

(No Model.)

C. A. PFENNING.
FASTENER FOR GLOVES, &c.

No. 585,048.

Patented June 22, 1897.

Fig.1.

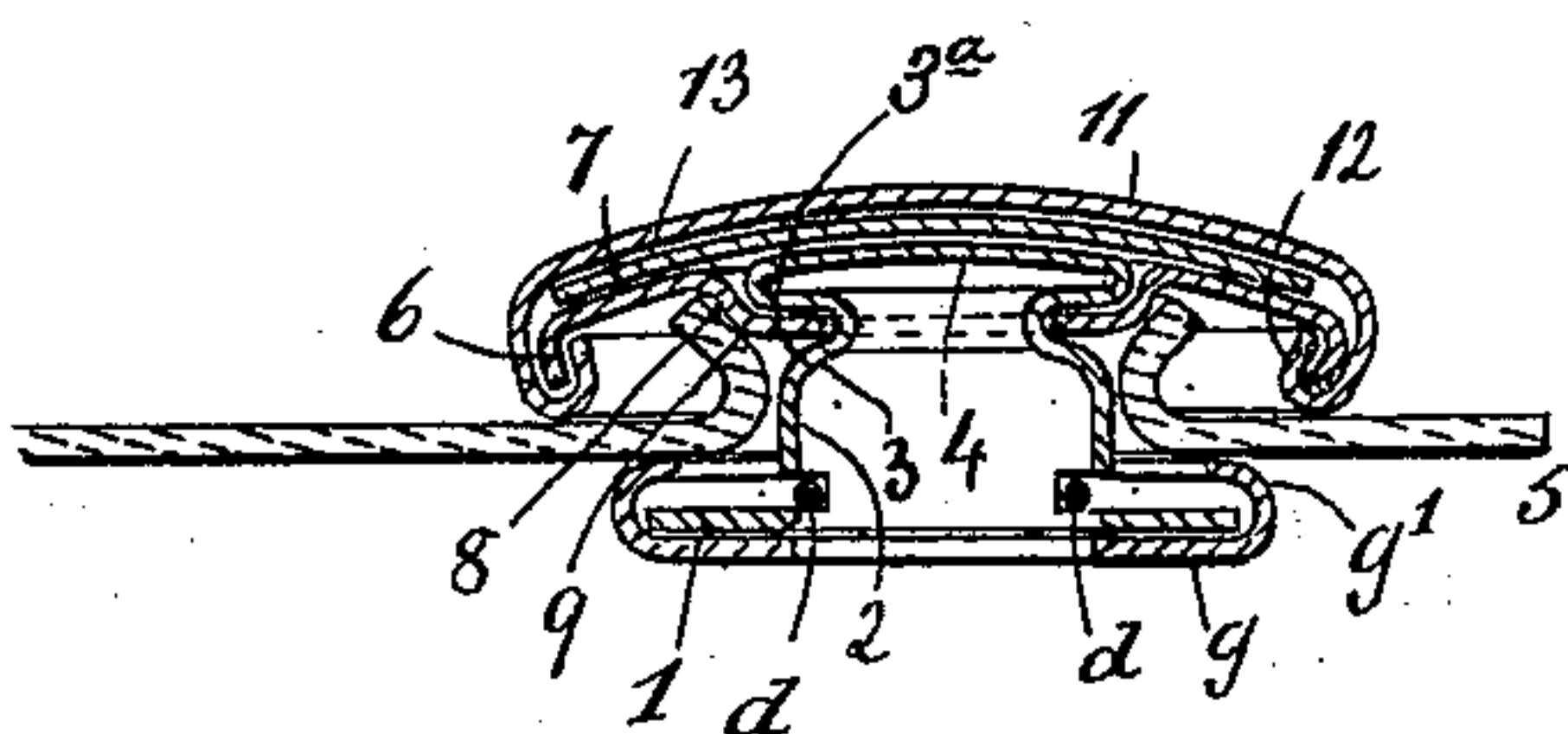


Fig. 2.

