

(No Model.)

G. E. ADAMS.
CAST-OFF.

No. 551,807.

Patented Dec. 24, 1895.

Fig. 1.

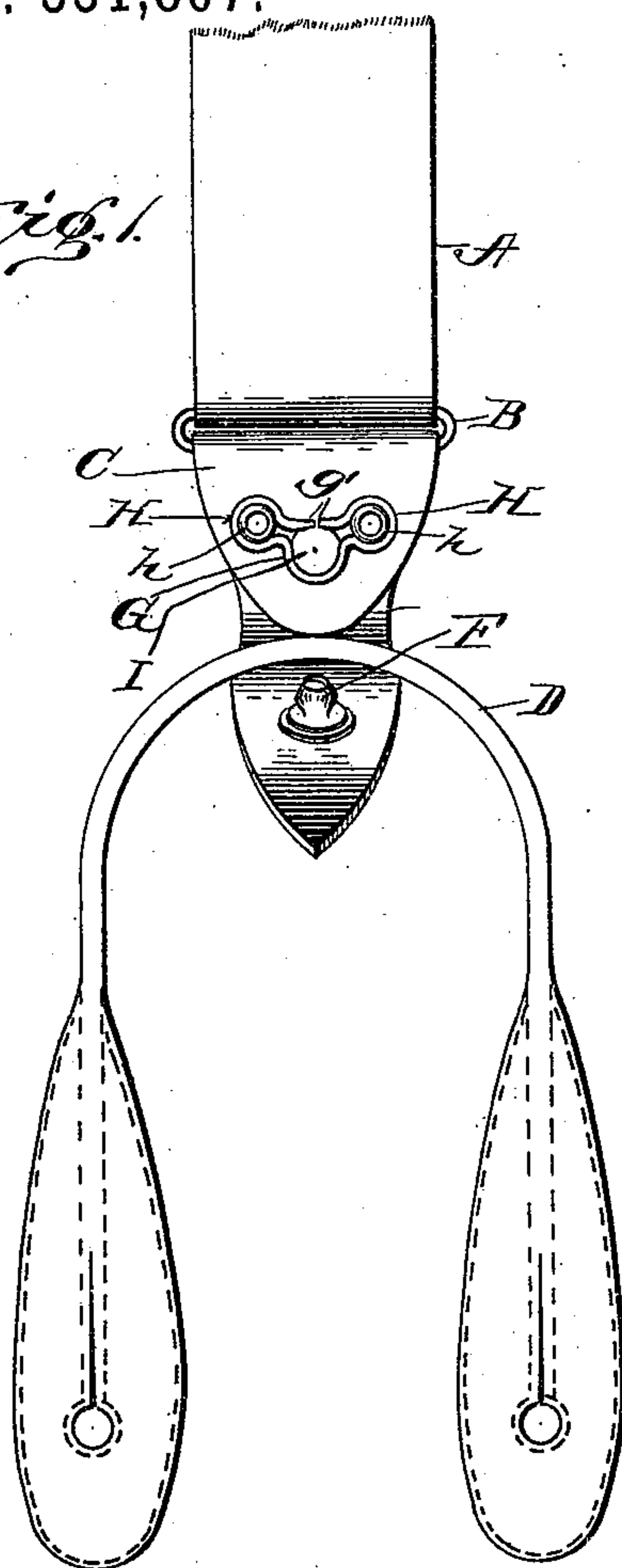


Fig. 2.

