

(No Model.)

T. MITCHELL.

BUCKLE.

No. 368,299.

Patented Aug. 16, 1887.

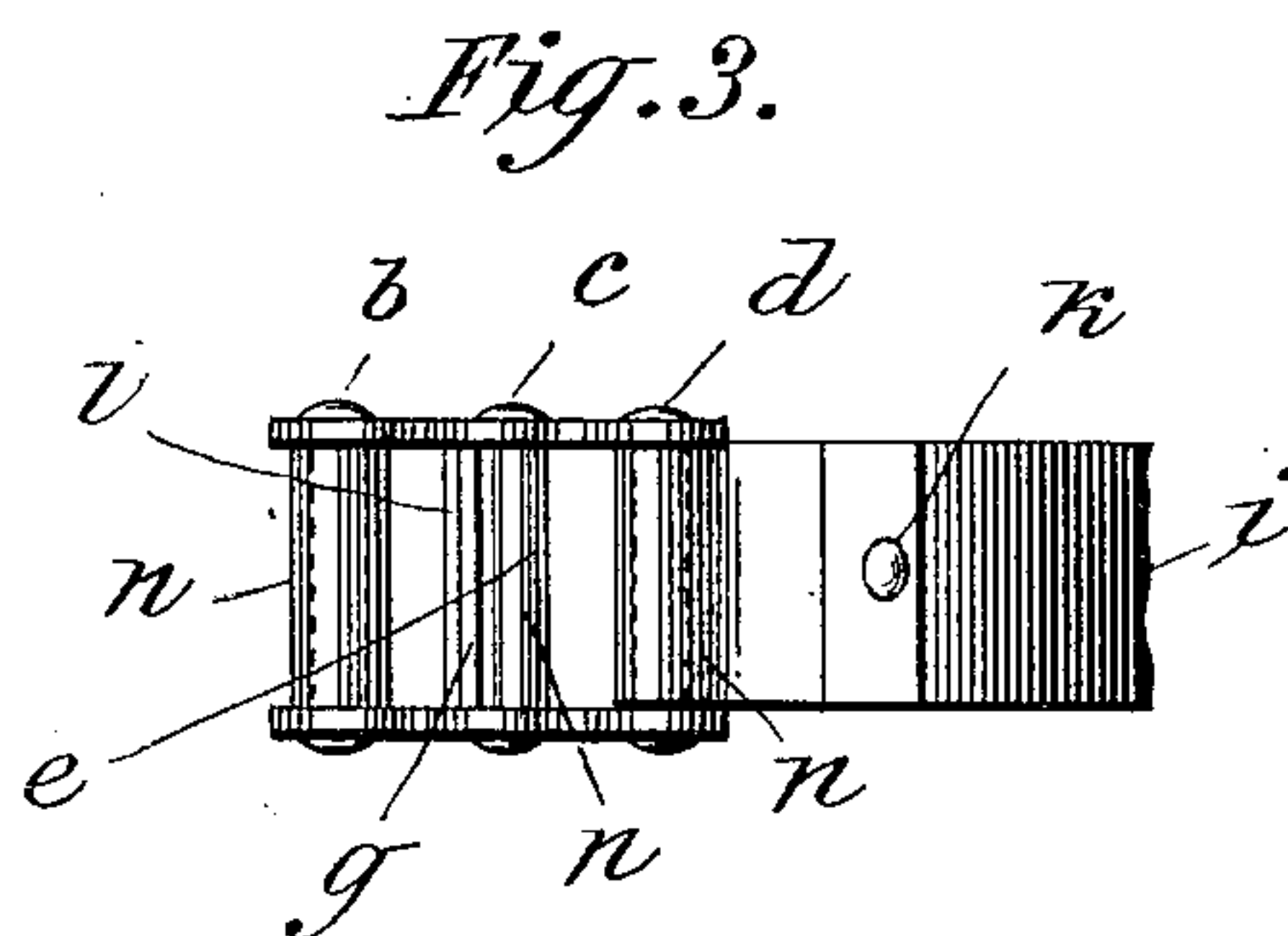
