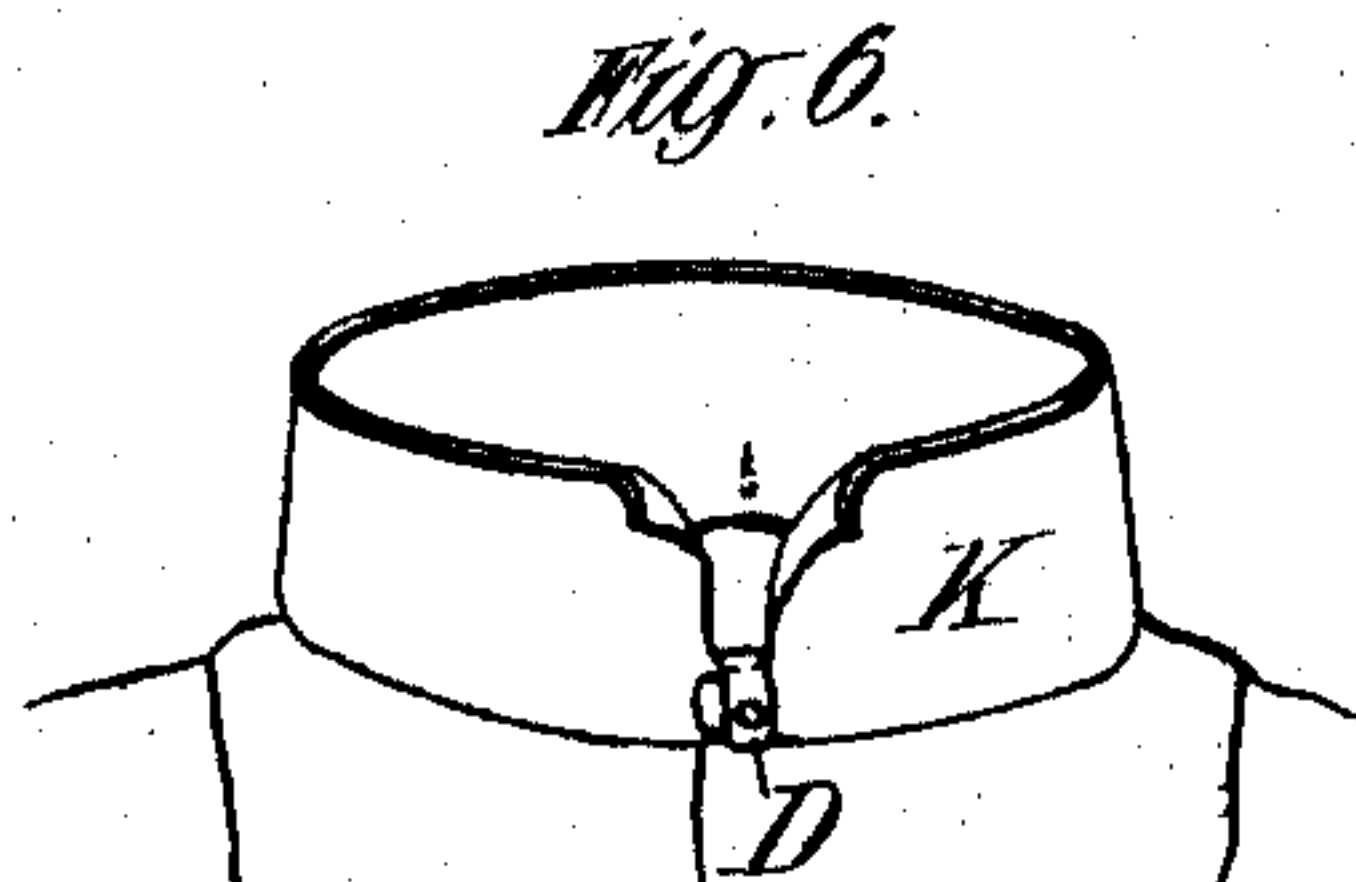
