

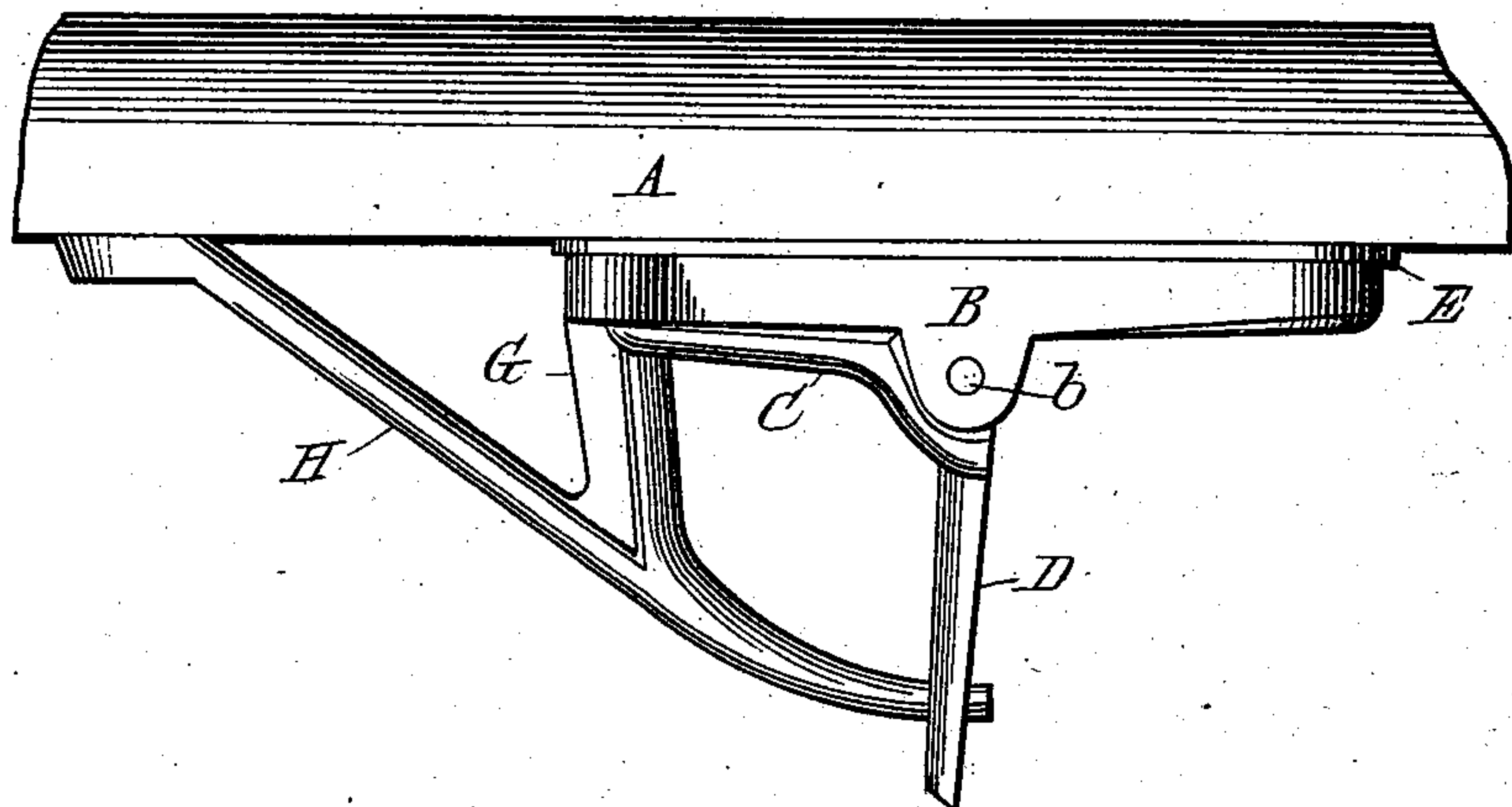
(No Model.)

