

(Model.)

J. LALLY.
Trace Buckle.

No. 234,991.

Patented Nov. 30, 1880.

Fig. 1

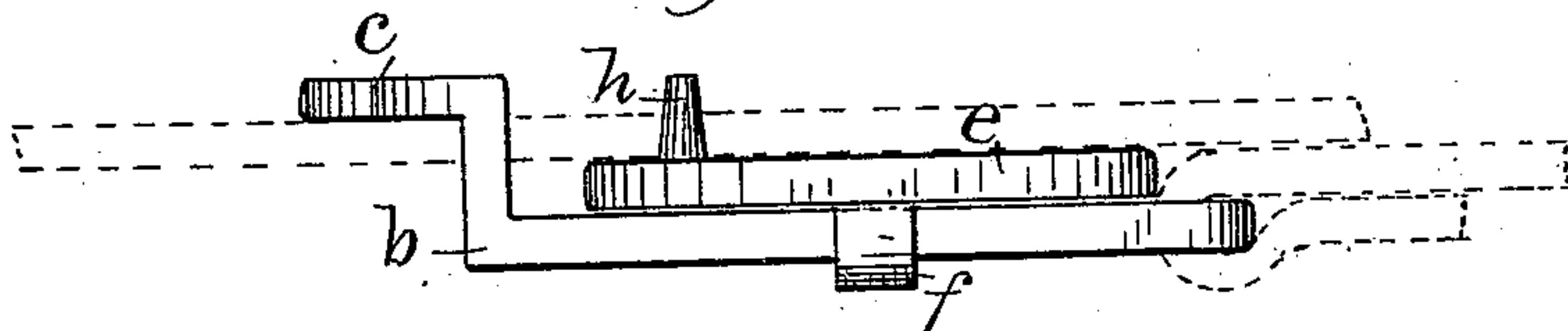


