

(No Model.)

G. E. TUCKER.
STIRRUP.

No. 470,770.

Patented Mar. 15, 1892.

FIG. 1.

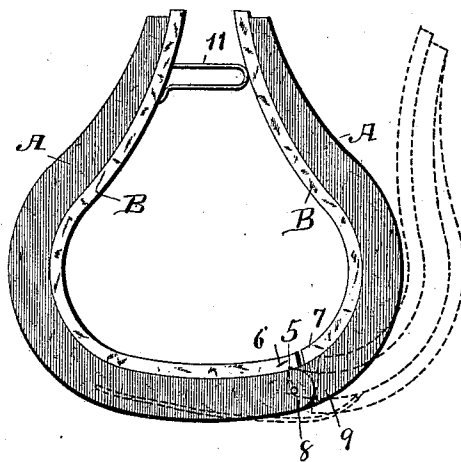


FIG. 2.

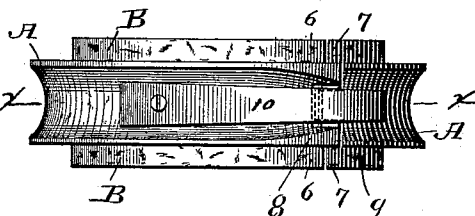
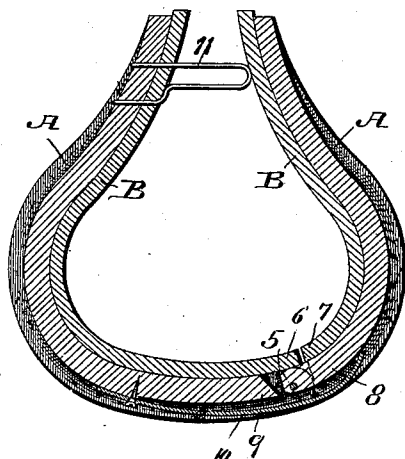


FIG. 3.



ATTEST.

J. Henry Kaiser
Joseph C. Stack

INVENTOR.

George E. Tucker

By *J. M. Vale*

Atty.

UNITED STATES PATENT OFFICE.

GEORGE E. TUCKER, OF MOUNT VERNON, ILLINOIS.

STIRRUP.

SPECIFICATION forming part of Letters Patent No. 470,770, dated March 15, 1892.

Application filed November 5, 1891. Serial No. 410,913. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. TUCKER, a citizen of the United States of America, residing at Mount Vernon, in the county of Jefferson and State of Illinois, have invented certain new and useful Improvements in Safety-Stirrups, of which the following is a specification, reference being had therein to the accompanying drawings.

The object of my invention is to provide a safety-stirrup for riding-saddles that will release the foot of the rider by pressure upon its outer side and will automatically return to its normal upright position when such pressure is removed.

My further object is to provide a foothold that is superior to metal and to surround the foot with a substance which is not a good conductor of heat and cold.

I accomplish my objects by the means hereinafter set forth.

In the drawings, Figure 1 is a side elevation of my stirrup. Fig. 2 is a plan view of the bottom thereof, and Fig. 3 is a sectional view through the line *xx* of Fig. 2.

Like letters and figures refer to the same parts throughout the several views.

I construct my stirrup in two sections, fastened together in any suitable manner, the outer section A being of metal and concave on its outer face and the inner section B being of leather or similar substance, which will afford the desired foothold and will prevent the foot from coming in contact with the metal. Near the outer edge of the foot-rest I provide the hinge or pivot 5 in the metallic section A, and separate the inner section B at this point into two parts 6 and 7, the metallic section A also being in two parts 8 and 9, but pivoted or hinged together at the outer side of the center, as above described. For the

purpose of holding the inner hinged parts 6 and 7 upright in position in the absence of pressure I provide the spring 10, attached at one end to the metallic part 9 upon the bottom of the foot-rest, the other and free end being upturned, conforming to the shape of and pressing against the outside of the metallic part 8 within the concave groove. It is plain that in case the rider is thrown the pressure of his foot upon the outer portion of the stirrup will cause it to swing outwardly and downwardly, thus opening the stirrup, releasing the foot, and preventing the rider from being dragged by reason of his foot becoming entangled with and held in the stirrup. It is plain that when pressure is removed from the outer portion the tension of spring 10 will restore it to its normal upright position.

I attach the stirrup to the stirrup-strap by means of the loop or staple 11 passing through the top of the inner section of part 7 and rigidly fastened to the metallic section A at the top of part 9.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A safety-stirrup comprising a rigid section having a loop attached near its upper end for the stirrup-strap and a section connected thereto by a pivot under the foot-rest, a spring attached to the rigid section extending beyond the pivot to hold the sections normally closed, and a sectional leather lining for the stirrup, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE E. TUCKER.

Witnesses:

A. D. WEBB,
CHAS. WEBB.