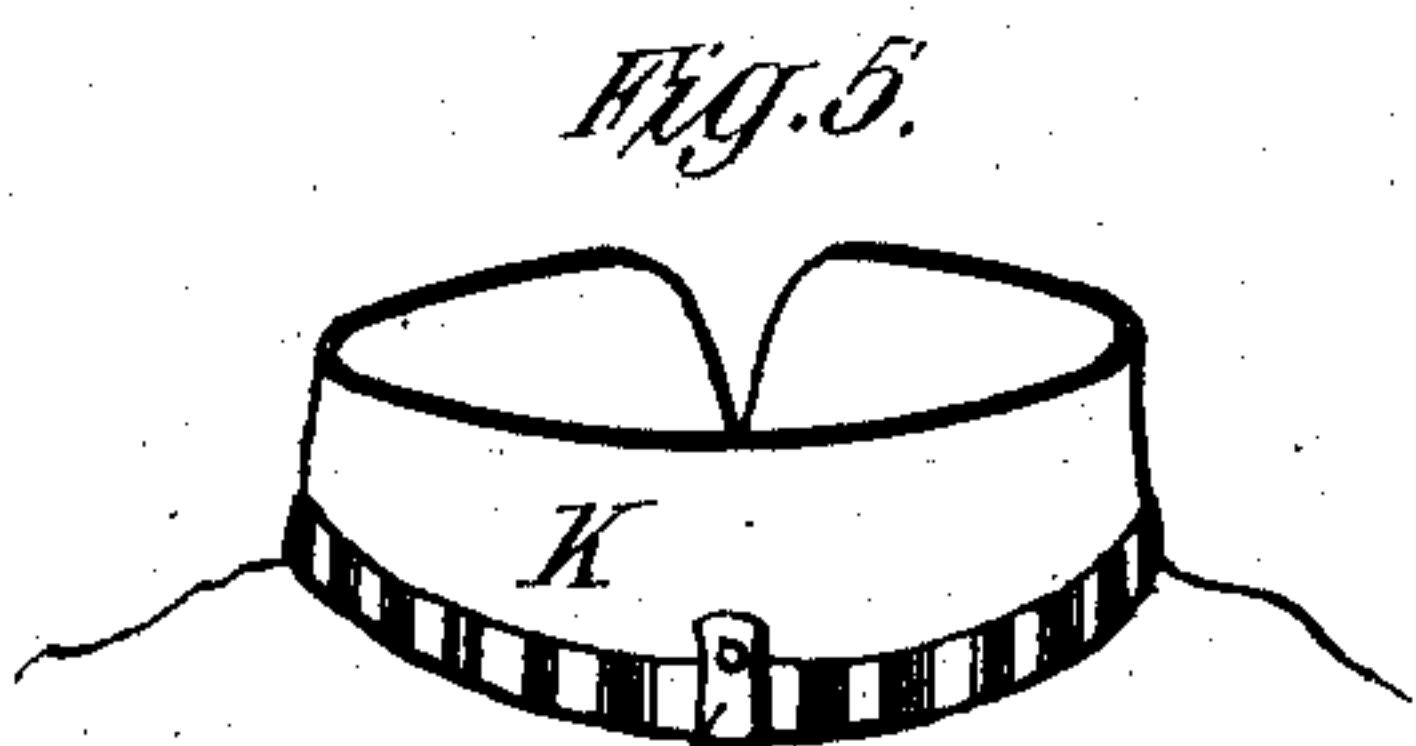