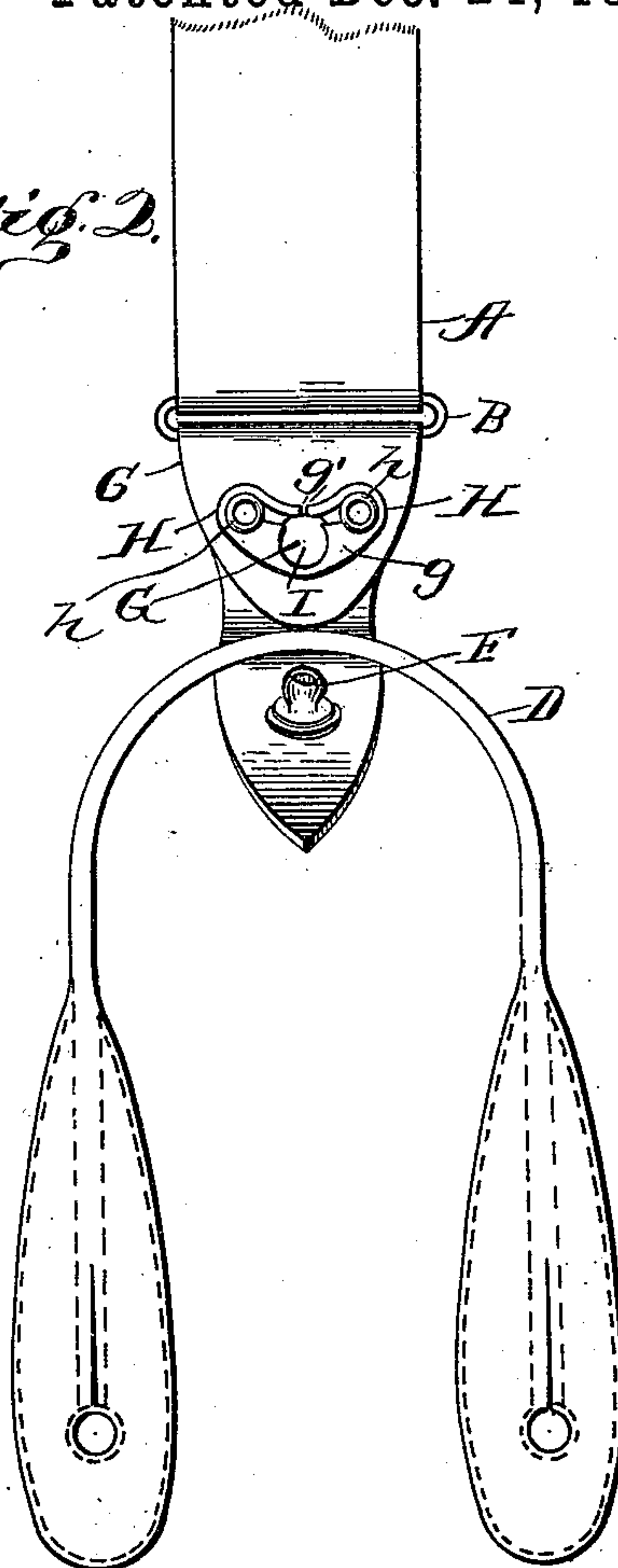
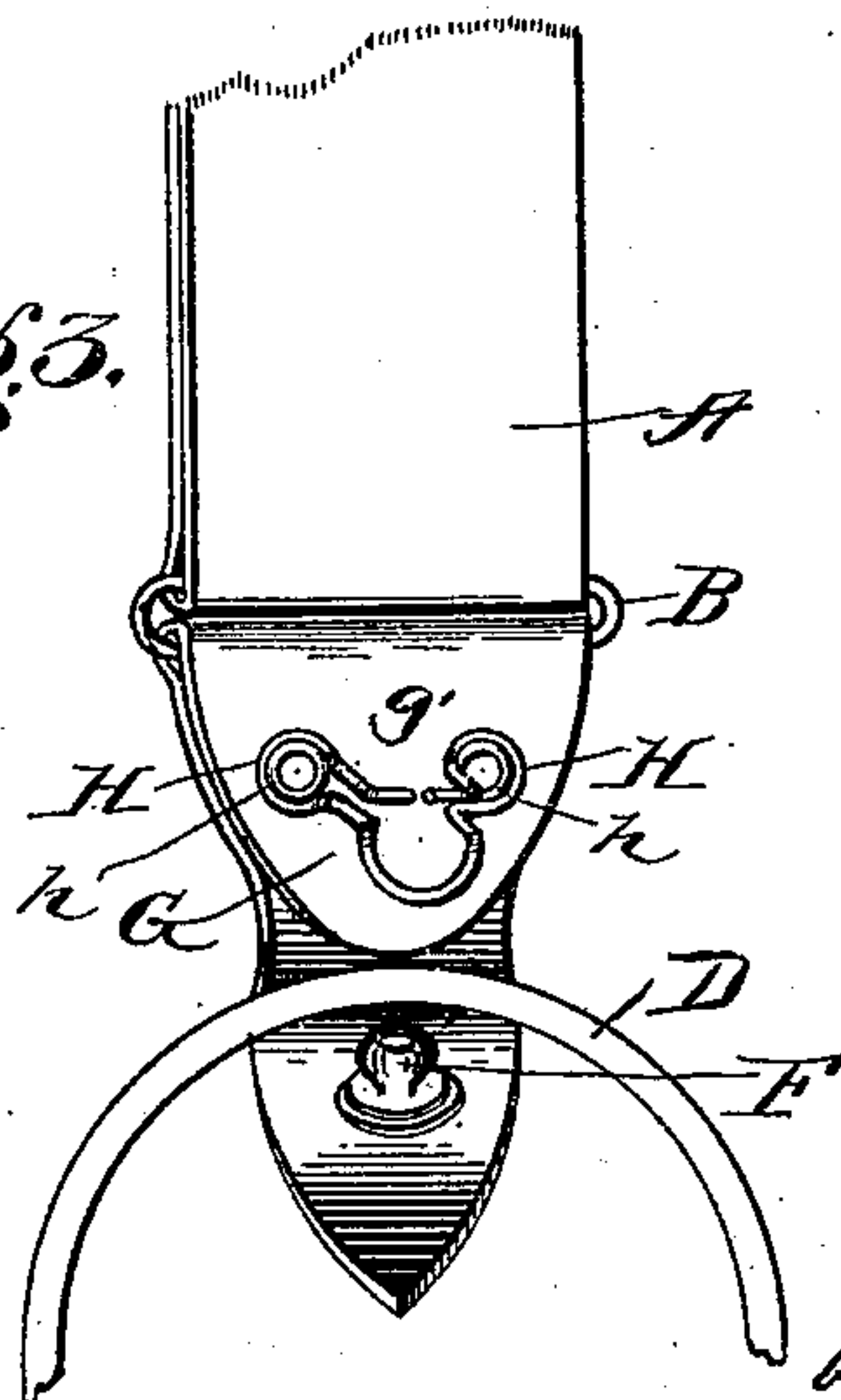