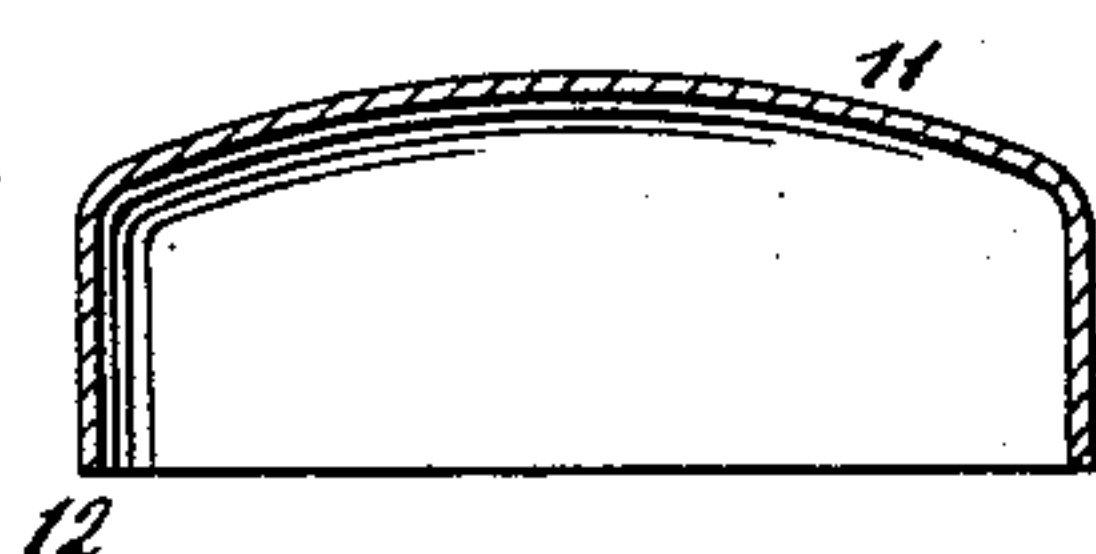


Fig. 3.



Fig. 4.

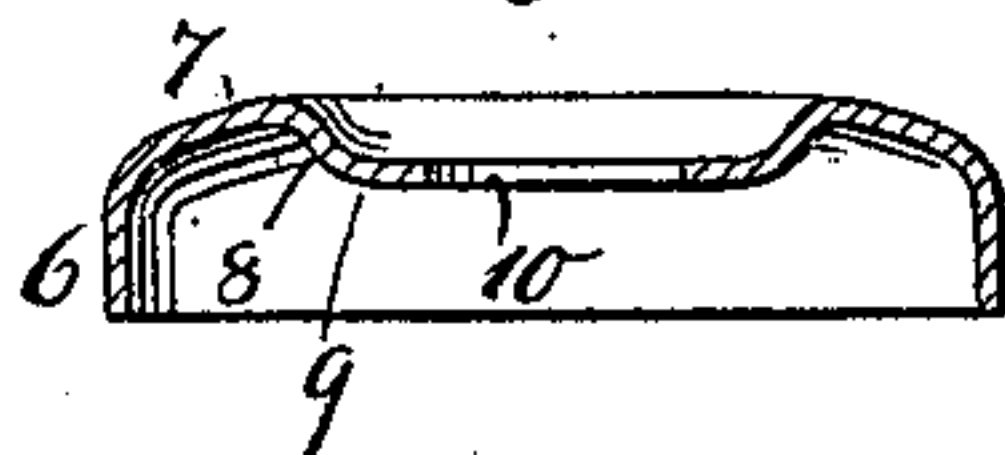


Fig.5.