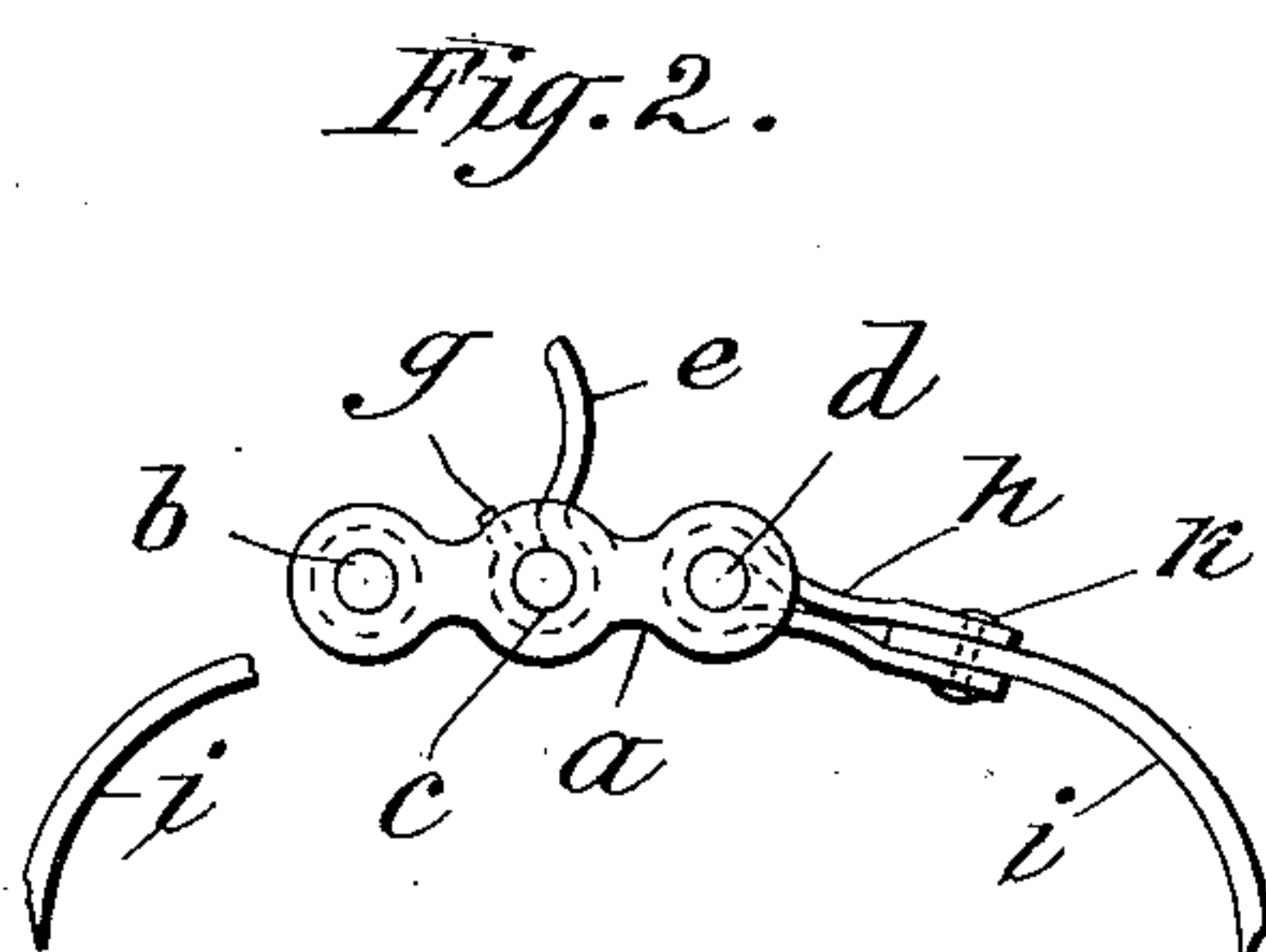
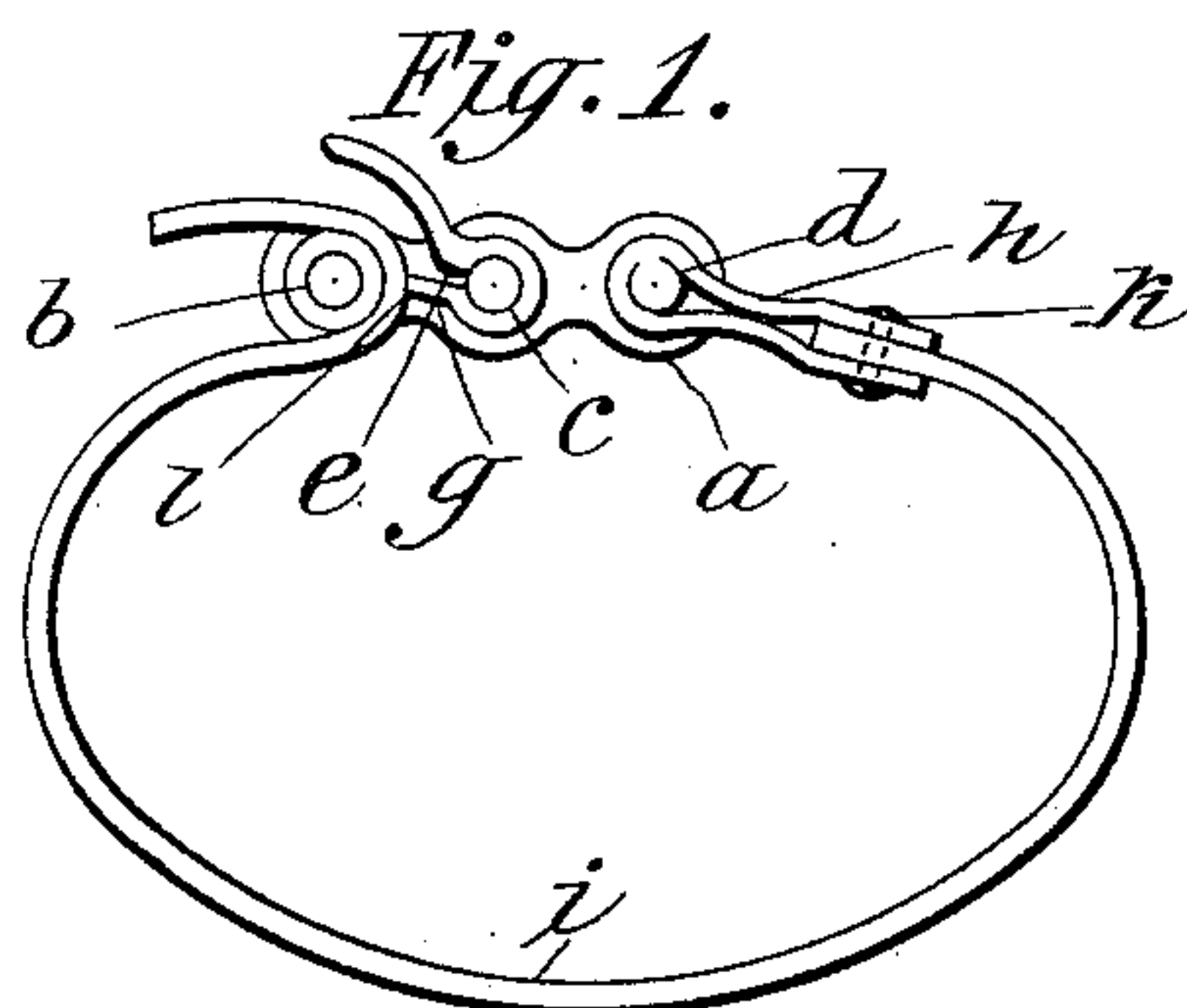


