No. 750,487. PATENTED JAN. 26, 1904.

A. PERSON.

CLASP.

APPLICATION FILED SEPT. 21, 1903.

NO MODEL.

FIG. 1.

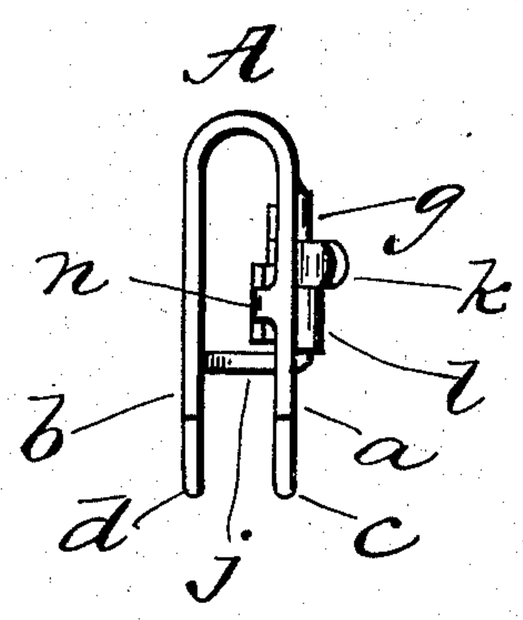


FIG. 2.

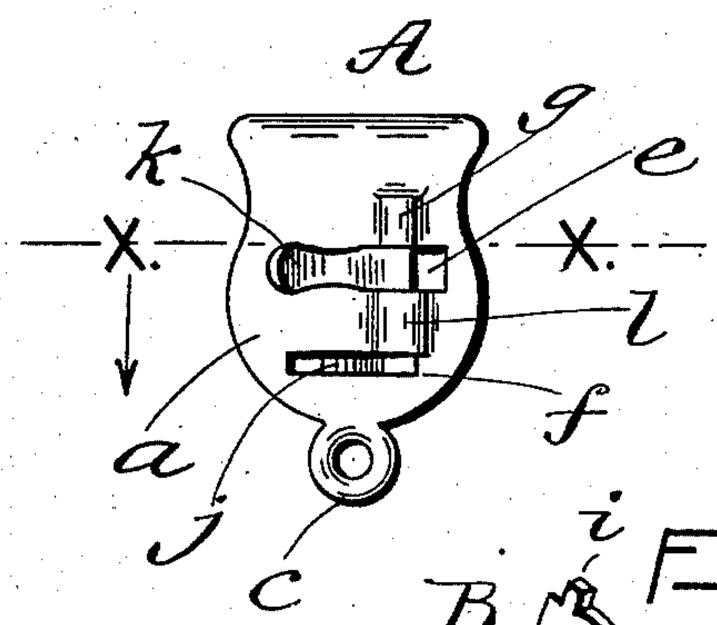
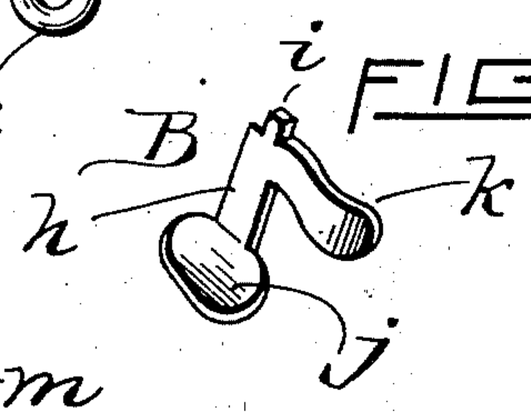


FIG. 5.



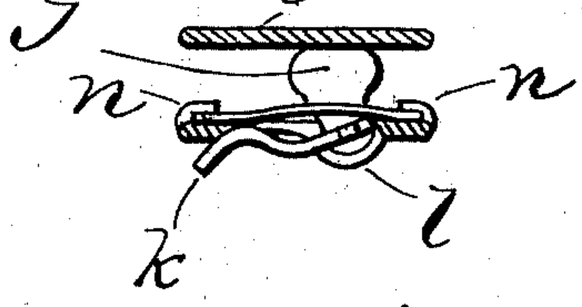


FIG. 3.

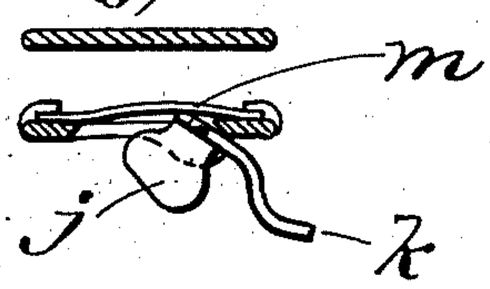


FIG. 4.

