No. 618,657. Patented Jan. 31, 1899.

M. L. FULLER.

SUSPENDER BUCKLE.

(Application filed Oct. 19, 1897.)

(No Model.)

FIG. 1.

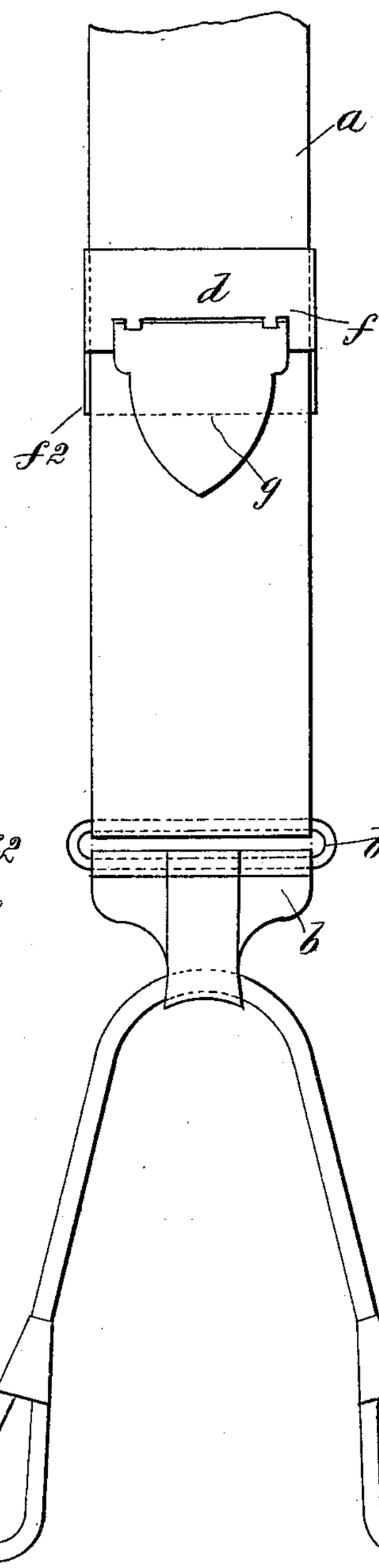


FIG. 2.

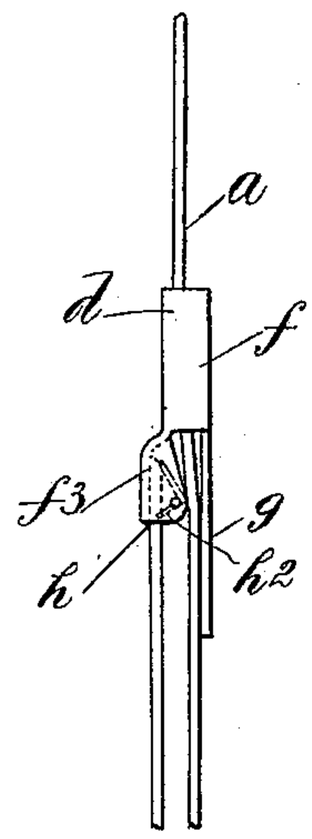


FIG. 3.

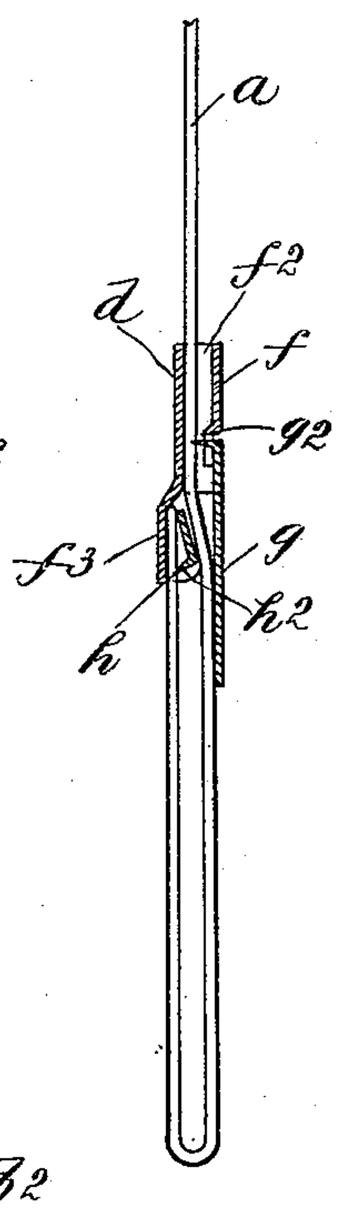
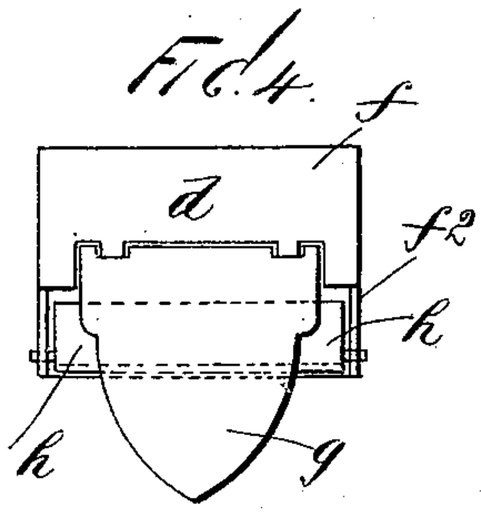


