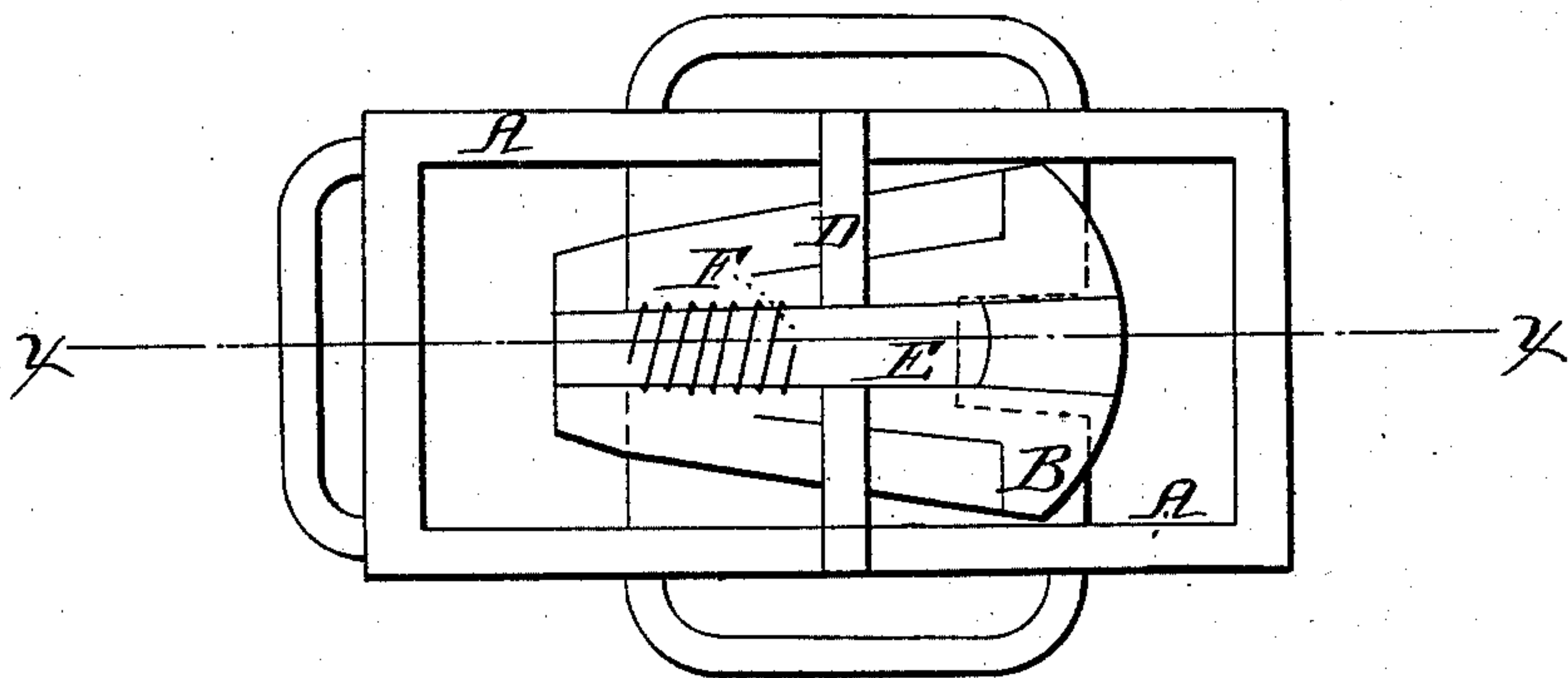
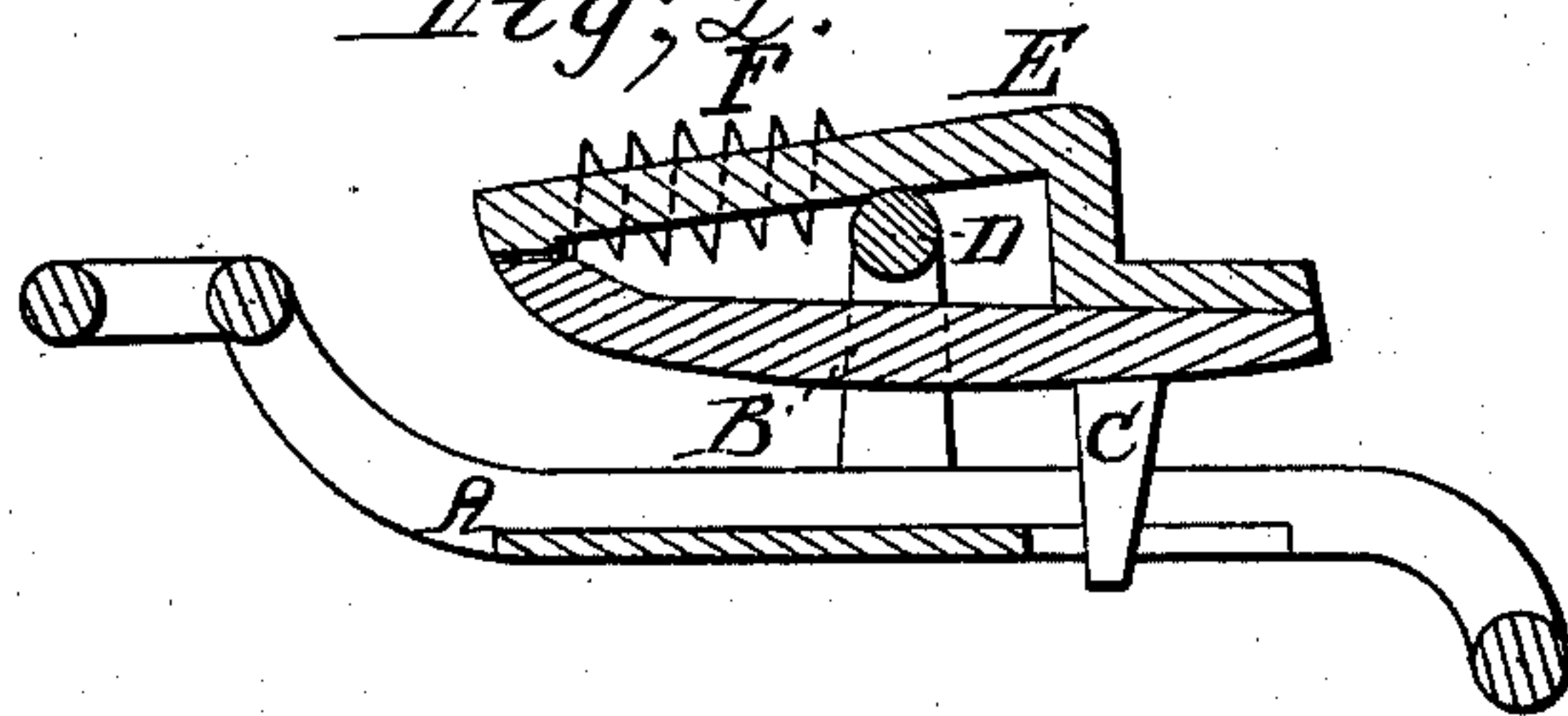


