

M. F. BURNS.
GARMENT SUPPORTER.
APPLICATION FILED APR. 7, 1909.

952,601.

Patented Mar. 22, 1910.

Fig. 1.

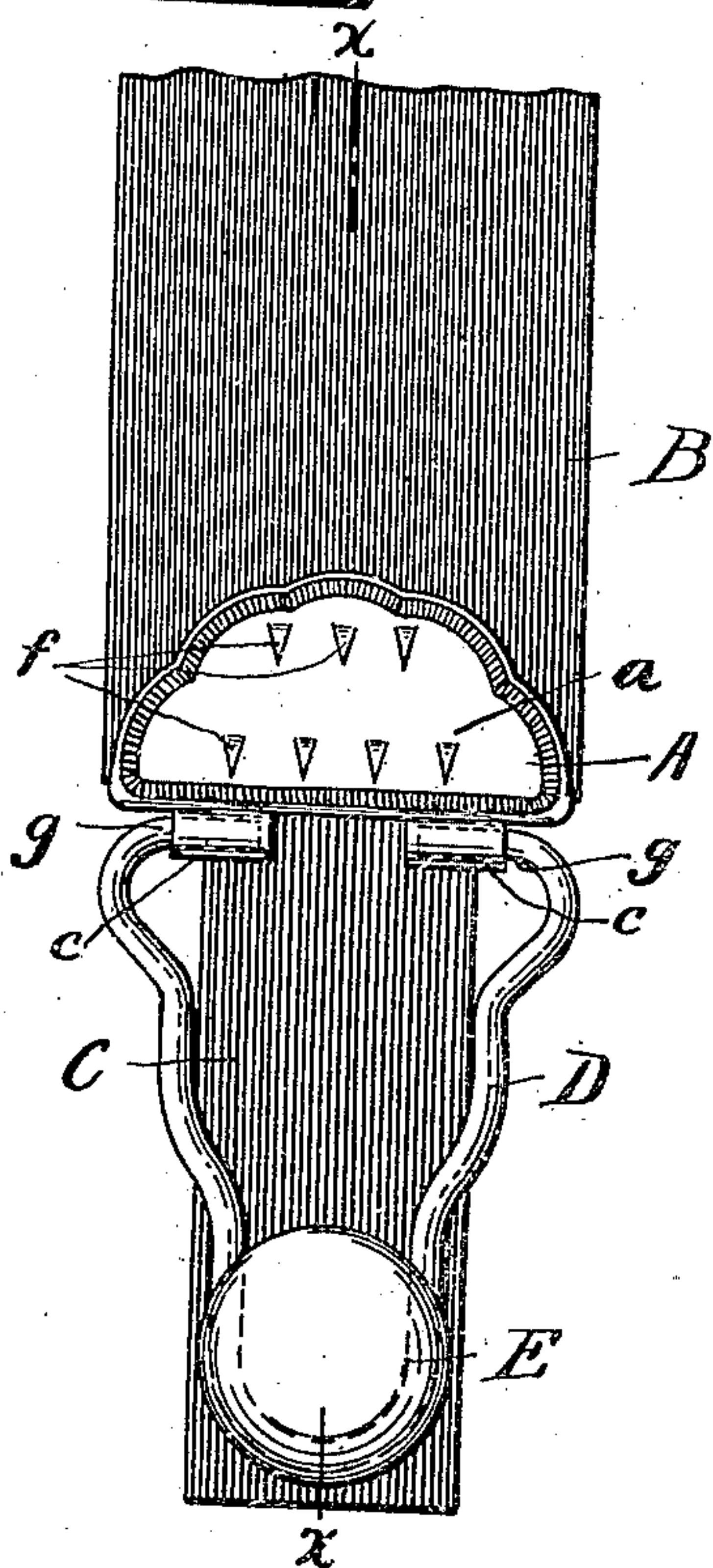


Fig. 3.

