

(No Model.)

F. A. GOODRIDGE.
STIRRUP.

No. 437,108.

Patented Sept. 23, 1890.

Fig. I.

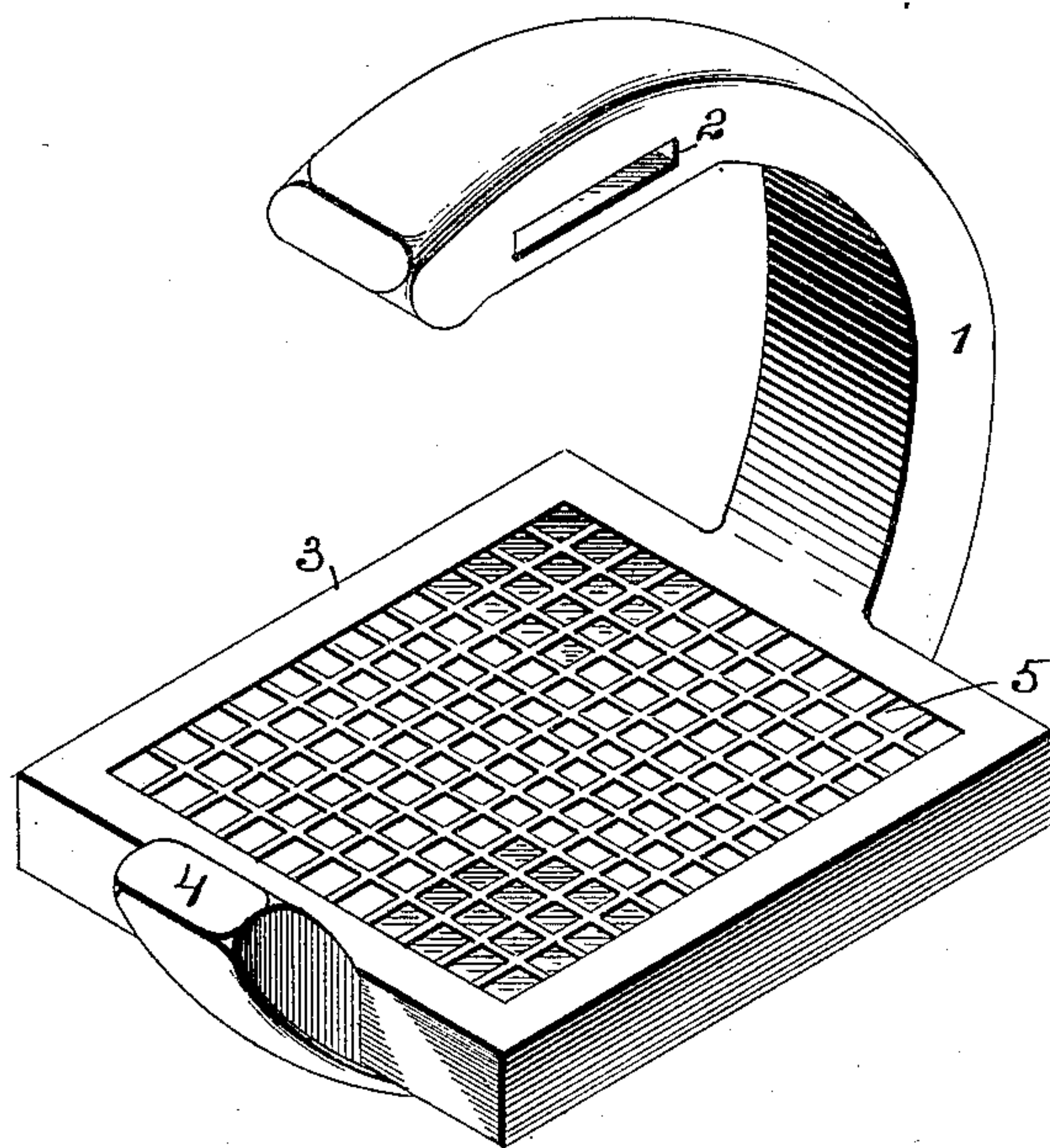
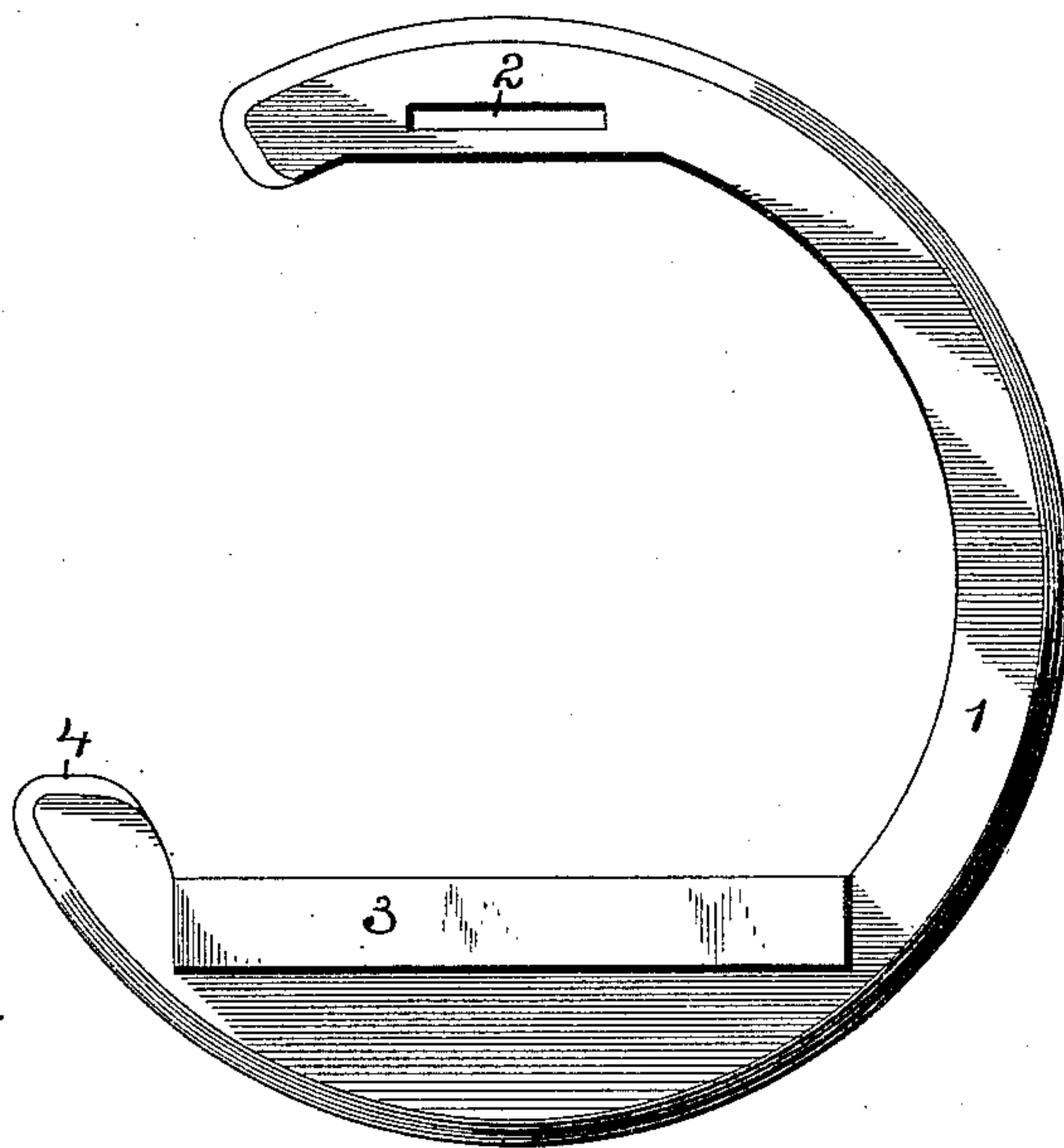