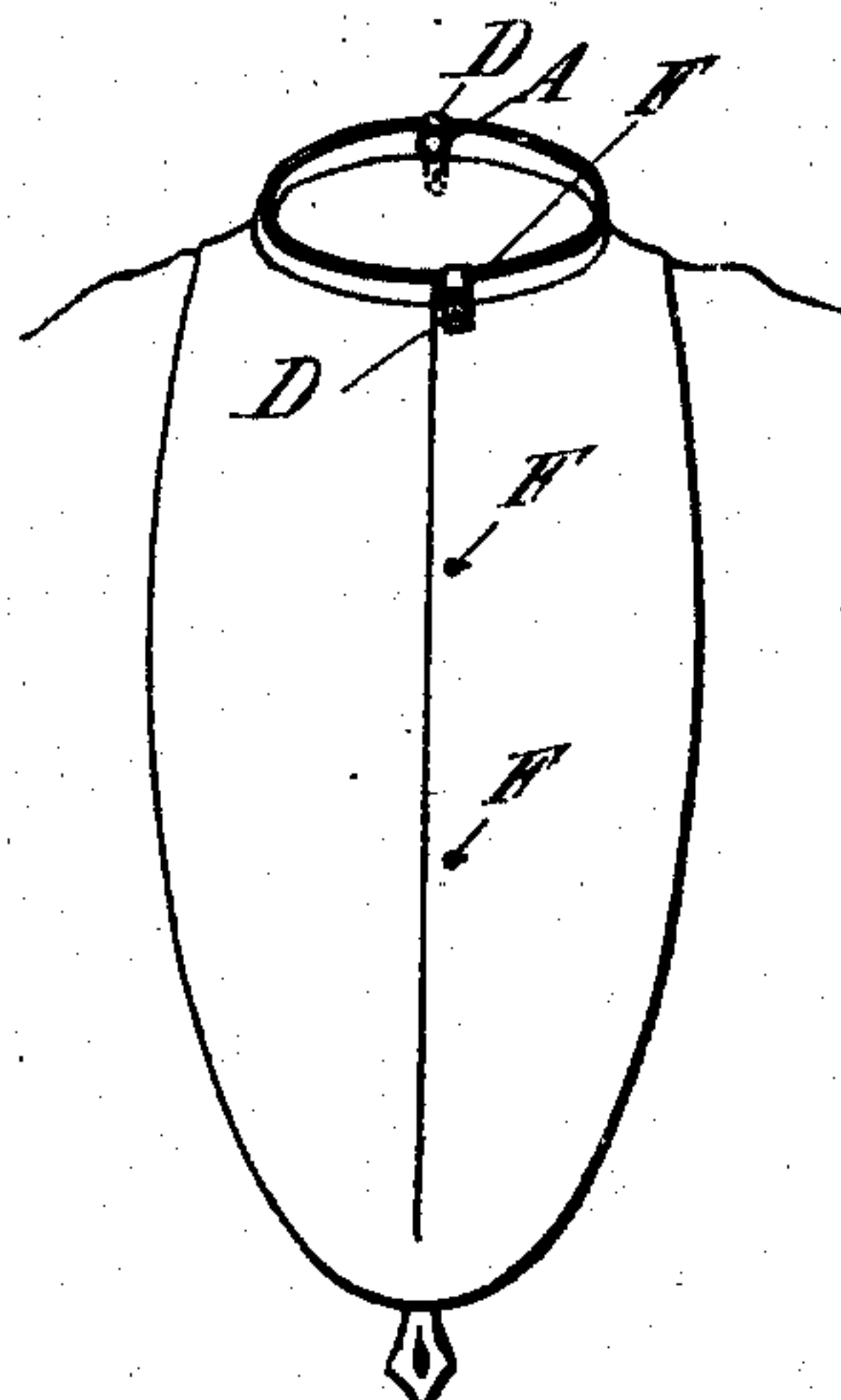
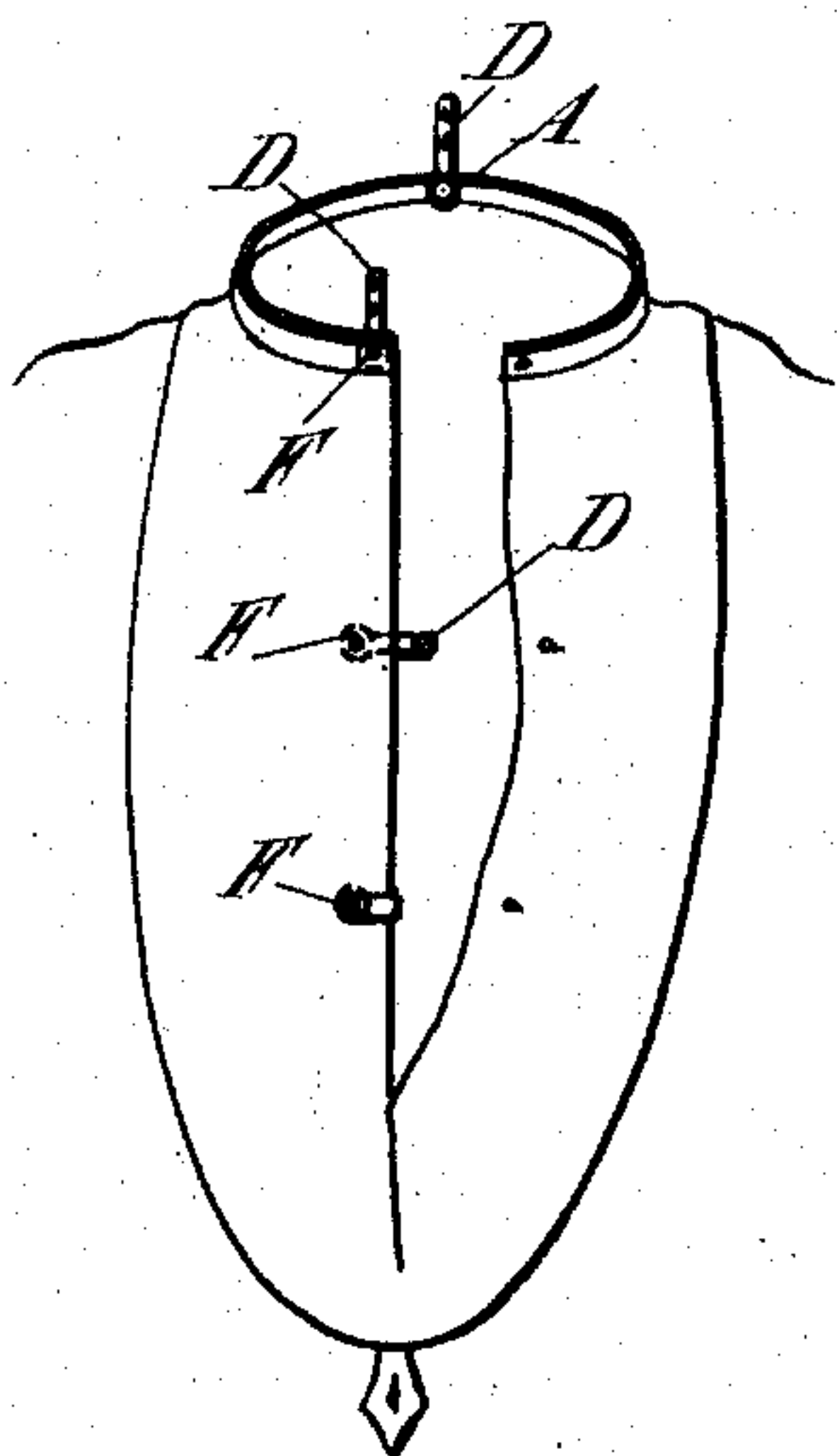