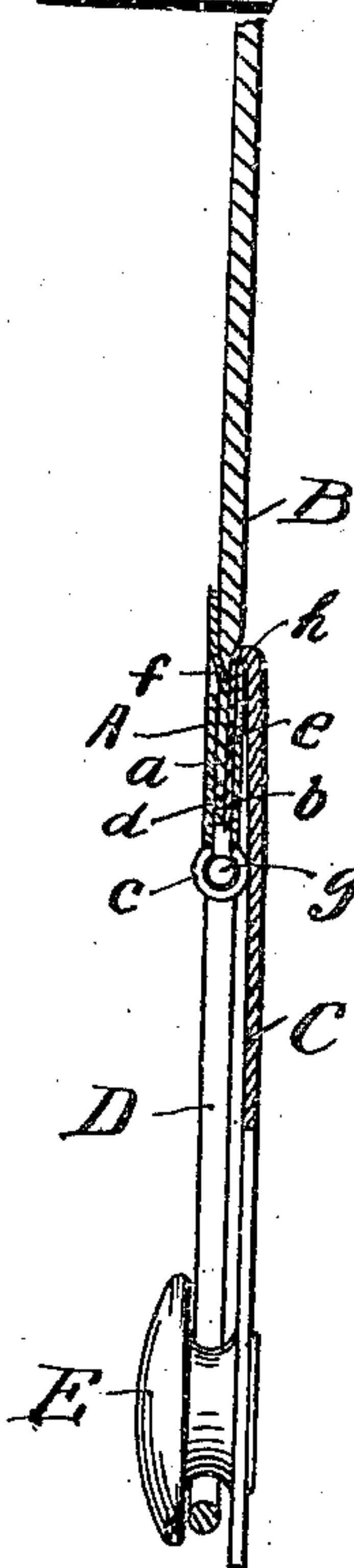


Fig. 2.

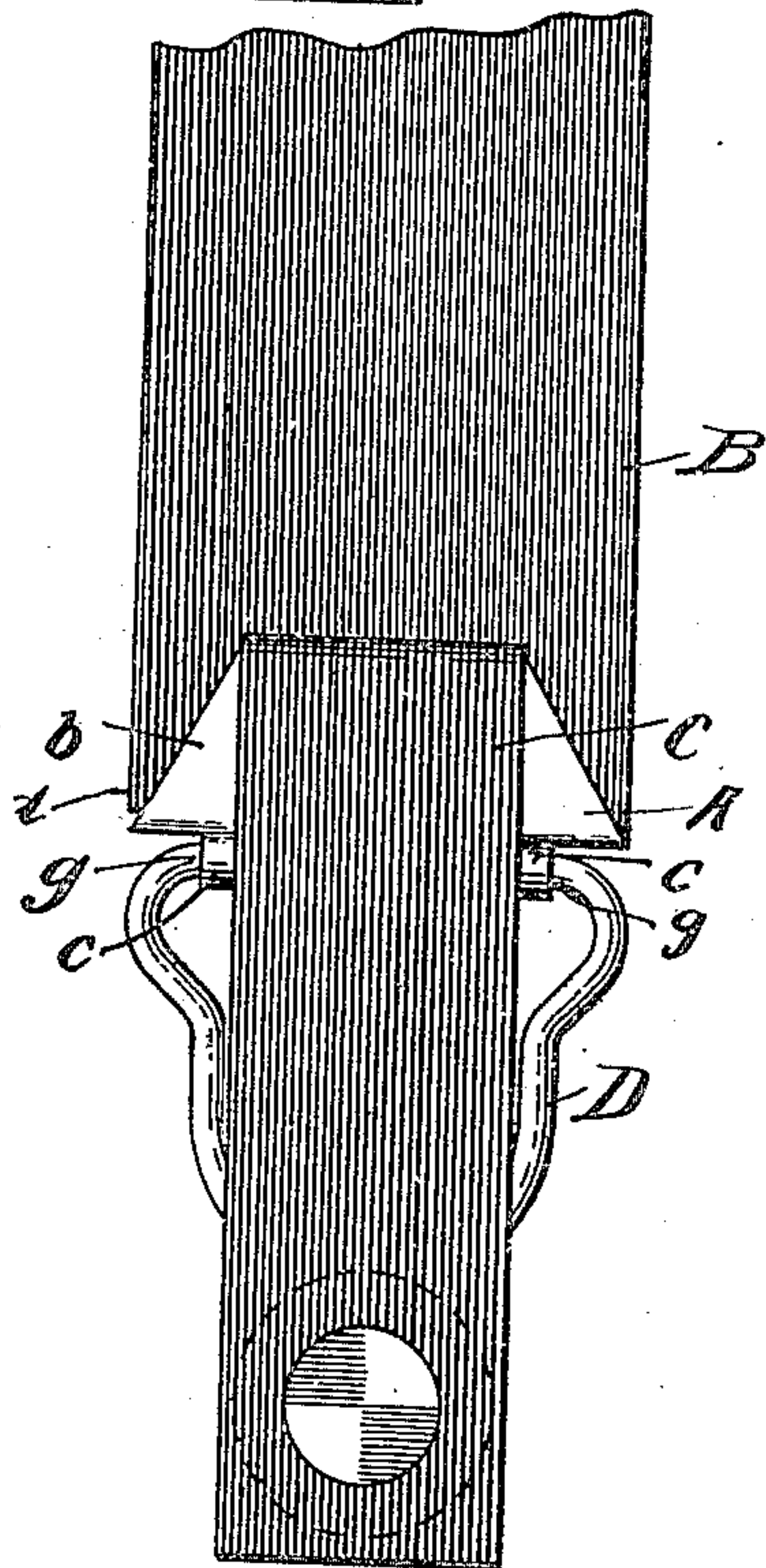


Fig. 4.

