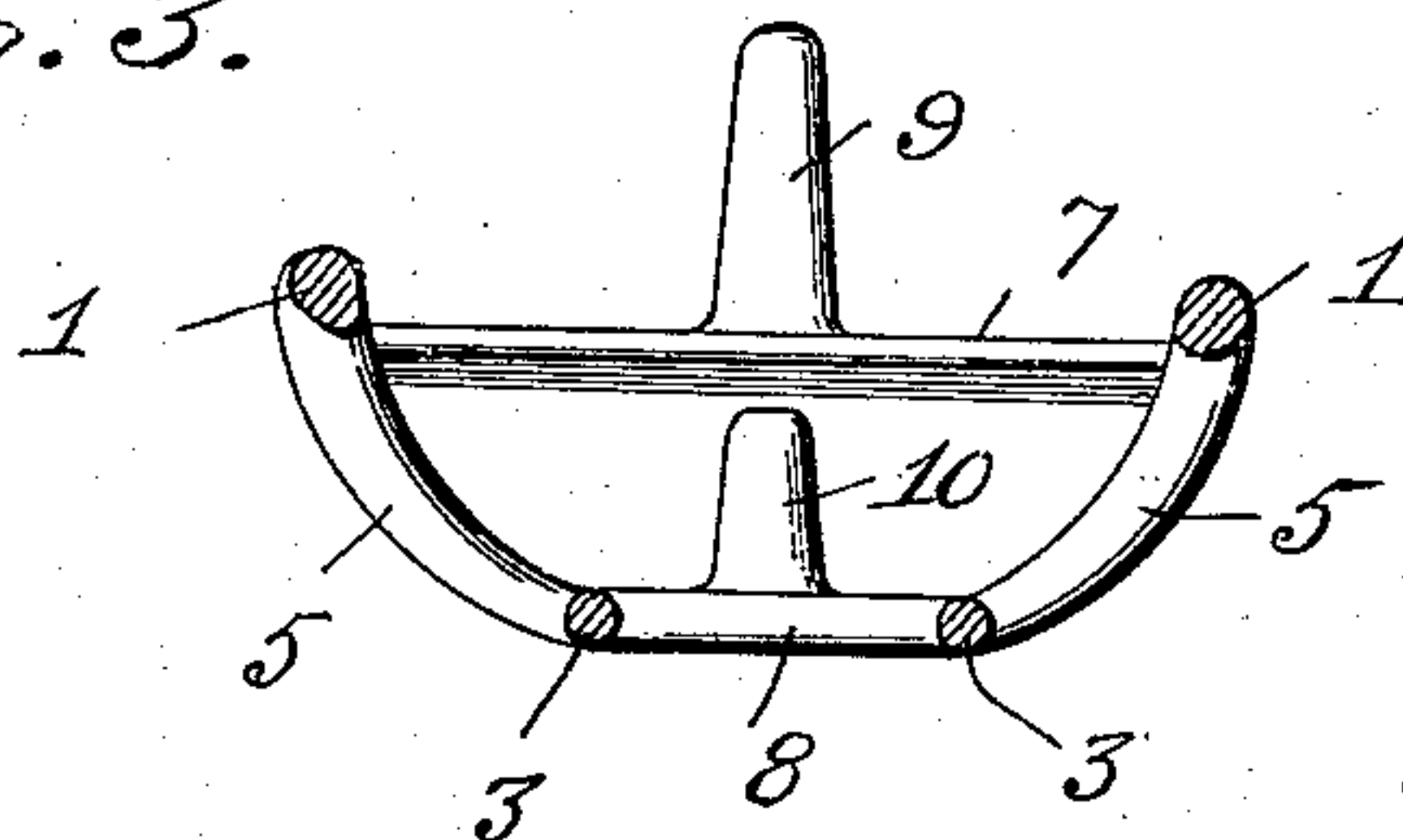