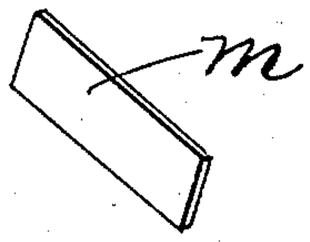


FIG. 6.

WITNESSES.

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No. 750,487. Patented January 26, 1904.

UNITED STATES PATENT OFFICE.

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CLASP.

SPECIFICATION forming part of Letters Patent No. 750,487, dated January 26, 1904.

Application filed September 21, 1903. Serial No. 173,926. (No model.)

To all whom it may concern:

Be it known that I, AXEL PERSON, a subject of Oscar, King of Sweden and Norway, residing at Attleboro, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Clasps, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to that class of clasps which are adapted particularly to use in conjunction with watch chains and fobs, whereby the latter are engaged with the margin of the pocket or other portion of the garment, and has for its object the ends usually sought in such structures.

To these ends my invention consists in the novel construction and combination of parts hereinafter described, and illustrated in the accompanying drawings, wherein—

Figure 1 is an edge elevation of my improved clasp; Fig. 2, a rear elevation; Fig. 3, a transverse section of the same, partly in plan, on line *x x* of Fig. 2, in closed position. Fig. 4, a like section of the same in open position; Fig. 5, a detail view of the lever member and Fig. 6, a like view of the spring member.

Like reference-letters indicate like parts throughout the views.

My improved device comprises a U-shaped frame or body A, from whose sides *a b* depend eyelets *c d* for engaging chain-links. The rear side *a* is provided with two oblong transverse openings *e f*, the former being above and somewhat larger than the latter. Internal grooves *g l* in alinement with each other in the side *a* of the frame afford a bearing for the lever member B. This lever member comprises a flat post *h*, upon whose upper extremity is a projection *i* and whose lower extremity carries an oblong cam *j*, lying in a plane at right angles to the plane of the post *h*. In substantially the same plane with the post, but projecting at right angles thereto, is a lever-arm *k*. This lever member B is mounted in the frame A as follows: The projection *i* rests in the cavity or depression *g*, the post *h* in the broader depression *l*, and the lever-arm *k* in the slot *e*. Since the slot *e* is somewhat shorter than the arm *k*, the curved extremity of the latter has a bearing upon the outer face *a* of the frame, as seen in Fig. 3. The parts are retained as thus assembled by means of a flat spring *m*, transversely traversing the inner face of the side *a* and retained in contact therewith by means of inturned projections *n* upon each margin of the side *a*.

The operation of my novel device is as follows: Normally the lever-arm *k* lies in the opening *e*, with its extremity slightly curved from the surface of the frame, as shown in Fig. 2, which illustrates the closed or engaged position of the parts. To disengage the disk or plate *j* from the fabric, which lies against the inner face of wall *b*, the lever extremity is rotated outwardly, forcing the post *h* against the tension of spring *m* until the disk *j* traverses the opening *f* in the frame and is held in that position by the spring *m* bearing upon the opposite face of the post *h*.

Having described my invention, what I claim is—

1. In a clasp, the combination with a U-shaped frame of a rotatable post mounted in one of the walls of the frame, a lever upon the post, a cam upon the post adapted to approach the other wall when the post is rotated, and means engaging the post for retaining the cam in open or closed position.

2. In a clasp, the combination with a U-shaped frame of a rotatable post mounted in one of the walls of the frame, a lever upon the post, a cam upon the post adapted to approach the other wall when the post is rotated, and spring means in said wall for retaining the cam in open or closed position.

3. In a clasp, the combination with a U-shaped frame of a flat post rotatably mounted upon the inner face of one of the walls of said frame, a lever-arm projecting from and in the

plane of the post, a lateral extension upon the post, and a spring upon the inner face of the wall for tensioning the rotatable post.

4. In a clasp, the combination with a U-shaped frame of a rotatable post mounted in one of the walls of the frame, a lever upon the post, a cam upon the post adapted to approach the other wall when the post is rotated, and means in said wall for retaining the cam in open or closed position.

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

AXEL PERSON.

Witnesses:

HORATIO E. BELLOWS,

WILLIAM E. BROWN.