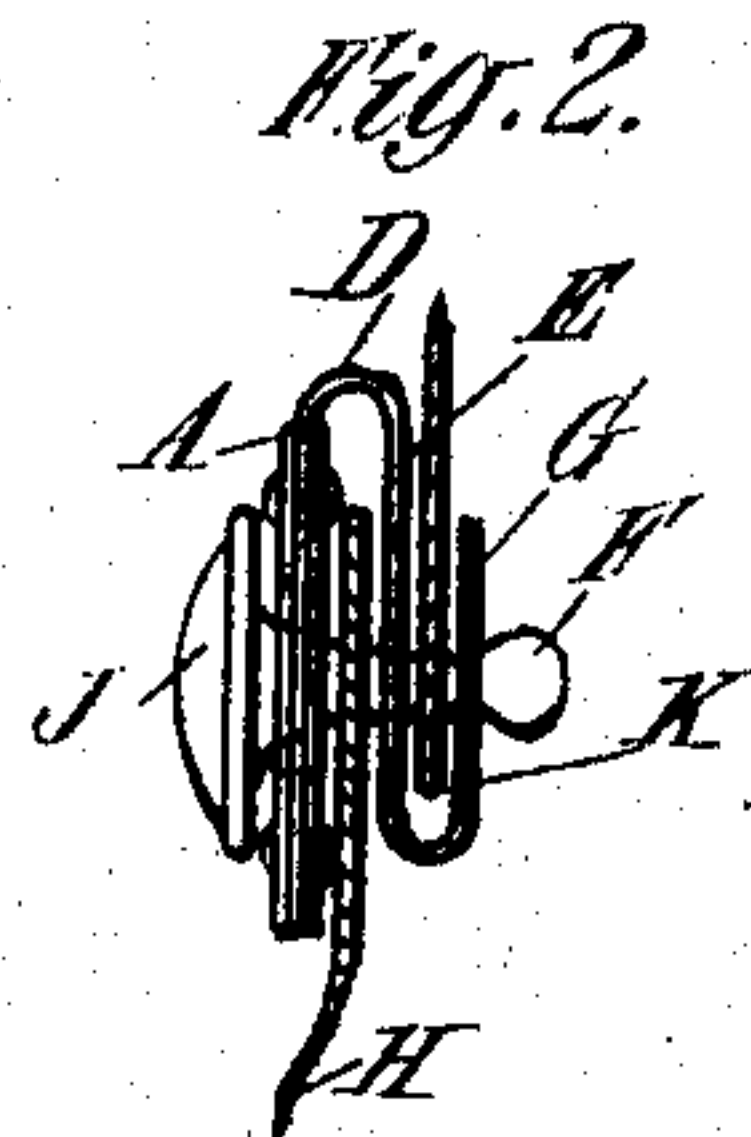