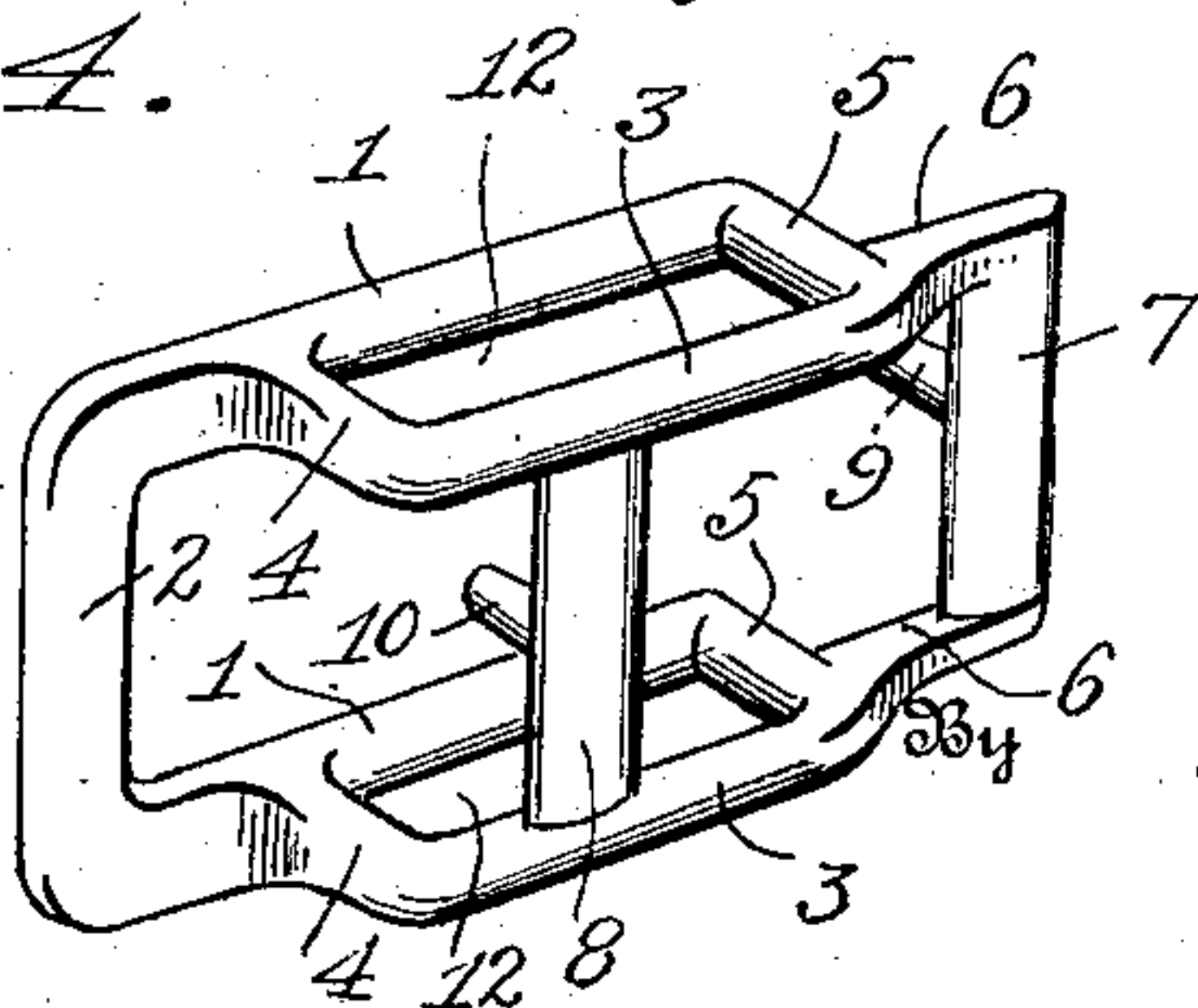


