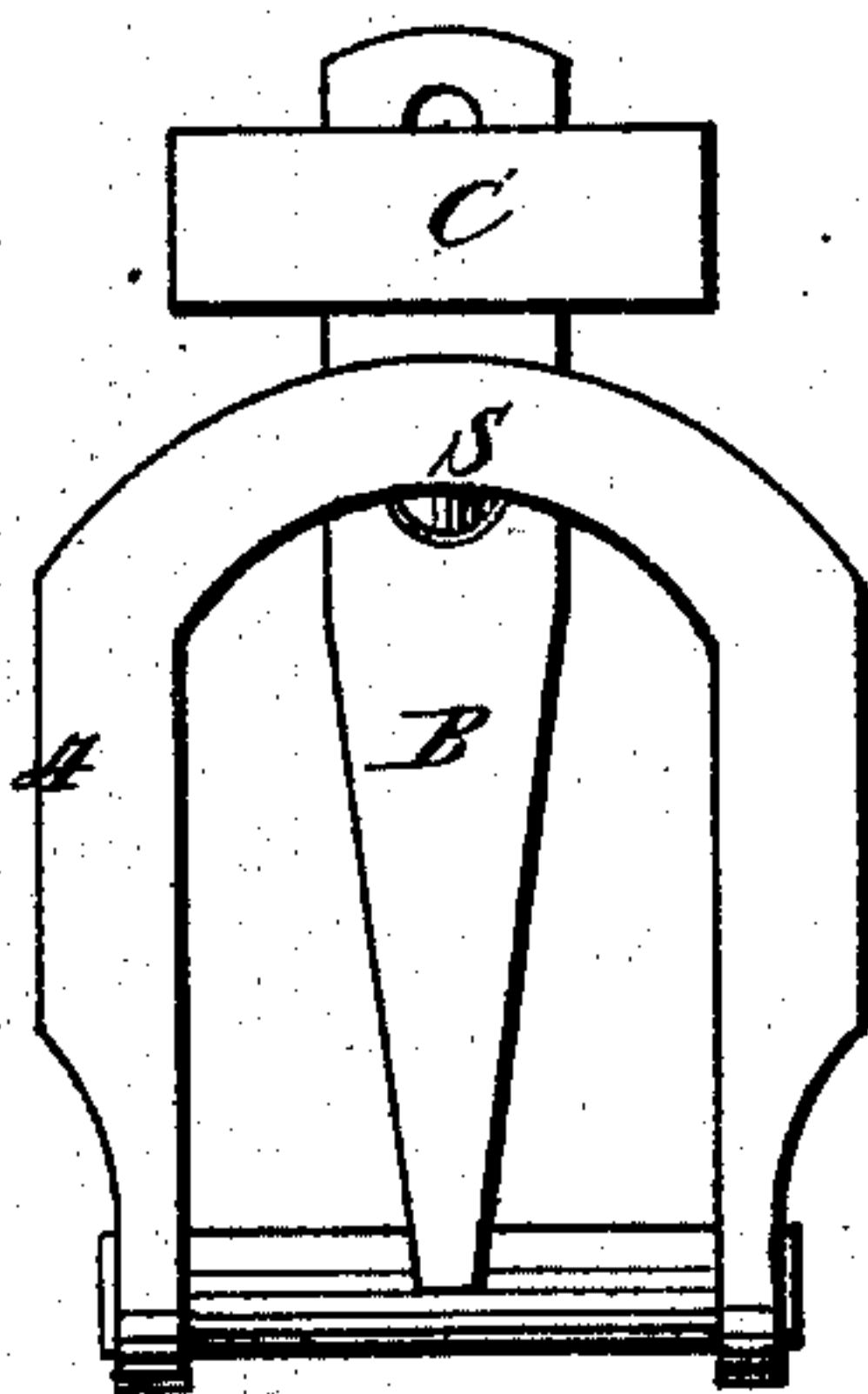


**G. RIEGER.**  
**Harness-Buckles.**

**No. 146,361.**

**Patented Jan. 13, 1874.**



**Witnesses,**

*Barton Peckham*  
*Wm Colark*

**Inventor,**

*George Rieger*

# UNITED STATES PATENT OFFICE.

GEORGE RIEGER, OF DAYTON, OHIO.

## IMPROVEMENT IN HARNESS-BUCKLES.

Specification forming part of Letters Patent No. **146,361**, dated January 13, 1874; application filed November 8, 1873.

*To all whom it may concern:*

Be it known that I, GEORGE RIEGER, of Dayton, in the county of Montgomery and State of Ohio, have invented an Improved Harness-Buckle, of which the following is a specification:

My invention relates to a form of buckle in which a projection from the plate or frame is substituted for the ordinary tongue.

The figure is a perspective view of the buckle.

A represents the frame or plate of the buckle, and is similar in form and construction to the frames in general use, with this exception: On the under side of the plate is a projection or pin, S, which is a permanent part of the plate. To the rear of the frame is pivoted the tongue B in the usual manner. This tongue has an orifice to receive the end of the pin, and thus gives the pin additional support. Near the front end of the tongue is attached a perma-

nent metallic loop. This loop serves to prevent the strap which enters the loop from being pulled outward, which would disengage the pin from the same. To the rear end of the buckle the strap is sewed in the usual manner. The other strap is passed between the frame (after first entering the loop) and the tongue; and, by being pressed together, the pin is made to enter the hole of the strap, and is thus securely held.

What I claim as my invention is—

The improved buckle, consisting of tongue B, having a permanent metallic loop, and the plate A, with pin S, arranged substantially as described.

GEORGE RIEGER.

Witnesses:

BARTON PICKERING,  
W. H. CLARK.