Fig. II.



Witnesses:
L. G. Fischer
E. Arthur

Inventor:
F. A. Goodridge
By *Harold R. B. M.*
Attys.

UNITED STATES PATENT OFFICE.

FREDERICK A. GOODRIDGE, OF ST. LOUIS, MISSOURI.

STIRRUP.

SPECIFICATION forming part of Letters Patent No. 437,108, dated September 23, 1890.

Application filed November 27, 1889. Serial No. 331,731. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK A. GOODRIDGE, of the city of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Safety-Stirrups, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to an improvement in stirrups; and it consists in features of novelty hereinafter described, and pointed out in the claims.

Figure I is a perspective view of my improved stirrup. Fig. II is a side elevation of the same.

Referring to the drawings, 1 represents a portion of the stirrup to which the stirrup-strap may be attached through an opening 2 near the upper end of the same. The portion 1 is made in the form of an arc of a circle, leaving a space to one side through which the foot may pass in case of the rider being thrown from the horse.

3 represents the foot-rest, which is an integral part of the portion 1, the body of the portion 1 preventing the foot from sliding off of one side of the foot-rest and the lower end 4 of the same extending up somewhat higher than the foot-rest, thus preventing the foot on any ordinary occasion from sliding off of

the opposite side of the foot-rest, but which permits the foot to pass out of the stirrup in the case of the rider being thrown. The upper surface of the foot-rest is on a plane with a chord of the arc and the opening 2 is directly above the center.

The central portion 5 of the foot-rest may be filled with rubber or other material bearing a roughened surface to prevent the foot from slipping.

I claim as my invention—

1. As an improved article of manufacture, a stirrup-frame formed in an arc of a circle and having a foot-rest on a plane with the horizontal chord of the arc, the opening between the ends of the arc constituting a passage for the foot, the opening for the supporting-strap being located at a point on a vertical line above the center of the foot-rest, substantially as and for the purpose set forth.

2. In a stirrup, the combination of the portion 1, having an opening 2 directly over the foot-rest, foot-rest 3, having a roughened central portion 5, and the extension 4, extending above the plane of the foot-rest, substantially as described, and for the purpose set forth.

FREDERICK A. GOODRIDGE.

Witnesses:

JAS. E. KNIGHT,
F. G. FISCHER.