E. F. Lacy,
Trace Buckle,
Nº 68,756. Patented Sept. 10, 1867.

Fig; 1.



Fig; 2.



Witnesses;
Thos Ensch
Wm. Frewin

Inventor;
E. F. Lacy
Per Munnell
Attorneys

United States Patent Office.

E. F. LACY, OF DANVILLE, ILLINOIS, ASSIGNOR TO HIMSELF AND S. D. THOMPSON, OF THE SAME PLACE.

Letters Patent No. 68,756, dated September 10, 1867.

IMPROVED TRACE-BUCKLE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, E. F. LACY, of Danville, in the county of Vermillion, and State of Illinois, have invented a new and improved Trace-Fastener or Buckle; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to a trace-fastener or buckle, and to that class of such buckles as is embraced and described in the schedule annexed to the Letters Patent granted to A. H. Cole, October 10, A. D. 1865; and the invention consists in a novel combination and arrangement, with the frame of such buckle, of a clasp and spring to the wedge, whereby all possibility of the wedge becoming separated from the buckle is entirely obviated, and the working forward of the trace-strap, when it is slack, wholly prevented. In the accompanying plate of drawings my improved trace-fastener or buckle is illustrated—

Figure 1 being a plan or top view of the same, and

Figure 2 a central longitudinal section of the same taken in the plane of the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

A, in the drawings, represents the frame to the buckle, which, in its construction, is substantially similar to that embraced in the Letters Patent hereinbefore referred to; B, the wedge, having a tongue, C, at one end, and arranged to move under the cross-bar D to the frame A. E, a clasp, secured to outer side of wedge B, passing over the cross-bar D, and thus holding the wedge always thereto. This clasp E is provided with a spiral or coiled spring, F, that is arranged to bear against the said cross-bar D, and thus to prevent the trace-strap from working forward when slack, as, for instance, on a down grade; as well also if by any possibility the trace should be then moved from its proper place the spring will serve to force the tongue into the first hole that comes opposite thereto.

I claim as new, and desire to secure by Letters Patent—

The clasp, in combination with the wedge, having a tongue, substantially as and for the purpose described.

I also claim the spring or its equivalent, in combination with the above, substantially as and for the purpose specified.

E. F. LACY.

Witnesses:

ELIAS GOOD,
C. J. McGEE.