

(No Model.)

S. BAUM & V. B. ULMAN.
SUSPENDER BUCKLE.

No. 432,258.

Patented July 15, 1890.

Fig. 1.

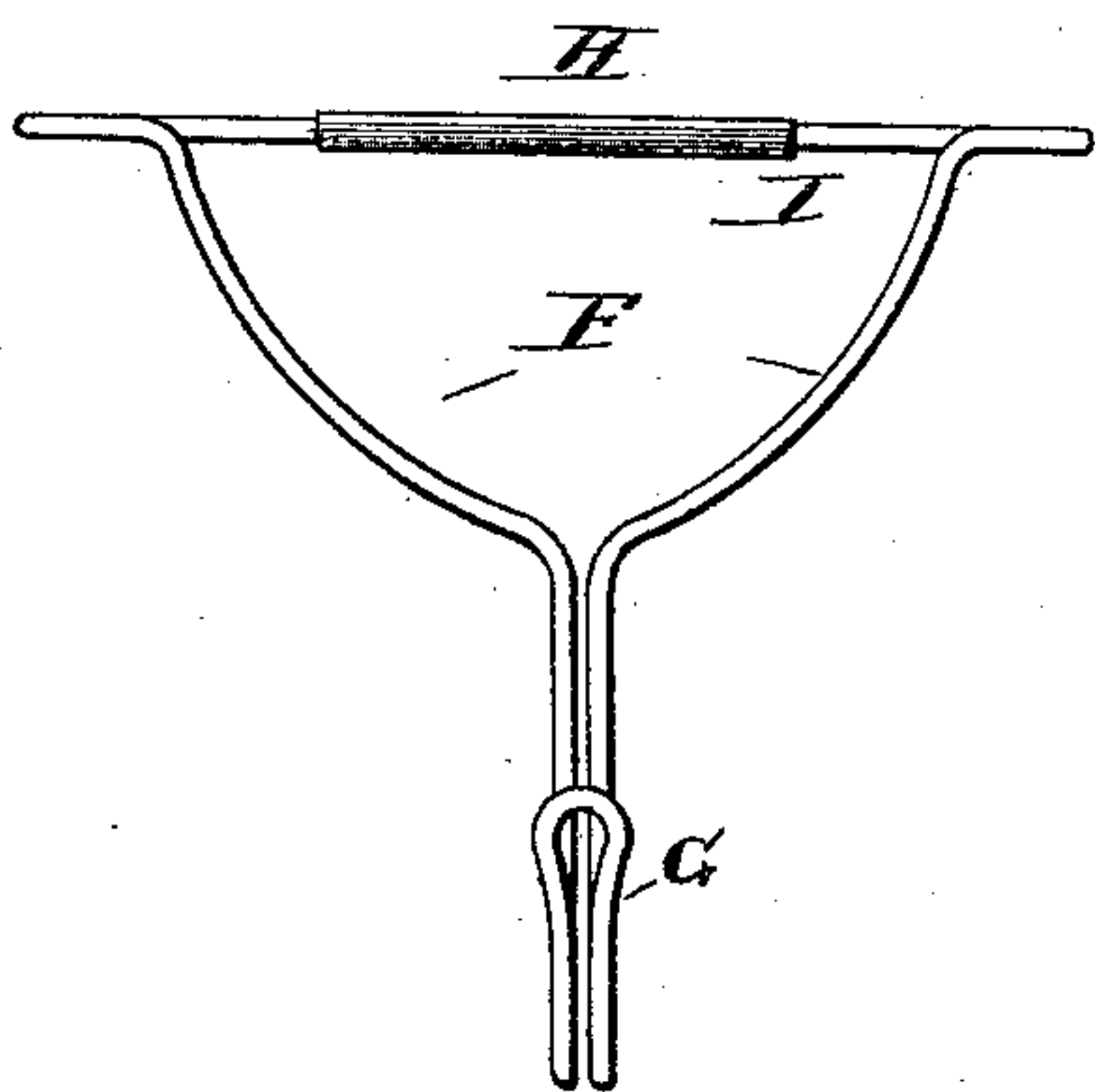
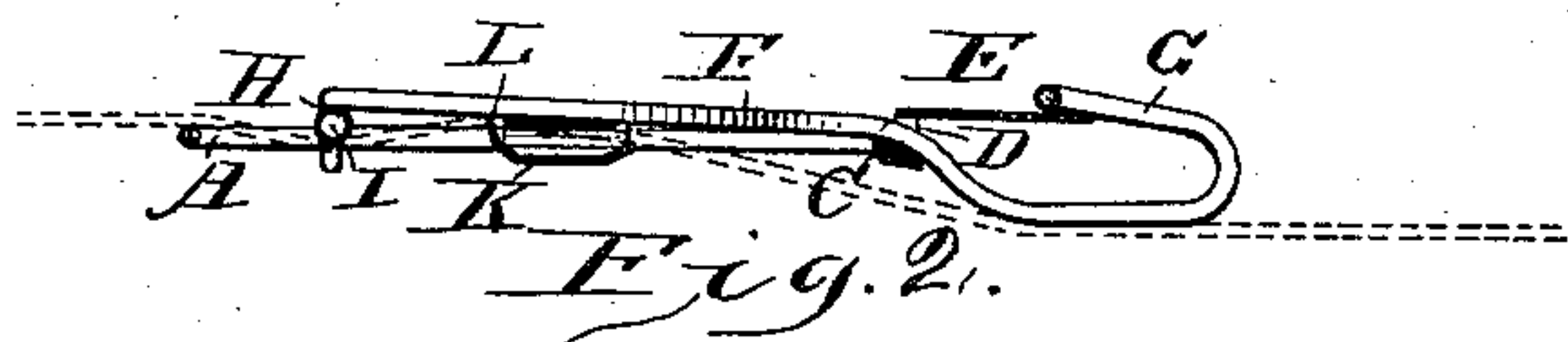
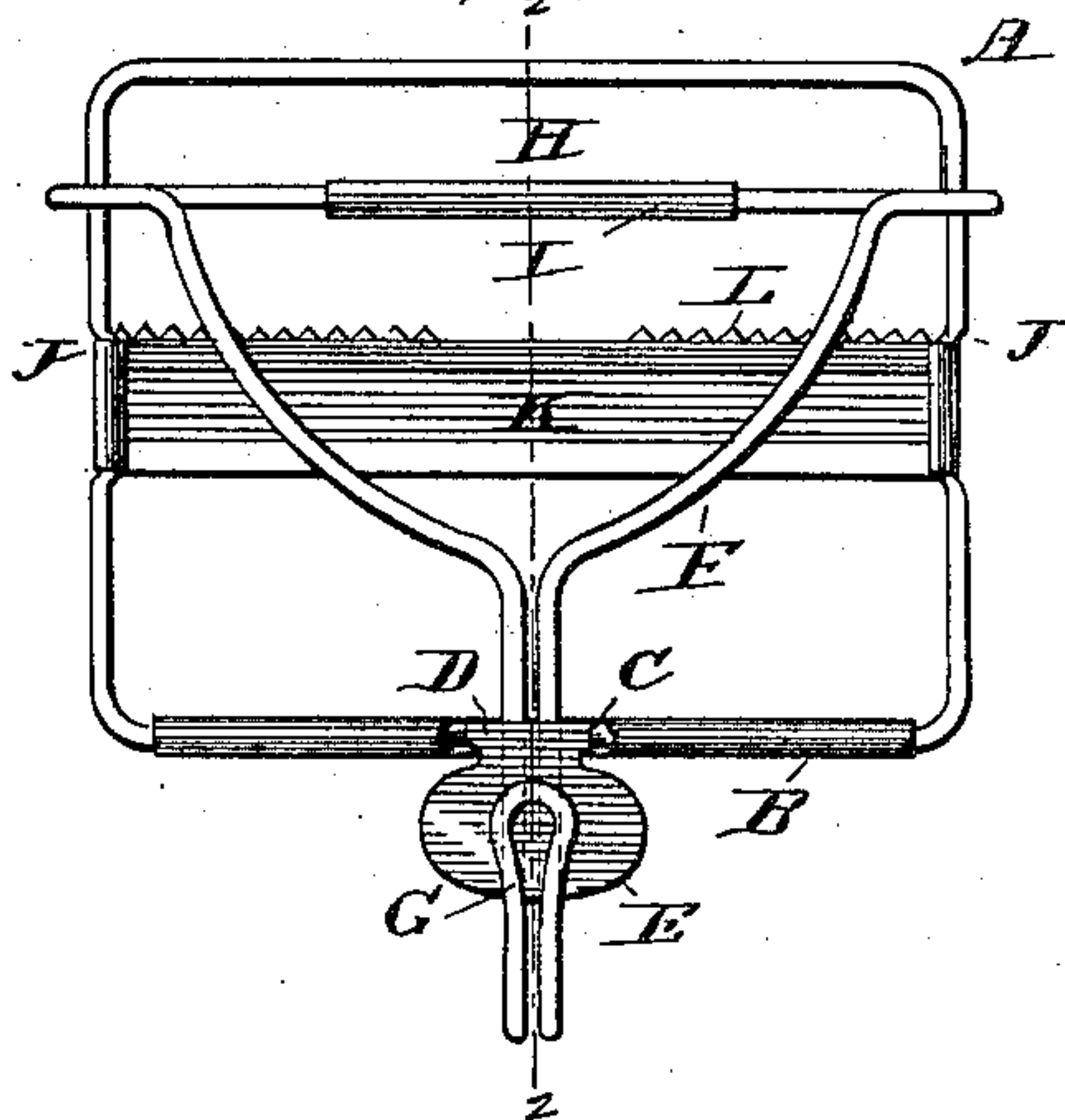


