

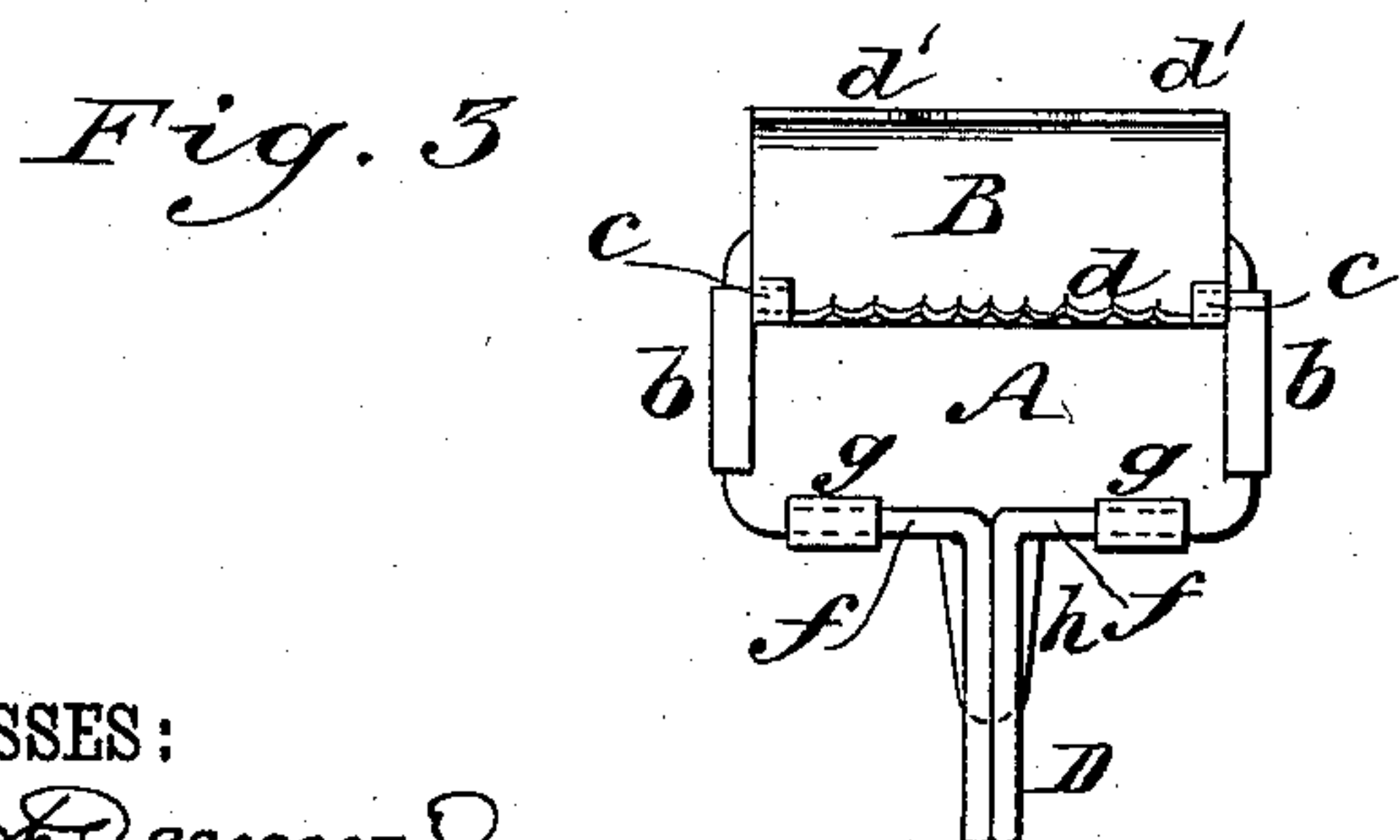
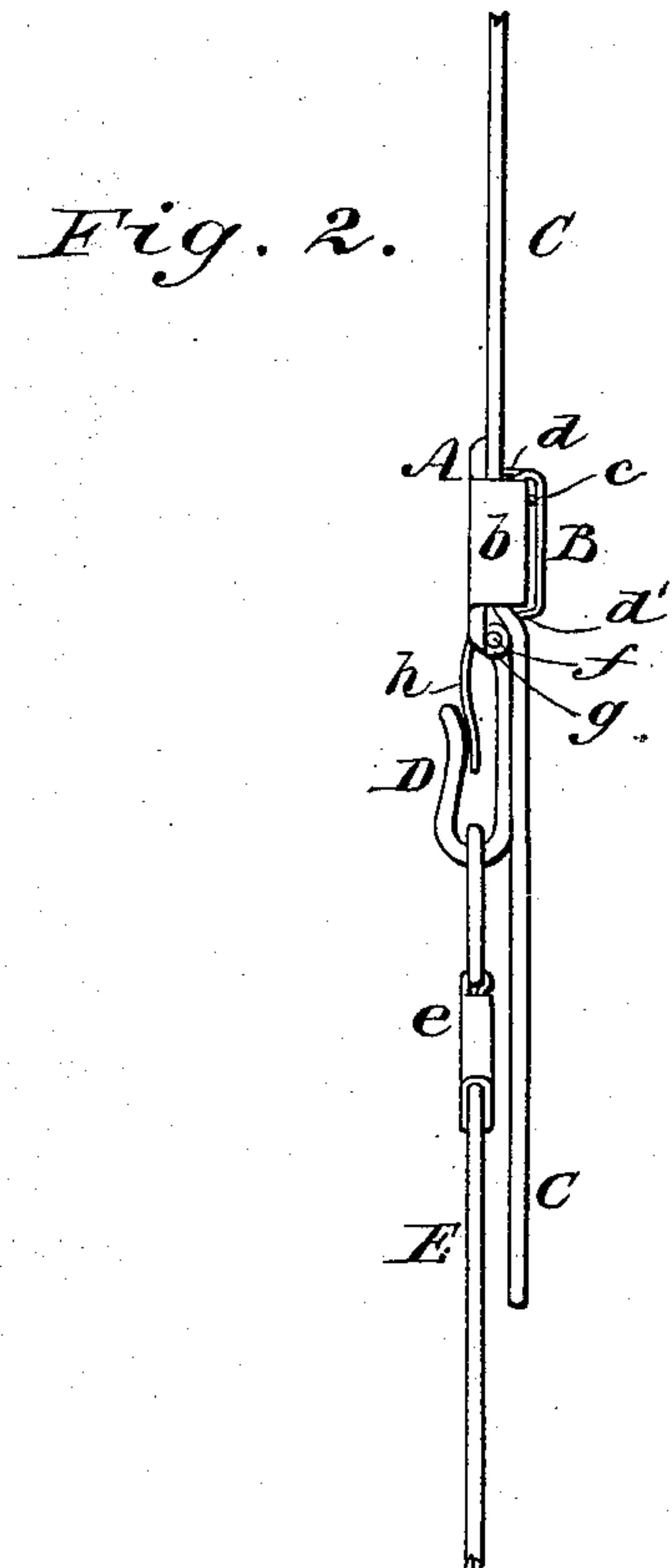
