

(No Model.)

H. ANISZ.
SUSPENDER BUCKLE.

No. 305,561.

Patented Sept. 23, 1884.

Fig. 1.

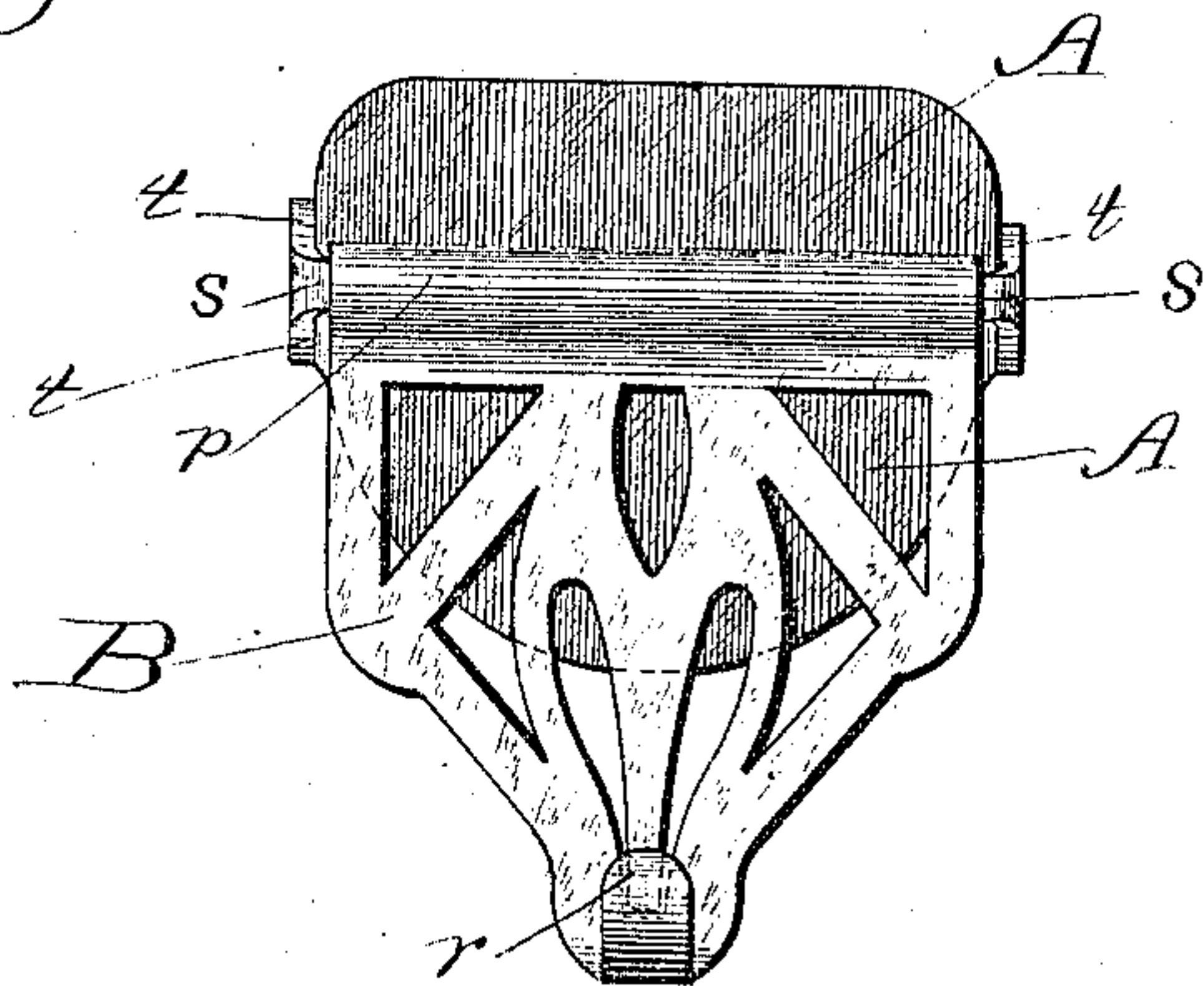


Fig. 2.