Fig. 2

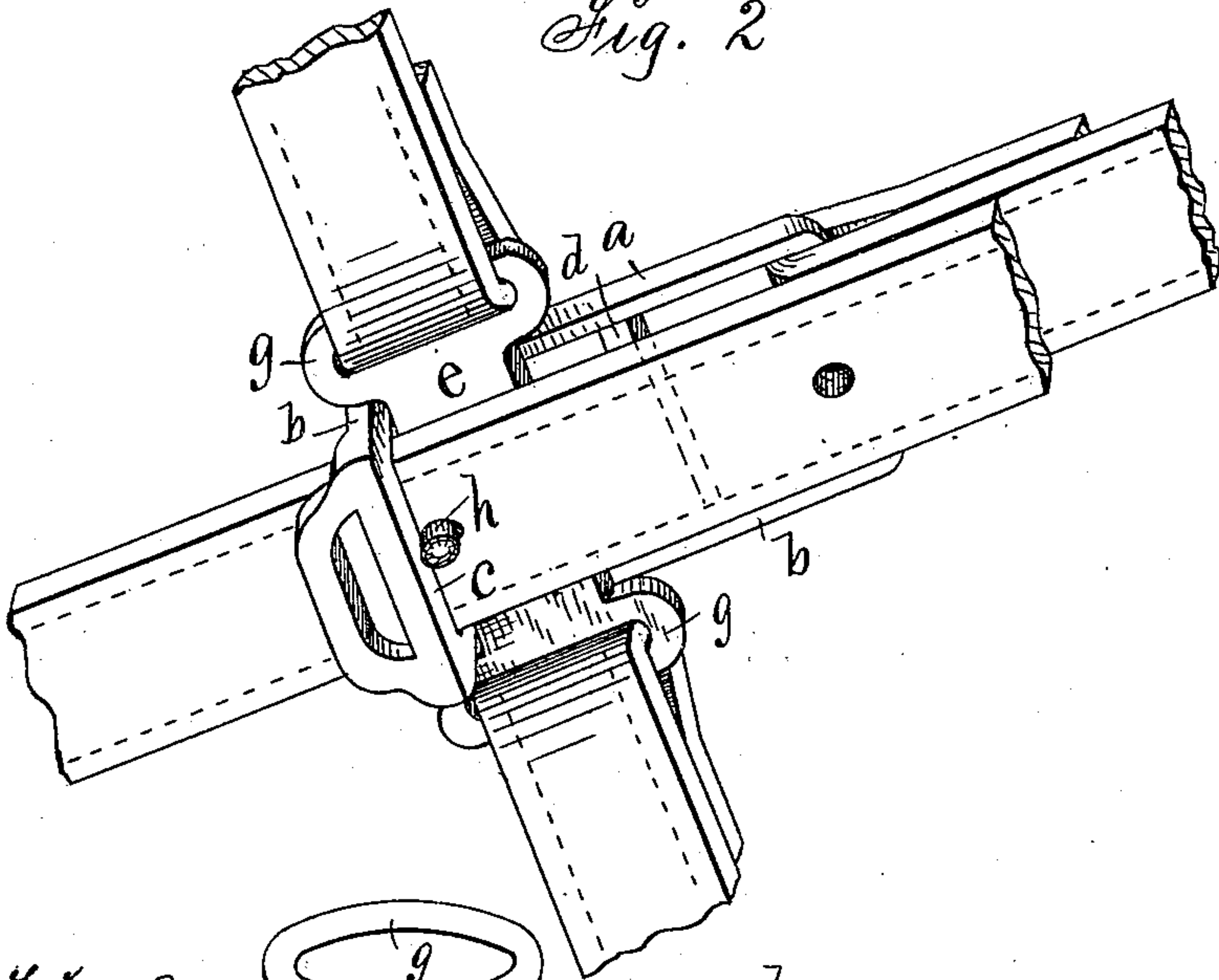
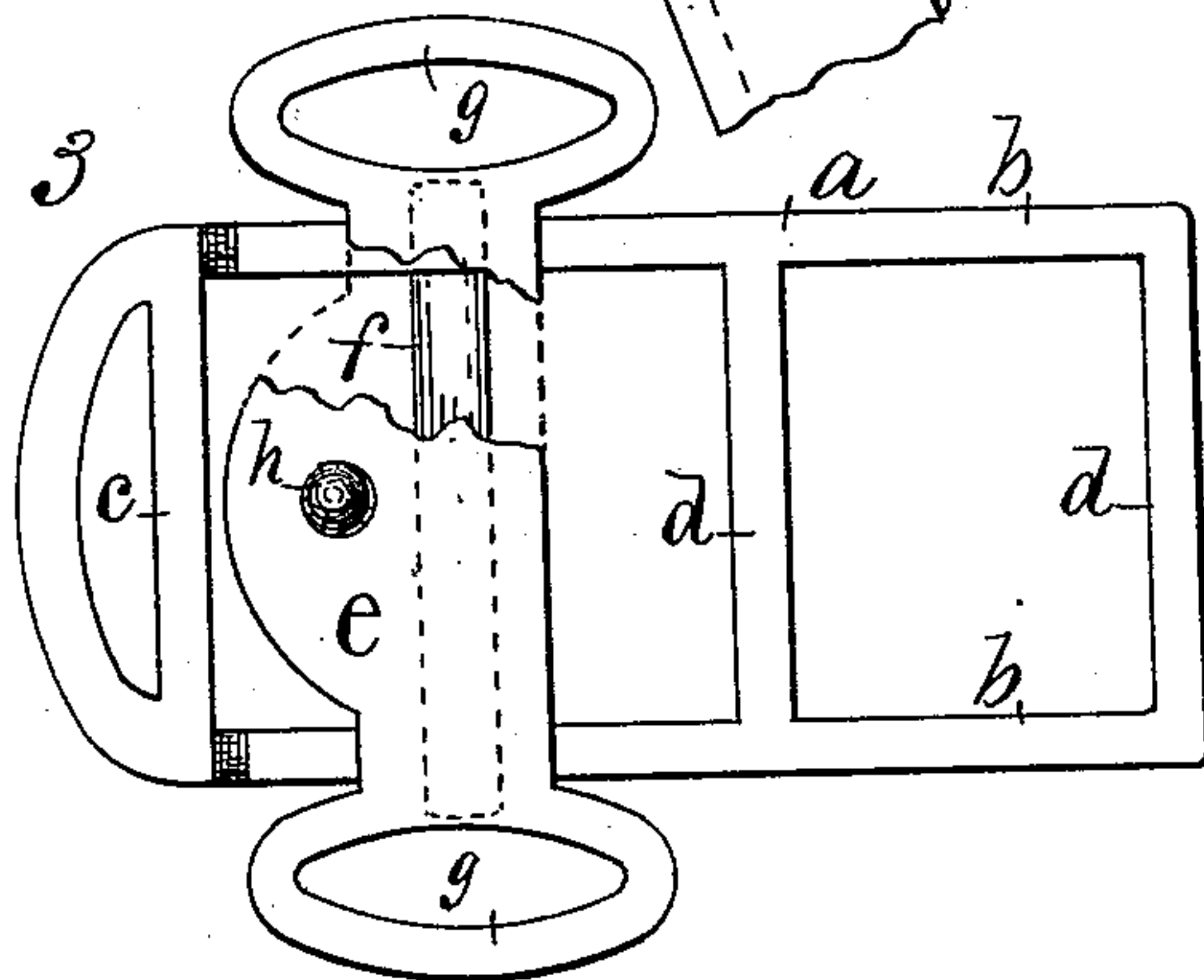