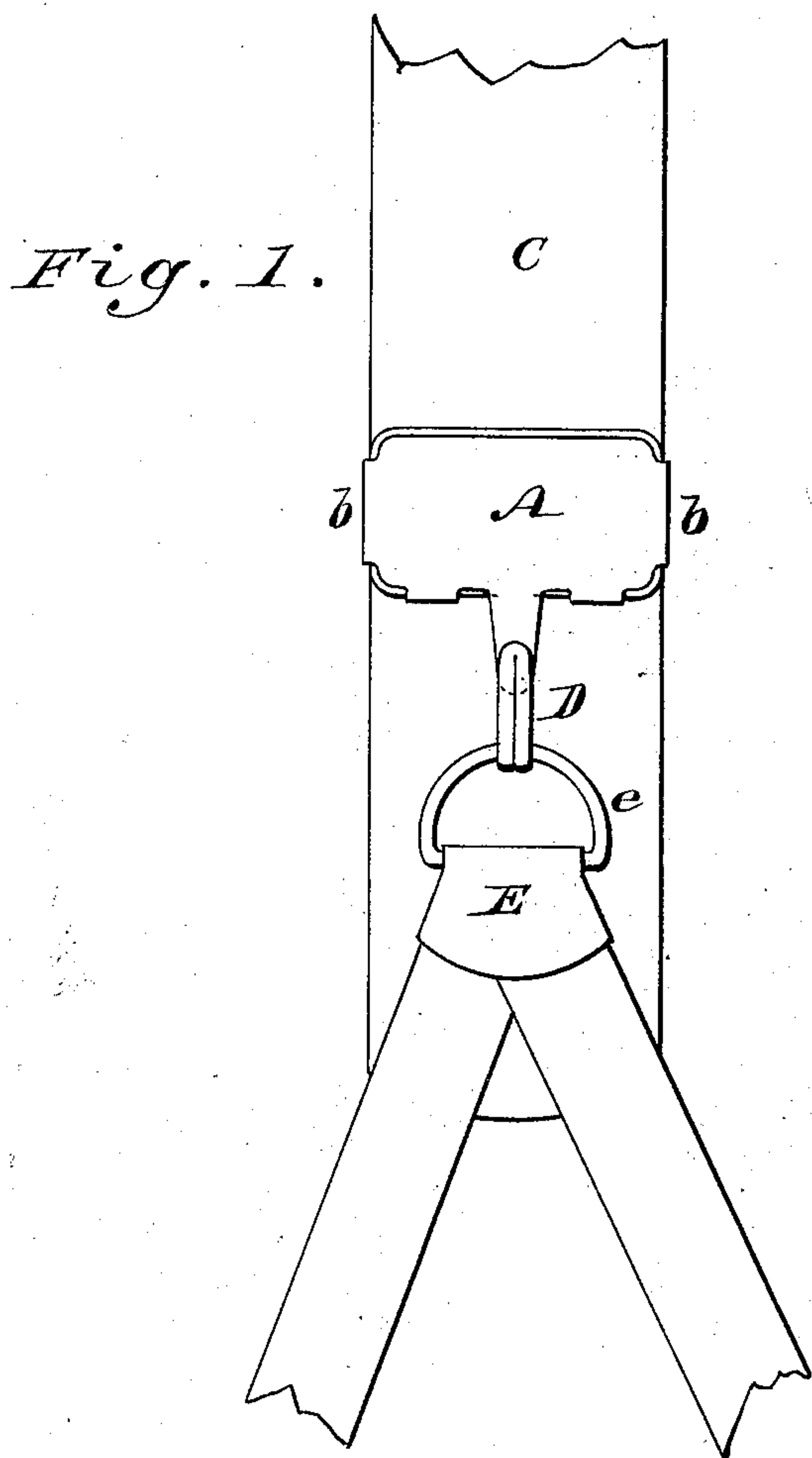
(No Model.)