FIG. 4.



WITNESSES

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SUSPENDER-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 618,657, dated January 31, 1899.

Application filed October 19, 1897. Serial No. 655,688. (No model.)

To all whom it may concern:

Be it known that I, MELVIN L. FULLER, a citizen of the United States, residing at Gloversville, in the county of Fulton and State of New York, have invented certain new and useful Improvements in Suspender-Buckles, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

My invention relates to suspender-buckles, and particularly to that class thereof which is designed to permit of an accurate adjustment of the suspender while leaving no rough edges or sharp points exposed.

The object of the invention is to provide a suspender-buckle of the above-described class which will be simple and inexpensive in construction and which will retain the straps firmly in position without injury to the same, while presenting only smooth surfaces exteriorly, thus avoiding all damage to the clothing.

My invention consists of the novel features of construction hereinafter set forth and described, and more particularly set out in the claim hereto appended.

Referring to the drawings, Figure 1 is a view of the suspender-end, showing my improved buckle in position; Fig. 2, a side view of that portion of the same showing the buckle; Fig. 3, a section on the line 3 3 of Fig. 1, and Fig. 4 a view of the buckle detached.

Like letters refer to like parts throughout the several views.

In the accompanying drawings, *a* represents a suspender-strap, which is provided at one end with fastening devices *b*, connected with a link b^2, and the suspender-strap is also provided with my improved adjusting-buckle *d*. This buckle *d* is composed of a guide-slot f^2 in the upper portion *f* of said buckle, in which portion is hinged a clasp *g*, provided with teeth g^2, which are adapted to engage with the strap *a*. The hinges of this clasp are on a plane with the outer surface of the part *f*, as shown in Fig. 2, and has no pivoted points extending beyond the edges of the strap *a*. The rear part of the buckle has an enlarged section f^3, which has pivoted on the inside thereof a securing-clasp *h*, provided with suitable teeth h^2, adapted to engage and retain the free end of the strap *a*.

My improved buckle in actual use operates as follows: The strap *a* passes downward through the guide-grooves f^2 and through the link b^2, and the free end thereof is placed between the teeth h^2 of the clasp *h* and the inner surface of the extended portion f^3 and the clasp *g* forced downwardly, securing said end firmly in that position. The suspender is adjusted by raising the clasp *g* and lengthening or shortening the strap *a* to the desired extent and by closing said clasp securing it in that position.

By the above-described means the objects of my invention are attained. It can readily be observed that the buckle *d* presents at no place any rough or ragged points or surfaces upon which the clothing can be torn, while rendering the speedy adjustment of the suspender possible.

The construction above described is simple and inexpensive and has been found in actual practice to be superior to the ordinary article wherein the clasp is pivoted, leaving exposed the rough ends of the pivot.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

An improved suspender-buckle, comprising the transverse body or keeper *f* forming the guide-slot f^2, the clamp-plate *g* hinged to the lower portion of the face of the body or keeper *f*, and provided with backwardly-directed teeth g^2, projecting within the body or keeper *f*, the hinges of said clamp-plate being on a plane with the outer surface of the part *f*, and a supplementary extension f^3 formed on the lower end of the back portion of the body or keeper *f*, and in rear of the clamp-plate *g*, and provided at its sides with forwardly-directed ears or projections, and a supplementary transverse clamp-plate *h*, pivotally mounted between said ears and projecting outwardly, upwardly and rearwardly toward the inner surface of said extension, the top edge of the clamp-plate *h* being provided with teeth, and the main clamp-plate *g* being extended downwardly over and in front of the supplementary clamp *h*, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 16th day of October, 1897.

MELVIN L. FULLER.

Witnesses:

L. M. MULLER,

A. C. MCLOUGHLIN.