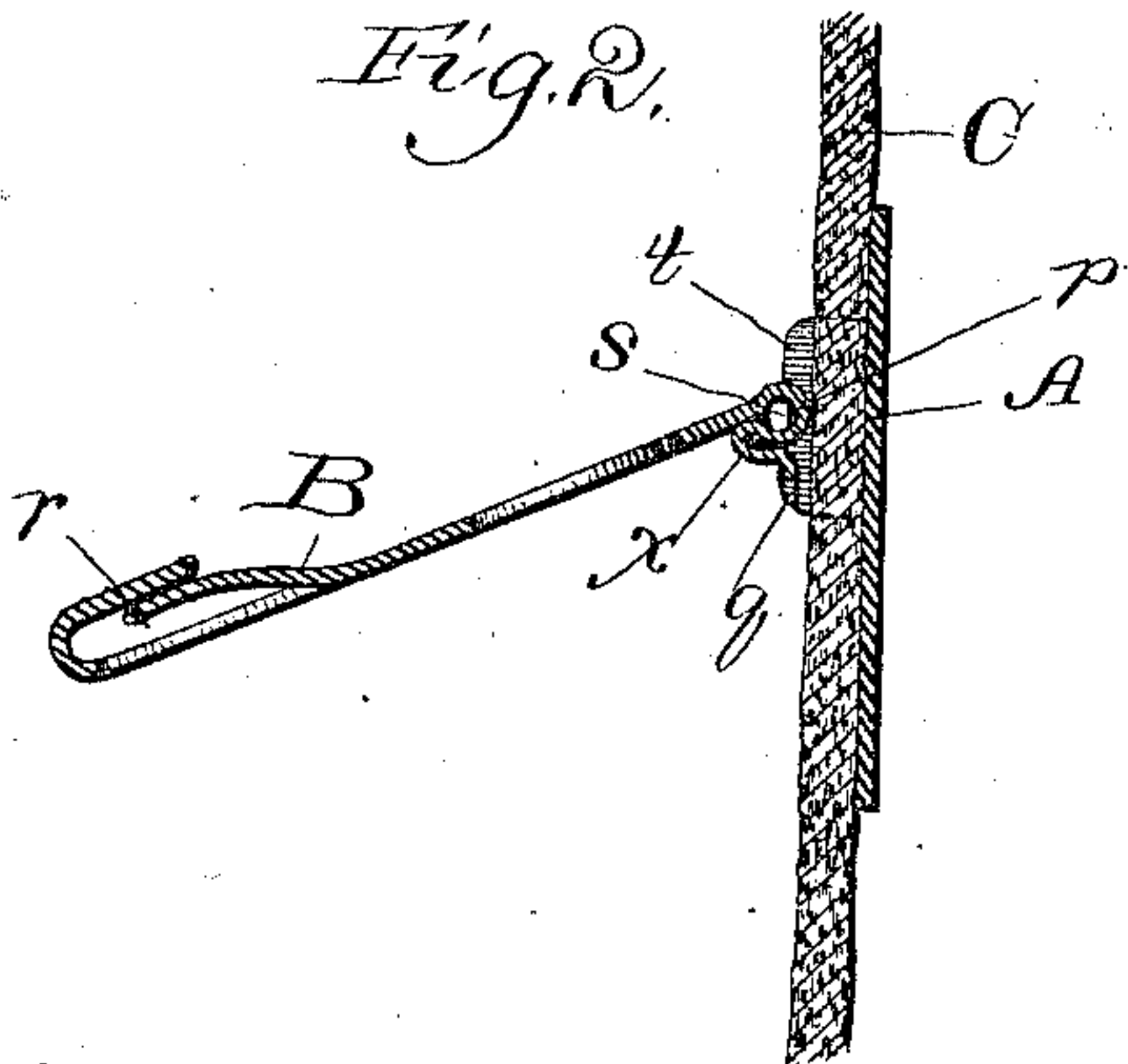


Fig. 3.