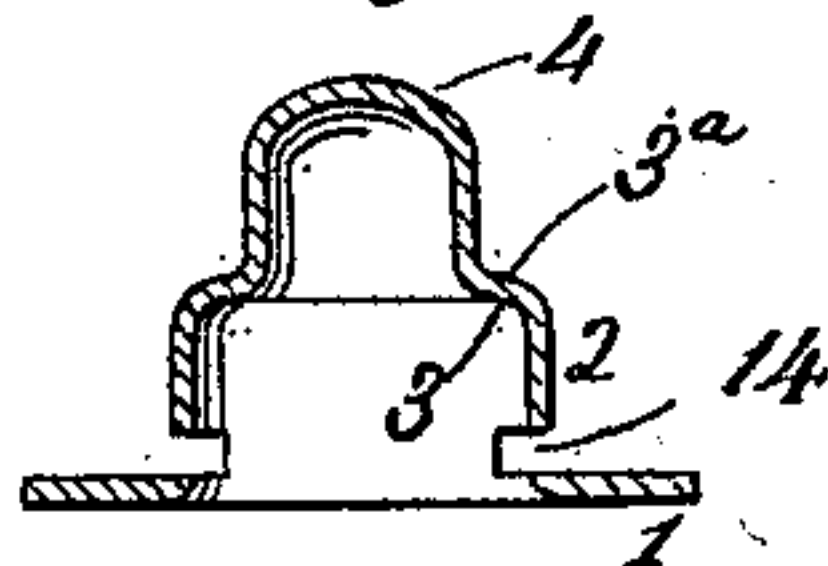
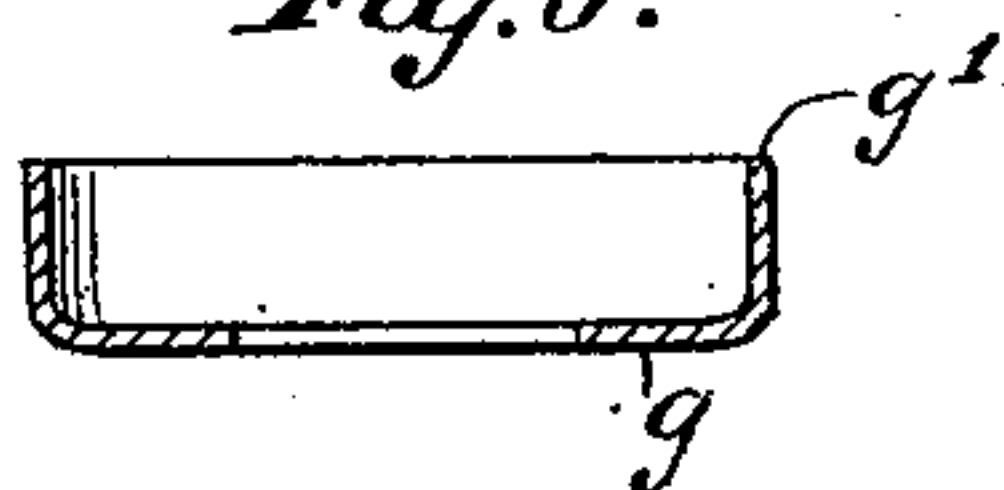


Fig. 6.



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CARL AUGUST PFENNING, OF BARMEN, GERMANY.

FASTENER FOR GLOVES, &c.

SPECIFICATION forming part of Letters Patent No. 585,048, dated June 22, 1897.

Application filed December 28, 1896. Serial No. 617,236. (No model.)

To all whom it may concern:

Be it known that I, CARL AUGUST PFENNING, a subject of the King of Prussia, Emperor of Germany, residing at Barmen, in the Province of Rhenish Prussia, in the Kingdom of Prussia, Germany, have invented new and useful Improvements in Fasteners for Gloves, Shoes, and other Articles, of which the following is a specification.

