(No Model.)

J. J. ROONEY.

SAFETY STIRRUP HOLDER.

No. 500,512. Patented June 27, 1893.

Fig. 1.

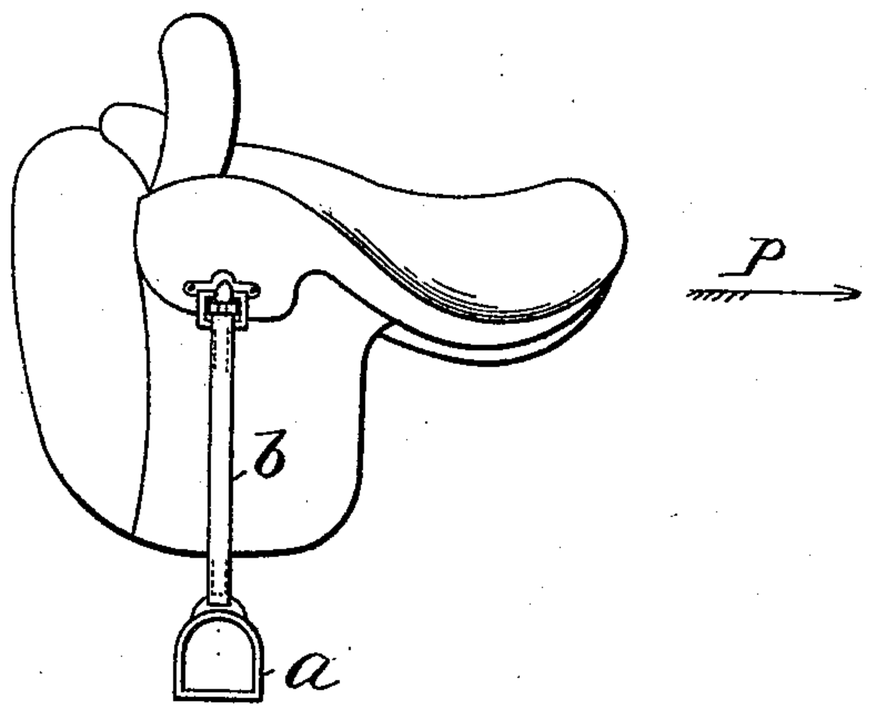


Fig. 2.

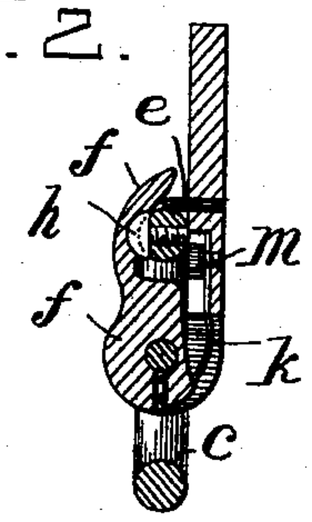


Fig. 3.

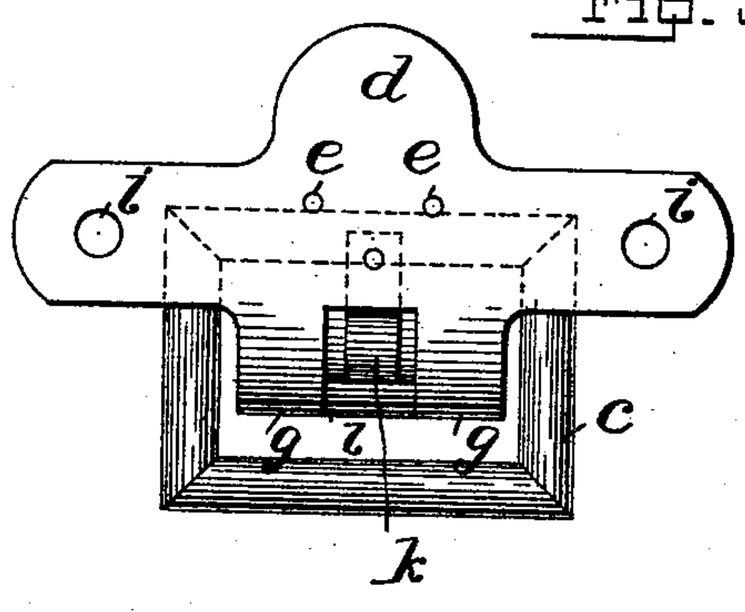
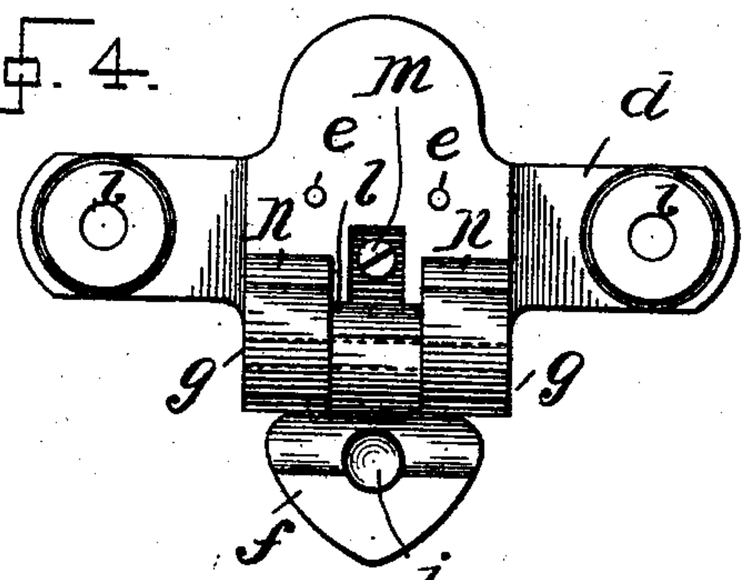