Fig. 3



Witnesses:
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UNITED STATES PATENT OFFICE.

JAMES LALLY, OF KENDALL, NEW YORK.

TRACE-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 234,991, dated November 30, 1880.

Application filed April 23, 1880. (Model.)

To all whom it may concern:

Be it known that I, JAMES LALLY, of Kendall, in the county of Orleans and State of New York, have invented an Improved Trace-Buckle, of which the following is a specification.

My invention relates to improvements in two-part buckles used to connect the trace, hame-tug, saddle, and girth straps of a harness; and the object of my improvement is to diminish the cost and labor of producing a two-part buckle that can be permanently connected by means of the hame-tug when in practical use.

Heretofore two-part buckles have been formed and detachably connected when fastened to a hame-tug, and the two parts have also been permanently connected by means of loops passed beneath the cross of one of the parts, and their free ends passed through perforations in the sliding part and then riveted.

My improvement consists in forming a two-part buckle in such a manner that the end of one part can be passed through a loop on the sliding part and fastened to a hame-tug in such a manner that the two separate parts of the buckle will be adjustably and permanently connected by means of the hame-tug, as hereinafter fully set forth.

Figure 1 of my drawings is a side view of my buckle. Fig. 2 is a perspective view, showing my buckle applied. Together they illustrate the construction and operation of my complete invention.

a represents the base-frame of my buckle.

Its parallel side bars, *b b*, are bent at right angles at their rear ends and connected by a wide and slotted bar, *c*. The center and front ends of the bars are connected by cross-bars *d d* of smaller dimensions and on a different plane from the bar *c*.

e represents the sliding frame. *f* is a loop formed integral therewith on its lower side. *g g* are loops formed integral with its ends, one to receive the end of a girth and the other to receive a strap that extends from a harness-saddle.

h is a rigidly-fixed tongue projecting vertically from or near its center.

The two frames or parts of my buckle are connected by passing the front end of the frame *a* through the loop *f* of the frame *e*, and then attaching the hame-tug to the front end of the said frame *a*, to prevent the two parts from becoming separated when a trace is withdrawn, and to allow the frame *e f g h* to slide longitudinally on the frame *a*, for the purpose of freeing and adjusting the trace.

I claim as my invention—

As an improved article of manufacture, the two-part trace-buckle composed of the frame *a b c d* and the detachable and sliding frame *e*, having a loop, *f*, on its under side, loops *g* at its ends, and a tongue, *h*, on its top side, substantially as shown and described, for the purposes specified.

JAMES LALLY.

Witnesses:

ALEX. CUMMINGS,
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