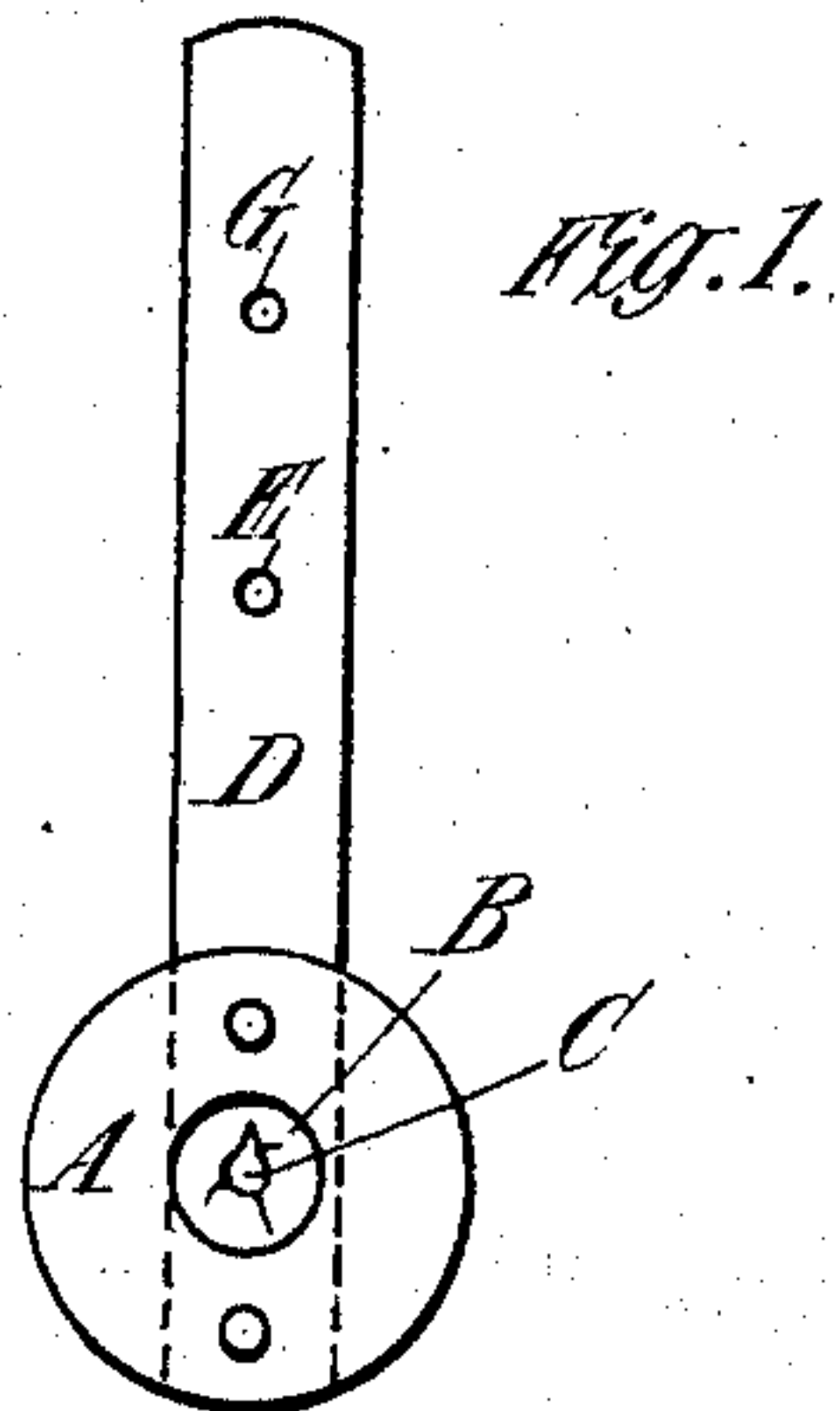