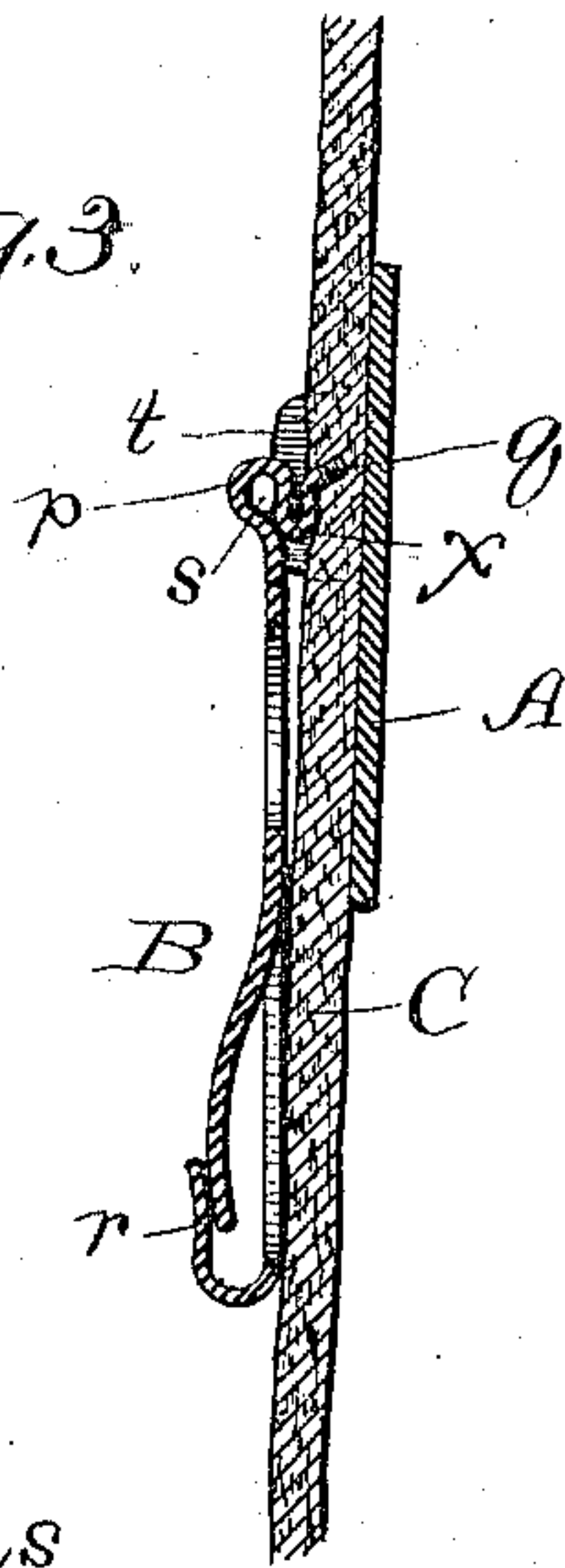
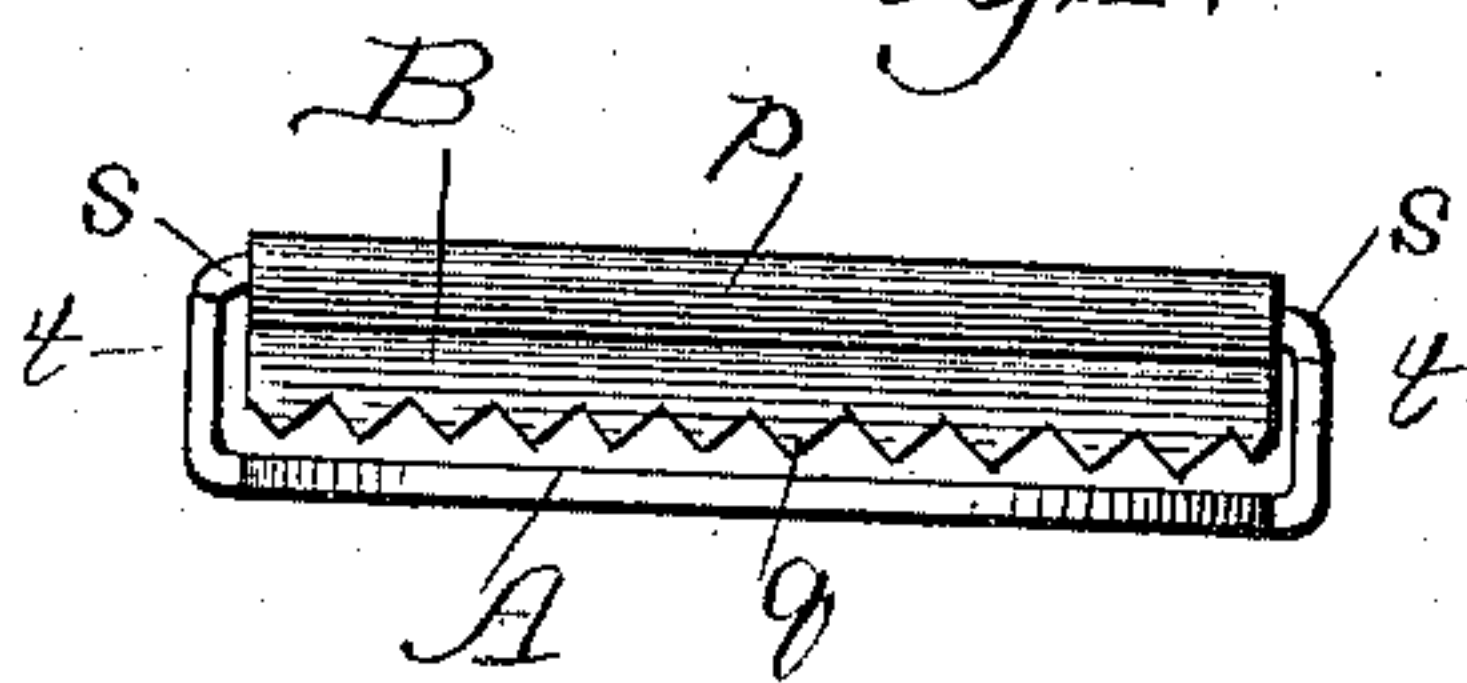