Fig. 3.

WITNESSES:

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SUSPENDER-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 432,258, dated July 15, 1890.

Application filed May 19, 1890. Serial No. 352,352. (No model.)

To all whom it may concern:

Be it known that we, SAMUEL BAUM and VICTOR B. ULMAN, of the city of Williamsport, county of Lycoming, and State of Pennsylvania, have invented certain new and useful Improvements in Suspender-Buckles, of which the following is a specification, reference being had to the accompanying drawings.

10 The object of our invention is to produce a simple, cheap, and durable buckle that will automatically fasten upon the web of a suspender by the tension on the buckle, so that the greater the strain the closer the buckle
15 will hold.

In the accompanying drawings, Figure 1 is a plan view of the buckle complete. Fig. 2 is a central section, the dotted lines indicating the position of the suspender in place; and Fig. 3 shows a supporting-piece and hook detached.

Referring to the letters upon the drawings, A indicates the frame of the buckle, which is preferably of oblong rectangular shape, and
25 consists of a piece of wire bent into the shape required and joined at its bottom by the tubular piece B. This tubular piece is preferably made of a strip of flat metal, and is bent around the ends of the frame and secured to it by any suitable means. The middle of this tubular strip is cut away at C, and within the space so formed between the ends of the frame and the walls of the tubular piece is fastened the bridge part D, that carries the guard-piece E.

F indicates a combined clasp and supporting-piece, that is preferably composed of a single piece of wire bent in the middle and doubled a short distance from the middle and
40 bent to form a hook G. The ends are then passed through the space between the bridge-piece and the cut-away part of the tubular piece B and then around the sides of the frame to form eyelets or bearings for the clasp upon the frame and joined together at its ends by a tubular piece of metal H to form a movable cross-piece I. The tubular piece H is preferably made of a strip of metal and bent around the ends of the wire and fastened.

50 J indicates depressions in the middle part

of the sides of the frame, that are adapted to be infolded by the ends of the cross-piece K and keep it firmly in position upon the frame. This fixed cross-piece is preferably provided with teeth L, that bite into the web and hold
55 the buckle in place upon it, at the same time distributing the strain of the weight supported evenly across the entire width of the web. The buckle in use upon a suspender is fastened to the web, or what corresponds to
60 it, by passing the loose end of the web, that passes over the shoulder of the wearer, over the end of the frame A opposite to that part which carries the hook, next underneath the movable cross-piece, then over the fixed cross-
65 piece, and out under the lower end of the frame, as shown in Fig. 2. A supporting end of the usual kind is fastened in the usual way—for instance, by a ring—to the hook. As soon as pressure is exerted upon the mov-
70 able cross-piece through the hook it draws the cross-piece against the fixed cross-piece and fastens the web securely in position, preventing all possibility of escape. The guard-piece fills the space at the ends of the hook,
75 so as to prevent the escape of the ring. The buckle may be raised upon the web by grasping the end of the movable cross-piece upon the thumb or the first finger while the end of the web is firmly held and pulling upon the
80 buckle. It will thereupon slide easily upon the web and can be adjusted to any position.

What we claim is—

A suspender-buckle consisting of the combination, with its frame and the fixed cross-piece
85 thereon, of the hooked sliding piece F, provided with bearings around the sides of the frame, and the cross-piece I, extending from one side bar to the other and adapted to engage with and hold the web of a suspender
90 between it and the fixed cross-piece, substantially as set forth.

In testimony of all which we have hereunto subscribed our names.

SAMUEL BAUM.
VICTOR B. ULMAN.

Witnesses:

JOHN M. OTTO,
JAMES MANSEL.