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

ROBERT BAIRD, OF ST. THOMAS, NORTH DAKOTA.

BUCKLE.

No. 891,226.

Specification of Letters Patent.

Patented June 23, 1908.

Application filed January 6, 1908. Serial No. 409,475.

To all whom it may concern:

Be it known that I, ROBERT BAIRD, a citizen of the United States, residing at St. Thomas, in the county of Pembina and State of North Dakota, have invented certain new and useful Improvements in Buckles, of which the following is a specification.

My invention relates to integrally formed harness buckles and has for its object to provide certain improvements in the construction of the same, as will hereafter more definitely be pointed out and claimed, reference being had to the accompanying drawing, in which:

Figure 1 is a perspective view of my improved buckle. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a transverse sectional view on the line 3—3 of Fig. 2. Fig. 4 is a perspective view of a slightly modified form of construction.

Similar numerals of reference denote corresponding parts in the several views.

In the drawing the frame of my improved buckle is composed of two parallel back pieces 1, connected at one end by the cross piece 2. Lying parallel with, but spaced apart from said back pieces, are front pieces 3, connected to said back pieces 1 at one end of said front pieces by posts 4, which are connected to the back pieces 1 intermediate their length. The other ends of said front and back pieces are connected by posts 5, and extending from said posts are the arms 6, that are united at their outer ends by the cross bar 7. Intermediate the length of the front pieces 3 they are united by a cross bar 8, while projecting from the centers of said cross bars 7 and 8 and toward the back pieces 1, are the pins or nibs 9 and 10.

In applying the buckle the end of the back strap 11 of the harness is first passed through the rectangular spaces 12 formed by the back and front pieces 1 and 3 and the posts 4 and 5, and one of the holes 13 therein engaged by the pin or nib 10 on the cross bar 8. The trace 14 of the harness is then passed longitudinally through said buckle, back of the cross bars 7 and 8, and one of its holes 15 is engaged by the pin or nib 9.

From the above description it will be seen that the rectangular spaces 12 are of a size sufficient to receive the back strap 11, while back of it lies the trace 14, which passes back

of the cross bar 7 but in front of the cross piece 2.

The parts are retained in position in engagement with the pins or nibs 9 and 10 by the cross piece 2, it being observed that the arms 6 and the cross bar 7 lie somewhat back of the front pieces 3 and cross bar 8, and slightly in front of the back pieces 1, to leave room for the passage of the trace 14 without interfering with the back band 11.

It will also be observed that the device as shown in Figs. 1, 2, and 3, is so constructed that the front pieces 3 lie parallel with the back pieces 1, and at the same time lie closer together than said back pieces, whereby the device as a whole may be cast without employing core pieces to form the rectangular spaces 12.

In Fig. 4 I have illustrated a slightly different construction, wherein the front pieces 3 lie directly in front of the back pieces 1, which arrangement would necessitate the use of core pieces in casting the article.

The lower projecting end of the back strap 11 may be buckled to the usual belly-band (not shown) of the harness, if desired.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. As an article of manufacture, the herein described buckle, comprising longitudinal front and back pieces spaced apart and connected to provide transverse rectangular apertures for the reception of the harness back band, and transverse bars provided with projecting pins or nibs extending in one direction only.

2. As an article of manufacture, the herein described buckle comprising longitudinal back pieces and a cross piece at one end, front pieces lying parallel with but spaced from said back pieces and connected thereto by posts to form transverse rectangular apertures adapted to receive the back-band of the harness, a cross bar uniting said front pieces intermediate their length, arms united by a cross bar extending from one pair of said posts and lying in a plane intermediate said front and back pieces, and pins or nibs projecting from said cross bars towards the back pieces and adapted to engage the back strap passed through said rectangular apertures and the trace passed longitudinally through the

buckle inside of said cross bars but outside of said cross piece uniting the ends of the top pieces.

3. As an article of manufacture, the herein
5 described buckle, comprising longitudinal front and back pieces spaced apart and connected to provide rectangular apertures for the reception of the harness back-band, one pair of said pieces lying closer together than

the other pair, and bars provided with projecting pins or nibs extending in one direction only. 10

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

ROBERT BAIRD.

Witnesses:

WILLIAM S. BRADLEY,
C. A. APPLETON