Fig. 4.



Witnesses:
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UNITED STATES PATENT OFFICE

HERMAN ANISZ, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO SOLOMON PRICE AND ISAAC L. PRICE, BOTH OF SAME PLACE.

SUSPENDER-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 305,561, dated September 23, 1884.

Application filed June 28, 1884. (No model.)

To all whom it may concern:

Be it known that I, HERMAN ANISZ, a subject of the King of Hungary, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Suspender-Buckles; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to the class of adjusting devices for regulating suspenders which comprise a plate, generally of ornamental form, provided at one end with a clasp, upon which the ring of the suspender-end is hooked, or a ring upon which the suspender-end—in this case provided with a clasp or hook—is attached, and having toward its center, on its rear side, backward-projecting ears, smallest at their extremities, which are bent inward toward each other, to lie parallel with and transversely to the surface of the plate and constitute supports for the clamping device. This clamping device comprises, ordinarily, a metallic plate, provided with teeth formed on one edge and stamped to form lateral ears, which are bent to a cylindrical form, to surround the ears upon the first-named plate, which ears, as before stated, form supports for the serrated plate, upon which it has a pivotal movement, the clamping-plate being bent in a manner to enable the suspender-strap to be penetrated by the teeth by pressure upon one end of the plate, and to be released from engagement with the teeth by pulling outward upon the end of the serrated plate. The objections to the form of buckle above described, and which it is intended shall be surmounted by my improvement, are the following: In the foregoing class of devices the cylindrical ends of the serrated clamping-plate, and the backward-projecting ears referred to, upon which the clamping-plate is pivotally supported at each end, present sharp edges, which are liable to tear the garment with which they are in constant contact; and, furthermore, the clamping-plate itself is of such narrow dimensions, and, owing to the form it is caused to assume to permit it to be readily operated, presents such sharp edges and such an angular surface to the person of the wearer that he is liable to be hurt if the plate is from any

cause pressed or suddenly forced against his body.

