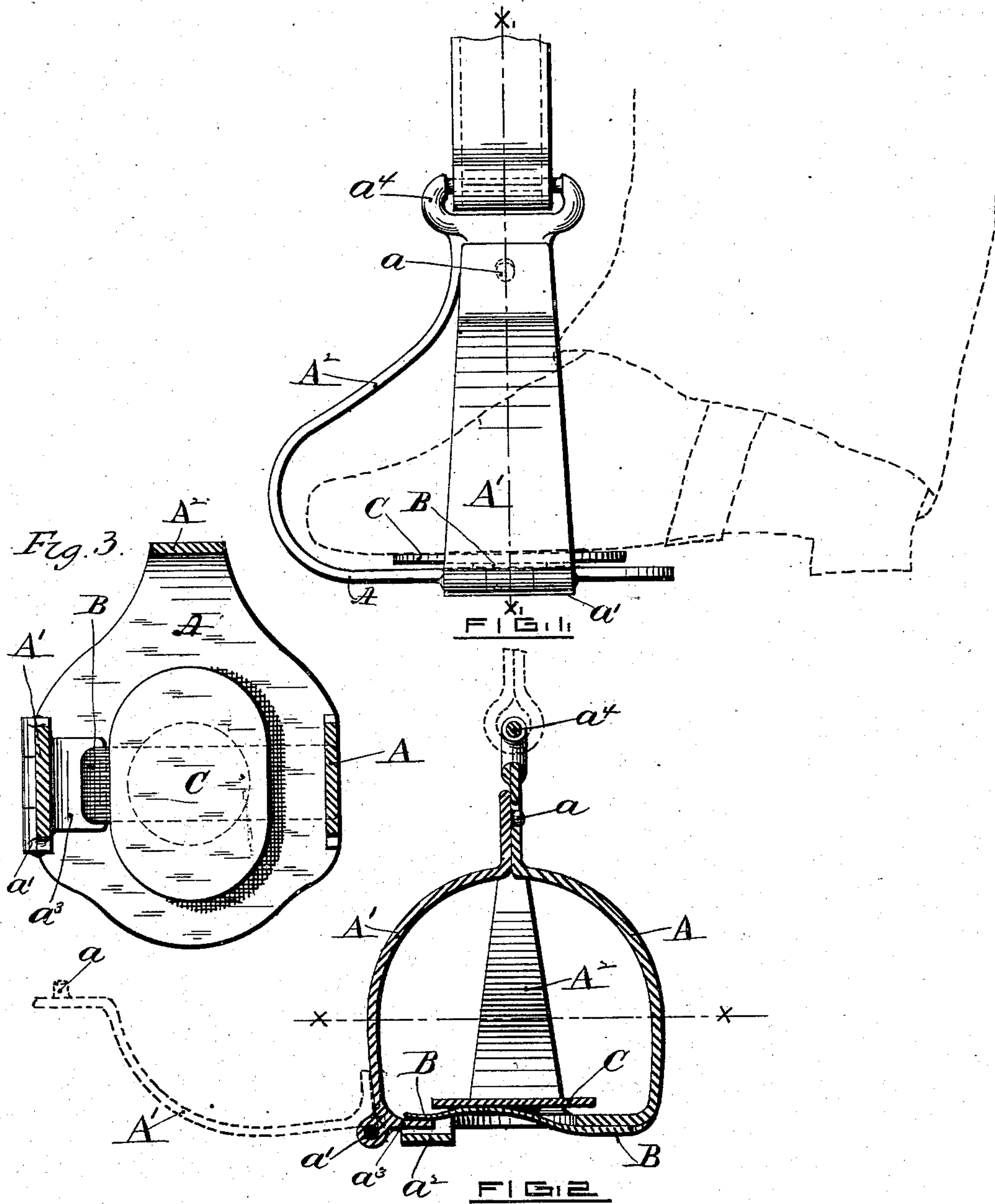


(No Model.)

S. F. ENGLISH.  
SAFETY STIRRUP.

No. 269,035.

Patented Dec. 12, 1882.



WITNESSES:

Thed A. Goy.

Charles Remington.

INVENTOR:

Samuel F. English.  
By Geo. H. Remington.  
Atty

# UNITED STATES PATENT OFFICE.

SAMUEL F. ENGLISH, OF CHICAGO, ILLINOIS.

## SAFETY-STIRRUP.

SPECIFICATION forming part of Letters Patent No. 269,035, dated December 12, 1882.

Application filed August 7, 1882. (No model.)

*To all whom it may concern :*

Be it known that I, SAMUEL F. ENGLISH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Safety-Stirrups; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to an improved safety-stirrup, whereby the foot may be instantly freed or released in case of accident; and it consists of a stirrup having a toe-guard, a hinged side guard, and a spring-latch provided with a foot-plate.

Figure 1 represents a side elevation of the stirrup attached to a saddle-strap, showing the toe-guard and hinged side guard. Fig. 2 is a vertical transverse section on line *xx* of Fig. 1. Fig. 3 is a horizontal section through *xx* of Fig. 2, showing the spring-latch with foot-plate secured thereto.

A is the stirrup, to which is rigidly secured the toe-guard  $A^2$ , having the upper part thereof provided with a suitable loop, to which is to be secured the saddle-strap. At one side and to the bottom of the stirrup, at  $a'$ , is hinged the side guard,  $A'$ , said guard being provided at its lower end, and at right angles therewith, with an inwardly-projecting lug,  $a^3$ , the upper end of

said guard having secured thereto a pin,  $a$ , which is adapted to loosely fit a hole in the top portion of the stirrup A, and designed to prevent lateral motion of the guard when the same is in position. A spring-latch, B, provided with a foot-plate, C, is secured at the bottom, and near one side of the stirrup the free end of said latch engages with the lug  $a^3$ , which serves by its pressure on the lug to retain the hinged side guard in position, as shown in Fig. 2. The object of the foot-plate C is to present a broad surface to the foot, and at the same time assist in retaining the guard  $A'$  in position. The toe-guard  $A^2$  prevents the foot from being pushed too far into the stirrup. It is evident that after raising the foot from the plate C a slight lateral pressure against the guard  $A'$  would cause it to open and the foot of the rider would be released.

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

The combination, in a safety-stirrup provided with the toe-guard  $A^2$ , of the hinged side guard,  $A'$ , with the spring-latch B, the latter provided with the foot-plate C, substantially as shown and set forth.

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

SAMUEL F. ENGLISH.

Witnesses:

DAVID T. JACK,

SAML. B. SIDEBOTHAM.