D. A. CAMP.  
HOLDBACK.

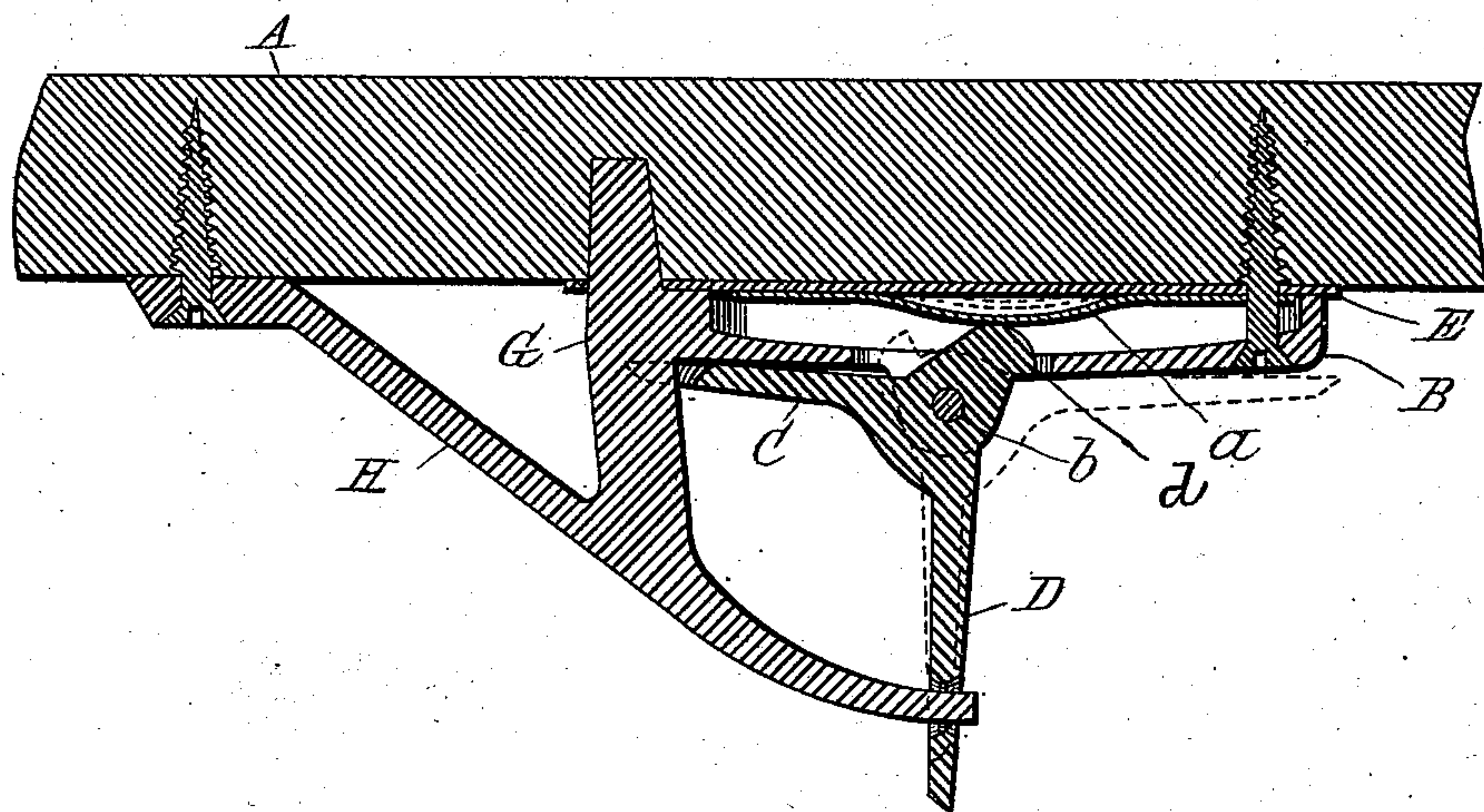
No. 376,796.

Patented Jan. 24, 1888.

*Fig. 1.*



*Fig. 2.*



Witnesses:  
Edward H. Dearitt  
Rufus R. Rorer

Inventor:  
Daniel A. Camp,  
By J. J. Dearitt  
his Attorney.

# UNITED STATES PATENT OFFICE.

DANIEL A. CAMP, OF BARRE, VERMONT.

## HOLDBACK.

SPECIFICATION forming part of Letters Patent No. 376,796, dated January 24, 1888.

Application filed April 7, 1887. Serial No. 234,074. (No model.)

*To all whom it may concern:*

Be it known that I, DANIEL A. CAMP, a citizen of the United States, residing at Barre, in the county of Washington and State of Vermont, have invented a new and useful Holdback, of which the following is a specification.

My invention relates to a holdback attached to the thills of a carriage or sleigh.

The object of my invention is to provide a holdback that is convenient and safe, and that will prevent the strap of the harness while held in the holdback from getting unhitched while in use; but in case the tugs of the harness become unhitched, by accident or otherwise, the pressure of the strap when pressing forward disconnects itself, allowing the horse to become free from the thills.

The accompanying drawings are referred to and made a part of this specification.

In the drawings, Figure 1 is a plan view, and Fig. 2 is a horizontal section, of my improved holdback.

In the drawings, A represents the thill.

B represents a case in which spring *a* is inclosed, and to which arms C and D are pivoted at *b*, having cam projection *d* resting on the spring *a* inclosed in the case B.

E is a cap between the spring and the thill, holding the spring in its proper place. E has an opening at each end, through which the screw that attaches the case to the thill passes at one end and the extended end of standard G through the other end.

G is a standard against which the pressure

of the harness-strap comes in backing the carriage.

H is a brace, one end of which is attached to the thill by a screw or its equivalent, the other end extended, and, in connection with the pivoted arms C and D, forming three sides of the inclosed space which holds the strap of the harness.

In using my invention, after the horse is backed between the thills, press the holdback-strap of the harness against arm C, when arm C is thrown against case B, and arm D, by the action of the cam and spring, is brought so the orifice in the end of arm D engages with the extended end of brace H, completely inclosing the holdback-strap.

To disengage the harness from the thills the horse in moving forward brings the harness-strap against arm D, tipping the arm down, and by action of the spring-arm C throws the strap entirely free from the holdback.

Having thus described my invention, what I wish to secure by Letters Patent is—

The combination, with the case having the closed front, and also having the standard G, provided with the brace H, of the pivoted arms C D, having the cam projection *d*, the spring *a*, and the cap E, said cap having an opening through which the standard G passes, as set forth.

DANIEL A. CAMP.

Witnesses:

JOHN J. DEAVITT,  
THOMAS J. DEAVITT.