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

GEORGE E. ADAMS, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO THE
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CAST-OFF.

SPECIFICATION forming part of Letters Patent No. 551,807, dated December 24, 1895.

Application filed September 23, 1895. Serial No. 563,363. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. ADAMS, of New Britain, in the county of Hartford, State of Connecticut, have invented certain new and useful Improvements in Cast-Offs; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the letters of reference marked thereon.

This invention has for its object to provide a simple and inexpensive cast-off device for suspenders; and it consists in certain novel details of construction and combinations and arrangements of parts, all as will be now described, and pointed out particularly in the appended claims.

Referring to the accompanying drawings, Figure 1 is a perspective view of one end of a suspender, showing the cast-off device. Figs. 2 and 3 are perspective views illustrating detail modifications.

Like letters of reference in the several figures indicate the same parts.

The invention is more particularly applicable to that class of devices wherein the two ends or portions of a loop are separably united to form a retainer for the suspender-end, although it will be obvious that it is not limited to any particular style of device.

In said drawings, the letter A indicates the shoulder strap or webbing of the suspender having a metal connection B thereon, and to this connection there is attached one end of a loop-piece or cast-off proper C, preferably made of leather and adapted to take around the suspender-end D at a central point.

The end of the cast-off is provided with a headed projection or shank portion F of a separable button, and for co-operation with this shank I provide a socket designed to retain the shank and at the same time to offer an unyielding side to resist any downward movement of the shank due to strain on the suspender-end.

The socket-piece may be either stamped out of sheet metal, Fig. 2, or bent up from wire, Figs. 1 and 3. In either instance however it is formed with a central socket G having a solid or integral lower wall *g* and an elastic upper wall formed by spring ends *g'*. Eyes H are formed on each side of the socket proper for the reception of attaching-eyelets *h*, which

are passed through said eyes and through the goods to which the socket is attached.

In the preferred construction the eyes H are located above the level of the socket proper, so that the latter depends from the eyes and distributes the strain more evenly. The eyes may open into the socket, or more properly the sides of the connecting portions may be separate, in order to give greater elasticity to the top of the socket and to facilitate the manufacture, for this construction permits the device to be readily bent up from light wire, but at the same time insures ample strength.

Ordinarily the goods should be perforated or recessed under the socket, as at I; but where it is not desired to do this the eyes may be set back, as shown in Fig. 3, to raise the socket proper above the level of the surface of the goods.

The device is exceedingly simple, and while it is especially adapted and designed for use as a cast-off for suspenders it is obvious that the socket-piece and a headed shank such as described are well adapted for other purposes where it is desired to separably unite the parts, so as to secure great resistance to lateral strain.

Having thus described my invention, what I claim as new is—

1. In a device, such as described, the combination with the headed projection or shank, of a socket piece having means for securing it in place and a central opening or socket having one side below the securing means solid or integral to resist lateral strain and the opposite side above said securing means divided to form spring arms; substantially as described.

2. In a device, such as described, the combination with the headed projection or shank, of the socket member having the two eyes for the attaching eyelets, the solid or integral wall depending below and uniting said eyelets and forming the bottom of a central opening or socket, and the divided wall above the eyelets bridging the top of said central opening or socket between the eyelets substantially as described.

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Witnesses:

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