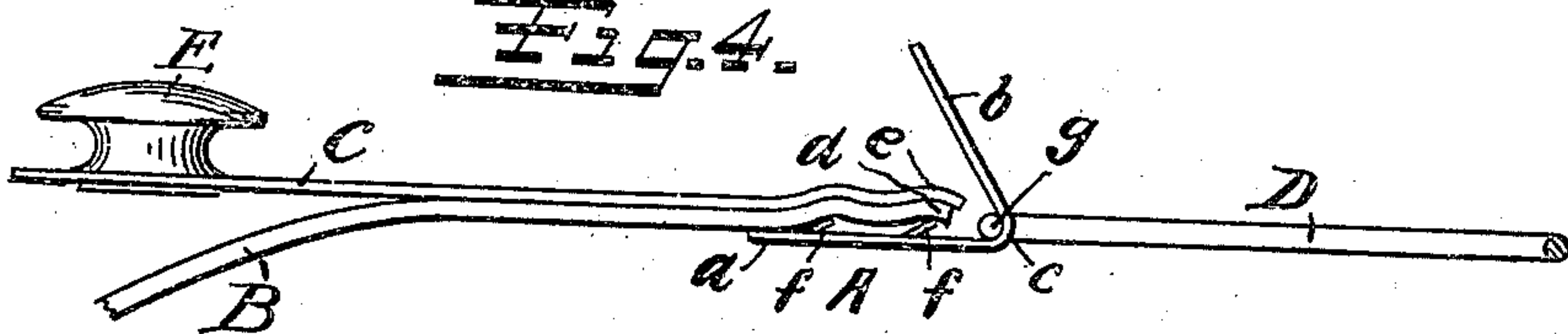


Fig. 6.