The object of this invention is to produce a fastener which will not injure the goods and which can be readily applied and which will be firmly secured in place; and the invention resides in the novel features of construction set forth in the following specification and claim, and illustrated in the annexed drawings, in which—

Figure 1 is a sectional view of the fastener part into which the well-known recessed head or button is pressed or sprung. Fig. 2 is a detail view of a cap. Fig. 3 is a detail view of an inlay. Fig. 4 is a detail view of a clamping-plate. Fig. 5 is a detail view of a tube. Fig. 6 is a detail view of a base.

In order to enable those skilled in the art to make and use my invention, I will now describe the same in detail, referring to the drawings, wherein it will be observed that the fastener comprises a tube formed integral with a base-plate 1. The tube, as shown in Fig. 5, is formed with a closed dome-shaped head 4, and the upper portion of the tube is of less diameter than the lower portion for the purpose of forming internal and external annular shoulders 3 and 3^a. The lower portion of the tube is provided directly above the base-plate 1 with lateral slots 14, for the purpose of enabling the springs *d*, hereinafter explained, to project into the tube. The external shoulder 3^a of the tube serves to receive and support a clamping-plate 7, Fig. 4, which is formed with an annular rim 6, a dished central portion 8 and 9, and a central orifice 10; the edge of which is designed to rest upon the external shoulder 3^a of the tube. By inserting the tube through the perforations 10 until the edge of the latter rests upon the external shoulder 3^a and flattening the closed dome-shaped head 4, as shown in Fig. 1, the tube and the clamping-plate are firmly and permanently secured together. The internal shoulder 3 serves as a rest for the end of a rod in-

serted into the tube to support the latter while flattening the closed dome-shaped head 4, as will hereinafter appear.

A cap 11, placed on the clamping-plate, has its edge 12 bent or flanged around the flange part 6 of the clamping-plate, so as to be held securely in place. An inlay 13 in the cap between the latter and the closed dome-shaped head 4 will prevent such head from denting or deforming the cap and will preserve the form of the cap when heavy pressure is exerted to secure the cap in place.

It is to be noted that the pressure used in forming or flattening the closed dome-shaped head 4 when properly continued also tends to flatten or diminish the depth of the dish part 8 of the clamping-plate, thus diminishing the diameter of the hole 10 or causing the rim of said hole to firmly clasp the tube part 3 under the head part 4, so that the clamping-plate is firmly secured in place and fixed against loss of motion or wobbling.

A plate *g*, having rim *g'*, and elastic wires *d* are shown, but as these features are mentioned in United States Letters Patent No. 507,928, granted October 31, 1893, for a glove-fastening, detailed description thereof is not now deemed essential. These wires, as noted, project somewhat through slits 14 into the interior of tube part 2, so as to catch or hold the recessed head (not shown) on its being passed or pressed into the mouth or open end of the tube.

As seen in Fig. 1, the parts of the fastener which contact with the leather or material 5 are bent or curved to avoid any sharp edge which may cut or injure the material or goods.

In flattening the closed dome-shaped head 4 the tube is supported by a stem or rod passed into the tube, so that the latter rests on the rod by the shoulder formed between the tube parts 2 and 3, so that the pressure exerted on the closed head 4 will not flatten or affect the tube part 2, and such pressure on the tube part 2 is to be avoided, as thereby the slits 14 might be pressed shut or affected so as to interfere with the function of the springs *d*. The tube in cross-section can be of any suitable form, as circular, oval, angular, or the like.

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

A fastener for gloves and the like, consisting of a tube formed integral with the base-plate 1, lateral slots 14, a closed head 4, and internal and external annular shoulders 3
5 and 3^a, located between the closed head and the lateral slots, a clamping-plate 7 having a rim 6, dished center 8, 9 and central orifice
10 11 flanged upon the clamping-plate, and a plate *g* flanged upon the base-plate of the

tube, said internal shoulder of the tube serving as a rest for a rod to support the tube while its closed head is compressed, substantially as and for the purposes described. 15

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

CARL AUGUST PFENNING.

Witnesses:

OTTO KÖNIG,
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