C. R. HARRIS.

BUCKLE.

No. 376,193.

Patented Jan. 10, 1888.



WITNESSES:

John H. Deemey
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UNITED STATES PATENT OFFICE.

CHARLES R. HARRIS, OF WILLIAMSPORT, PENNSYLVANIA.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 376,193, dated January 10, 1888.

Application filed February 2, 1887. Serial No. 226,283. (No model.)

To all whom it may concern:

Be it known that I, CHARLES R. HARRIS, of Williamsport, in the county of Lycoming and State of Pennsylvania, have invented a new and Improved Suspender and other Buckles, of which the following is a full, clear, and exact description.

This invention relates to suspender and other like buckles, the bodies of which are made of stamped or cut sheet metal in plate form, as distinguished from a wire frame.

The invention consists in a combination, with such stamped or cut buckle body or plate that may be fitted with the usual swinging or other suitable toothed web-holding cross-bar, of a wire hook attached, substantially as hereinafter described, to said plate for engagement with the detachable end portion of the suspenders or article, any suitable snap being used in connection with the hook for closing it, and the stamped or cut sheet-metal body being of any desired style and shape, whereby a cheap and very efficient suspender or other like buckle is or may be produced.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a front view of a suspender strap or web, in part, with my improved buckle applied, and with the detachable end portion of the suspenders attached. Fig. 2 is an edge view of the same, and Fig. 3 is a rear view of the buckle with the serrated cross-bar or plate thrown back or open.

A is the body of the buckle, made of sheet metal stamped or cut into shape, and having backwardly-turned-over sides *b b*, formed with teats or pivots *c c*, for carrying the toothed or serrated cross bar or plate B, which may be of the usual or any suitable construction, and which, when turned down or closed against the inner face or back of the buckle-body A, serves, by its serrated edge *d* and lower turned-over edge portions, *d'*, to engage with and clamp the web C of the suspender against the inner face or back of the body A; but when thrown back or open, as shown in Fig. 3, is liberated from the web and permits of the sliding of the buckle upon and along the web or strap.

D is the hook at the lower end of the buckle for engagement by a ring or stirrup, *e*, with the detachable front end portion or straps, E, of the suspenders. This hook is made of wire, bent and doubled upon itself, and constructed to form upper side trunnions, pivots, or shanks, *f f*, by which it is secured to the lower edge portion of the plate-like stamped or cut body A. This is done by turning over and backward lower projecting portions of the body A, to constitute sockets or bearings *g g* for the trunnion or shank portions *f f* of the hook. This forms a simple mode of attaching the stout wire hook D to the light sheet-metal body A of the buckle, and it will permit of a slight vibration of the hook in its bearings or holders *g g* to enter and release the ring or stirrup *e* of the detachable portion E of the suspenders within or from the hook and past a snap, *h*, attached to the body A, and serving to close the hook against accidental detachment of the portion E of the suspenders or its ring *e*. This snap, which may be of any suitable construction, serves to make the hook a snap one.

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

1. The combination, with the stamped or cut sheet-metal buckle-body A, having its lower edge turned over to form sockets or bearings *g*, of the wire hook D, constructed with side trunnions, pivots, or shanks, *f*, secured within said sockets or bearings, essentially as described.

2. The combination, with the wire hook D, having side pivots or shanks, *f*, of a snap for closing said hook, the stamped or cut sheet-metal buckle-body A, having its lower edge turned over to form sockets or bearings adapted to clamp and receive within them the pivots or shanks of the hook, and a clamping cross-bar or plate applied to the back of the buckle-body, substantially as specified.

CHARLES R. HARRIS.

Witnesses:

F. H. MCCORMICK,
CARL HERDIC.