Fig. 4.

Witnesses:
Thomas H. Mitchell *g*
John L. Nuttall.

Inventor:
Thomas Mitchell.

UNITED STATES PATENT OFFICE.

THOMAS MITCHELL, OF BROOKLYN, NEW YORK.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 368,299, dated August 16, 1887.

Application filed January 28, 1887. Serial No. 225,827. (No model.)

To all whom it may concern:

Be it known that I, THOMAS MITCHELL, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Buckles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to an improvement in buckles for leather, cloth, or flexible straps, and is so constructed that the strap is held exactly at that point of strain desired firmly and positive; and it further consists in certain peculiarities of construction and combination of parts, securing such strength, ease of action, and without the least slack in shutting the buckle, as will be hereinafter set forth.

In the annexed drawings, illustrating my invention, Figure 1 is a side view of the buckle closed upon a strap, with one of the side frames removed to show the interior construction. Fig. 2 is likewise a side or edge view of the buckle open, showing the handle-tube provided with a tongue standing perpendicularly. Fig. 3 is a top view showing the sides of the frame, the tubes and pins or pin-bearings within them, and which form the shoulders against which the pins are riveted at each end, forming the frame of the buckle. Fig. 4 is an edge view of the handle-tube provided with a tongue.

Like letters of reference denote like parts in the several figures.

a represents the side of the frame-pieces, as shown in Figs. 1 and 2.

b represents the hollow of the tube for the pin-bearer in Fig. 1 and the projecting riveted end in Fig. 3.

c represents the hollow in the handle-tube, provided with the tongue, as shown in Fig. 1, and the projecting pin-bearer, upon which it

plays, in Fig. 3. This tongue may be formed of one or more lips, each longer than the preceding one, in order to hold equally firm thicker or thinner straps, or the variations of thickness in the same strap.

d represents the hollow of the tube around which the strap-holder is formed and plays, as shown in Fig. 1, and its projecting pin-bearer in Fig. 3.

e represents the handle, and *g* the tongue, of the handle-tubular tongue, as shown in Fig. 1 and in section, Fig. 4.

h represents the strap-holder, and *k* the rivet-fastening, as shown in Fig. 3; also, *l* is the point at which the tongue presses the strap against it in Fig. 1. Its place is also shown in Fig. 3. *i* represents the whole strap in Fig. 1 and its sections in Fig. 2, and its cut-away section in Fig. 3.

e of Fig. 4 is the handle for closing and opening the buckle, and *g* represents the tongue of the handle-tube tongue.

n n n represent the plain tubes without their appendages.

It will be understood that I do not herein limit myself to the exact arrangement of the parts just described, but reserve to myself the liberty of departing and varying therefrom, as shall be deemed best suited to the easy construction and effective operation of the buckle, without, however, departing from the essential features of my invention, as herein described.

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

The handle-tube provided with a tongue, in combination with the pierced side frame piece or pieces in which the pins play or rest, and the outside bearers, *n n*, when constructed and operated substantially as and for the purpose set forth.

THOMAS MITCHELL.

Witnesses:

R. J. SLANDORFF,
F. W. DONNELLY.