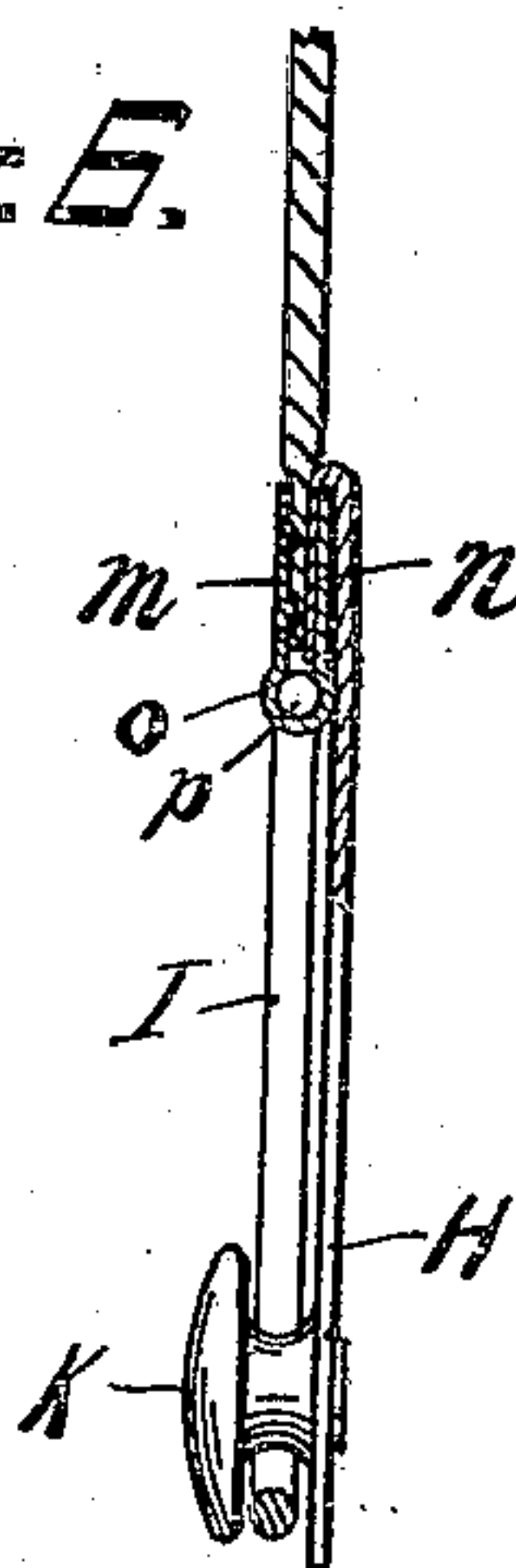
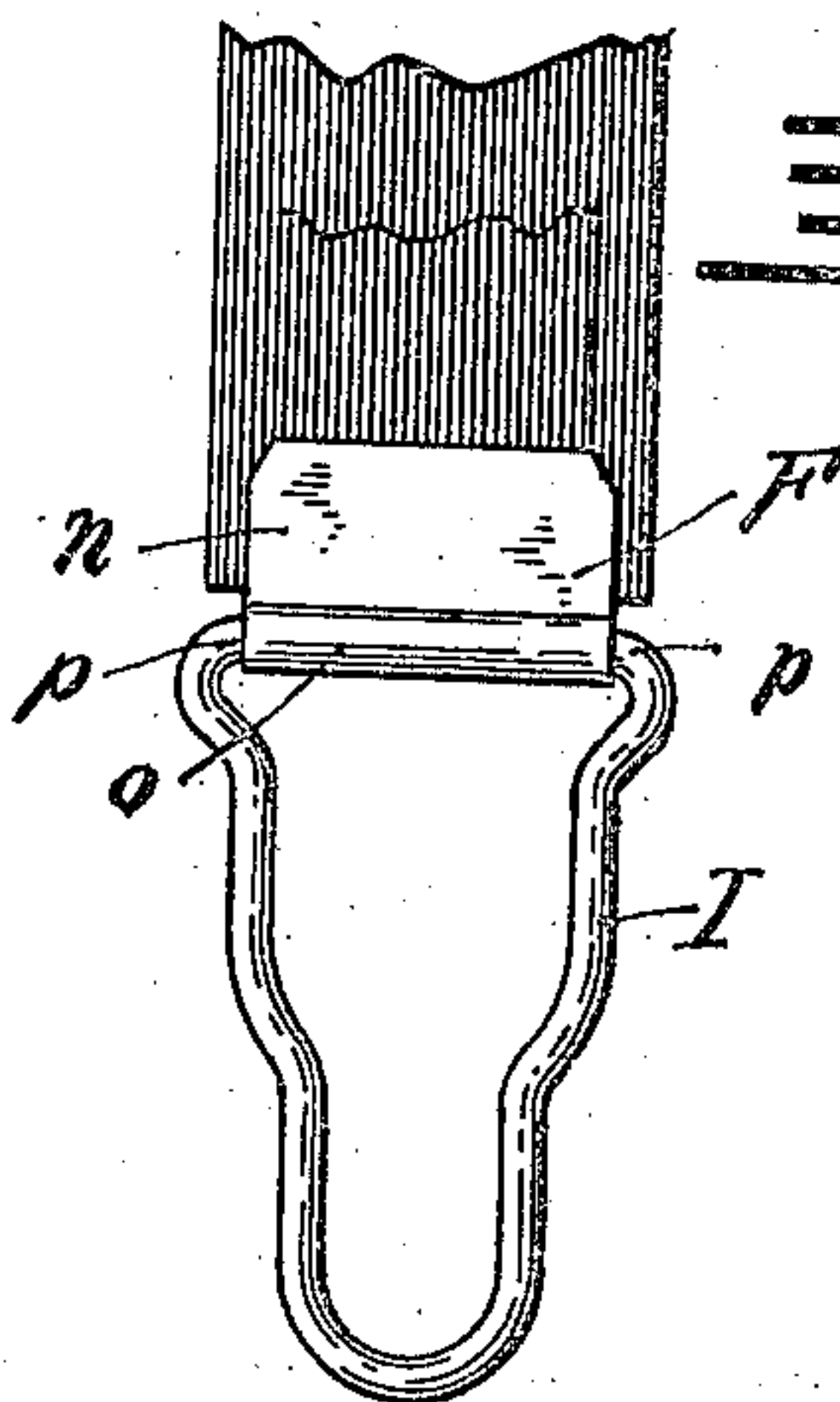


Fig. 5.



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UNITED STATES PATENT OFFICE.

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GARMENT-SUPPORTER.