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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SAFETY STIRRUP-HOLDER.

SPECIFICATION forming part of Letters Patent No. 500,512, dated June 27, 1893.

Application filed February 11, 1893. Serial No. 461,903. (No model.)

To all whom it may concern:

Be it known that I, JOHN JOSEPH ROONEY, a citizen of the United States of America, and a resident of Brooklyn, in the county of Kings, State of New York, have invented certain new and useful Improvements in Safety Stirrup-Holders, (Case No. 1,) of which the following is a specification.

The object of my invention is to provide an attachment to stirrups so that if the rider is thrown the stirrups will be detached from the saddle and therefore the rider will become free from the horse.

The device is set forth in the accompanying drawings.

Figure 1 is a front elevation of a saddle equipped with my invention and shows the location of the device embodying the invention. Fig. 2 is a vertical cross section of the device, in its normal condition, ready for use. Fig. 3 is a rear elevation of the device in its normal condition. Fig. 4 is a front elevation of the device, from which the strap holder is removed and in which the clasp is shown open.

The device embodying my invention consists in the combination with a stirrup *a* and a strap *b;* of a ring *c* or rectangular frame; a plate *d* having projecting pins *e* against which the ring bears; a hinged clasp *f*, between which and the plate is clamped said ring; lugs *g* in which is hinged said catch; a knob *h* upon the ring and located normally in a recess *j* in the clasp *f;* and holes *i* by which the plate *d* may be riveted to the saddle.

Other details are as follows:—On the front part of the plate is a spring *k* which bears upon the back part of the clasp *l*. This spring is fastened on the front of the plate by means of the screw *m*, but bears on the back of the said clasp. On the upper part of the lugs are grooves *n* forming bearing for the ring *c* which is rotary therein. The two projecting pins *e* are directly above said grooves. The ring *c* can rotate through one hundred and eighty degrees.

The operation may be stated as follows:—When the pressure of the foot in the stirrup is downward as it is in the ordinary use of a stirrup the ring presses upon the lugs and has no tendency to escape, but as soon as the stirrup is pulled substantially in or above a horizontal plane passing through any portion of the device the ring pulls open the clasp *f* and escapes. It is so arranged that if the pull is lateral, that is in the direction of either arrow *o*, *p*, the ring will also escape in the direction and in the plane of the arrow, &c. The ring will also escape if the pull is directly upward.

It is evident that if the rider is thrown, he may without stopping to remove his foot from the stirrup, jerk his foot from the clasp and thereby free himself from the saddle, thereby jerking in any direction except downward.

I claim as my invention—

The combination with a plate *d* which is fastened to a saddle; of lugs *g* having grooves therein; pins projecting from said plate and located above said grooves a loop having a knob *h* and located between said pins and in said grooves; a clasp *f* hinged to said lugs normally bearing in said groove and having a recess *j* in which is located the knob on said loop and a spring *k*, on the plate *d*, bearing on the clasp *f*.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 3d day of February, 1893.

JOHN JOSEPH ROONEY.

Witnesses:
EDWARD P. THOMPSON,
ROBERT S. CHAPPELL.