My improvement consists in forming the ears which support the clamping-plate to project forward upon a plate having a broad surface which lies against the body of the wearer, and forming the clamping-plate, provided with teeth upon its upper edge, and to be supported upon the forward projecting ears of the supporting-plate to compose the front portion of my device, by which construction the objections above set forth are overcome.

In the drawings, Figure 1 presents a front view of my device disconnected from a suspender-strap to prevent covering of the rear plate and to permit its lower part to be seen through the perforations in the clamping-plate; Fig. 2, a longitudinal sectional view of my device applied to a suspender-strap, showing the clamping-plate raised, whereby its teeth are disengaged from the strap to permit the latter to be adjusted; Fig. 3, a view similar to that represented in Fig. 2, but showing the clamping-plate set to cause its teeth to penetrate the material of the suspender-strap, whereby the latter is retained in its adjusted position, and Fig. 4 a view representing the end comprising the upper end of my device when adjusted upon a suspender in use, showing the teeth in the front or clamping plate.

A is a flat metallic plate of broad dimensions, preferably of the form shown in Fig. 1 of the drawings. At each side of the plate A an ear, *t*, is formed to project forward. The ears are narrowed toward their ends to form tongues *s*, which are bent toward each other, as clearly shown in Fig. 1.

B is the clamping-plate, of sheet metal, either plain or ornamented, as shown, and provided with a clasp, *r*, toward one end, or, instead of a clasp, an annular opening, if desired, the provision of either a clasp or ring depending upon whether the suspender-end is provided with the one or with the other. The opposite end of the plate B is provided with teeth *q* on its edge, and this end is provided with two bends, one backward and downward to form a cylinder, *p*, into which a tongue, *s*, enters at each end, to support the plate B and permit its pivotal movement upon the plate

A, and the end of the part so bent is again bent forward, as shown at *x*, Figs. 2 and 3, and the teeth on the edge bent to lie at an angle with the body of the plate B. The suspender-strap C, which is passed between the plates A and B inside the tongues *s*, is held in any position to which it may be adjusted when the plate B is clamped down to cause the teeth *q* to penetrate the material forming the strap C, and the adjustment of the strap is permitted by raising the clamping-plate to disengage the teeth *q* from the material of the strap.

I am aware that I am not the first to recognize the desirability of a suspender-buckle which shall accomplish one of the purposes of my invention—viz., that of avoiding wear upon the garment with which it is in constant frictional contact when in use, as a suspender-buckle purporting to afford this advantage has hitherto been invented and patented. The construction of the device referred to differs, however, very materially from the construction by means of which I effect this purpose, since it comprises a front plate with backward-projecting ears provided with perforations forming bearings for the projecting points of a sheet-metal lever having a serrated jaw. The protection to the garment of the wearer is de-

signed to be effected in the invention referred to by passing the end of the suspender-strap backward through a slot in the lever, whereby it is caused to lie between the person of the wearer and the buckle, whereas in the form of buckle in common use the end of the strap is passed down and outward between the plate and lever, thus permitting the bare buckle to lie against the person, and producing thereby the objectionable consequence of wear upon the garment against which it lies.

What I claim as new, and desire to secure by Letters Patent, is—

A suspender-buckle comprising a broad flat plate, A, to lie against the person of the wearer, and provided with forward-projecting ears *t*, and a plate, B, provided toward one end with means, substantially as described, for attaching a suspender-end upon it, and pivotally secured toward its opposite end upon the ears *t*, and provided upon its said opposite end with teeth *q*, the whole being constructed and arranged to operate substantially as described, and for the purpose set forth.

HERMAN ANISZ.

In presence of—

SOLOMON PRICE,

WM. H. DYRENFORTH.