952,601.

Specification of Letters Patent.

Patented Mar. 22, 1910.

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To all whom it may concern:

Be it known that I, MATTHEW F. BURNS, a citizen of the United States, residing at Derby, in the county of New Haven and State of Connecticut, have invented a certain new and useful Improvement in Garment-Supporters, of which the following is a specification.

My invention relates to clasps of the loop and button type which are generally carried by the extremity of a supporting strap or webbing of hose supporters, but which may be used on garment supporters generally.

The object of my invention is to provide a neat and economical device of this character in which the expedient of sewing either the supporting strap or button tab can be entirely eliminated.

With this and other objects in view my invention consists in the details of construction and manner of operation fully set forth in the following description and accompanying drawings in which like reference characters refer to corresponding parts.

In the drawing: Figure 1 is a front view of a hose supporter having my clasp embodied therein; Fig. 2, a rear view of the hose supporter shown in Fig. 1; Fig. 3, a central vertical section of Fig. 1; Fig. 4, a view showing the manner of assembling the parts; Fig. 5, a rear view of a modification showing the tab raised to expose the fastening means, and Fig. 6, a central vertical section of Fig. 5 the tab being in operative position.

Referring to Figs. 1 to 4 inclusive the body portion A of my device is made out of a single piece of sheet metal suitably blanked and folded upon itself to form a front plate or shield *a* and a back plate or lip *b* having the bottom edges joined by the pintle sockets *c, c*. Confined between the front plate *a* and the back lip *b* are the extremities *d* and *e* of the supporting strap or webbing B and the button tab C respectively. The inner face of the front plate *a* may be provided with piercing prongs or spurs *f* which embed themselves in the confined fabric in such a manner as to assist in preventing the same from being pulled out. Journaled to swing in the pintle sockets *c, c* are the pintles *g, g* of the wire loop D. A button E is carried by the lower extremity of the tab to cooperate with the loop D in the manner well known in operating loop and button clasps.

The exact configuration of the front plate *a* is not material and may present any suitable ornamental design. The back lip *b*, however, has its top edge *h* straight and of a width equal to that of the tab C for the purpose of keeping the latter uniformly spread and frictionally engaging the portion drawn over the top of lip thereby relieving the strain on the confined extremity of the tab and materially assisting in holding the same in its confined position. This manner of fastening the extremity of the tab C presents the rustless effect, so called, because a layer of fabric is interposed between the garments or body of the wearer and the metal portion of the device. The ends of both the strap B and the tab C are also confined and concealed thereby preventing raveling or fraying.

To assemble the parts the body portion A is bent and struck up to the partially open position shown in Fig. 4 and placed in a suitable machine so that its back lip *b* projects upwardly. The loop D is then placed over the back lip *b* so that the pintles *g, g* will lie in the open pintle sockets *c, c*. The supporting strap B and the tab C are then grasped by the operator so that the free extremities will lie face to face, or layer on layer, and the ends coincide. The ends thus held together by the operator are inserted in under the lip the tab being uppermost. The lip *b* is then swaged or pressed down by the machine closing the pintle sockets *c, c* and compressing and confining the extremities *d* and *e* of the tab and supporting strap. The spurs *f* embed themselves in the strap thereby assisting in fastening the latter. It will be observed that in my improved form of clasp all of the parts will be readily assembled in a single operation and that the elimination of the usual sewing and stitching operations enables minimum lengths of straps and tabs to be utilized.

My device is susceptible of various modification a particular instance being shown in Figs. 5 and 6 in which the body portion F has its front and back plates *m* and *n* of the same dimension and configuration but confining the strap G and tab H carrying the button K, in the same manner as in the preceding figures. The front and back plates *m* and *n* are connected at their lower edges by the continuous pintle socket *o* in which latter is journaled the pintles *p, p* of the loop

member I. Otherwise the construction and operation of this modification are the same as the form shown in the preceding figures.

Having now described my invention what
5 I claim and desire to protect by Letters Patent is:

10 In a garment supporter the combination with a supporting strap, a button loop and a button tab which is narrower than the supporting strap, of a sheet metal binder provided with web holding spurs on its inside face portion, the said binder being folded upon itself around the top of said loop to form a pivotal bearing therefor at the ex-

tremity of the fold and a pair of gripping 15 lips between which latter are confined the respective extremities of the supporting strap and button tab so that the side edges of the supporting straps are left unconfined, one of the said lips having a transversely 20 disposed edge for keeping the tab uniformly spread and around which the said tab may draw when put under stress.

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