R. H. LOW.
 RETAINING DEVICE FOR STUDS, PINS, &c.
 APPLICATION FILED APR. 23, 1907.

908,787.

Patented Jan. 5, 1909.



Witnesses:
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UNITED STATES PATENT OFFICE.

ROBERT HENRY LOW, OF BLACKHEATH, ENGLAND.

RETAINING DEVICE FOR STUDS, PINS, &c.

No. 908,787.

Specification of Letters Patent.

Patented Jan. 5, 1909.

Application filed April 23, 1907. Serial No. 369,758.

To all whom it may concern:

Be it known that I, ROBERT HENRY LOW, a subject of the King of Great Britain, residing at 4 West Grove Terrace, The Point, Blackheath, in the county of Kent, England, gentleman, have invented certain new and useful Improvements in Retaining Devices for Studs, Pins, and the Like, of which the following is a specification.

10 This invention relates to a retaining device for use with studs, pins and the like, and has for its object to prevent such articles from accidentally being removed from or falling out of the button hole or aperture or fabric in which they are placed. As is well known, it frequently happens, for example in the case of a collar stud, that in removing the collar from the neck of the shirt, the stud will become detached from the shirt, or if the material of the neck of the shirt is soft or the button hole torn, or enlarged the stud will frequently become dislodged after removing the collar, or in the absence of the same, thereby causing great inconvenience, loss of time and in many instances the stud, which may be valuable. Furthermore, the collar may retain the stud and force it from the neck of the shirt causing considerable discomfort by becoming disconnected from the shirt. Similarly shirt front studs often are lost, owing to the backs or heads being able to slip through the holes.

15 In order to overcome the above objections I provide a device which locks the stud to the fabric it is inserted in, whence it cannot accidentally become dislodged.

20 In order that the said invention may be more clearly understood and readily carried into effect I will now describe the same more fully with reference to the accompanying drawings in which:—

25 Figure 1 shows one form of device embodying the features of my invention. Fig. 2 shows the same in side view when in operative position. Fig. 3 shows the device applied to a shirt ready for locking the studs thereto. Fig. 4 shows the same studs locked in the shirt. Figs. 5 and 6 show the device used for locking a collar to the shirt as well as the stud.

30 According to the said invention, one form of the device comprises a disk or plate A of

any suitable material and of any convenient shape or conformation. In this disk an aperture is made sufficiently large to admit the head of a stud, but not large enough for the back of the same. The said aperture is provided with a diaphragm or layer of india rubber, or other appropriate flexible material B, in which an aperture C is made so that the head of a stud may be forced comparatively easily but not too freely through the same. Attached to the disk is a tongue or strip D of india rubber or other convenient flexible material, or of metal, provided with an aperture E for use as hereinafter explained. To lock a stud in, for instance, the neck of a shirt, the head of the stud F is inserted through the diaphragm B of the disk A and through the stud hole so that the disk lies between the material of the shirt neck H and the back J of the stud. The said tongue D is then passed over the material of the shirt neck to the other side and forced over the head of the stud, so that the stud cannot be removed from the neck of the shirt without disengaging the tongue from the head, while the back is prevented from being pulled through the shirt neck by reason of the disk.

35 It will be readily understood that this simple device can be utilized for many articles in the nature of studs, and is capable of many modifications, as to size, shape, material and methods of attachment, without departing from the scope of the invention. It can also be utilized to lock not only the stud to the shirt or the like but also to lock the collar thereto by providing a longer tongue and forming additional apertures G therein so that the tongue, after passing over the head of the stud to lock in the shirt, can be passed under the edges of the collar and again secured over the head of the stud on the other side. This arrangement is shown in Fig. 2 and Figs. 5 and 6 and in Fig. 5 the device is shown as also used as a tie clip for preventing the tie riding up the collar.

40 What I claim and desire to secure by Letters Patent of the United States is:—

1. In combination, as a stud retaining device, a perforate base plate, means for retaining a stud therein and flexible means for locking said plate, with the stud, to an article of clothing.

2. In combination as a stud retaining device, a perforate base plate, a perforate diaphragm therein for retaining a stud, and means for locking said plate and its stud, to
5 an article of clothing.

3. In combination as a stud retaining device, a perforate base plate, a perforate flexible diaphragm therein for retaining a stud, and a perforate tongue attached to said plate

for locking the same and the stud to an arti- 10
cle of clothing.

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

ROBERT HENRY LOW.

Witnesses:

HAROLD W. LAKE,
T. SELBY WARDLE.