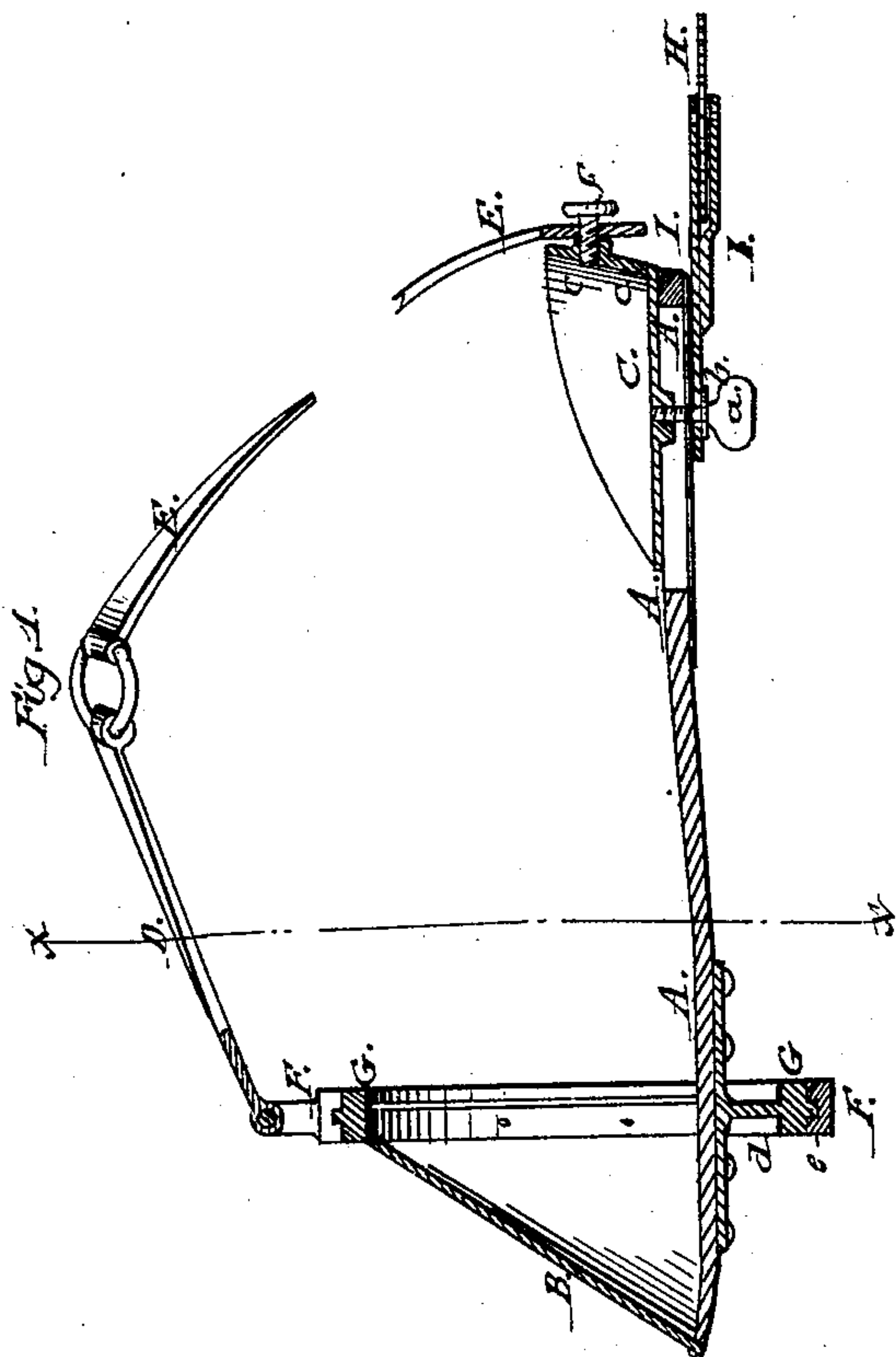
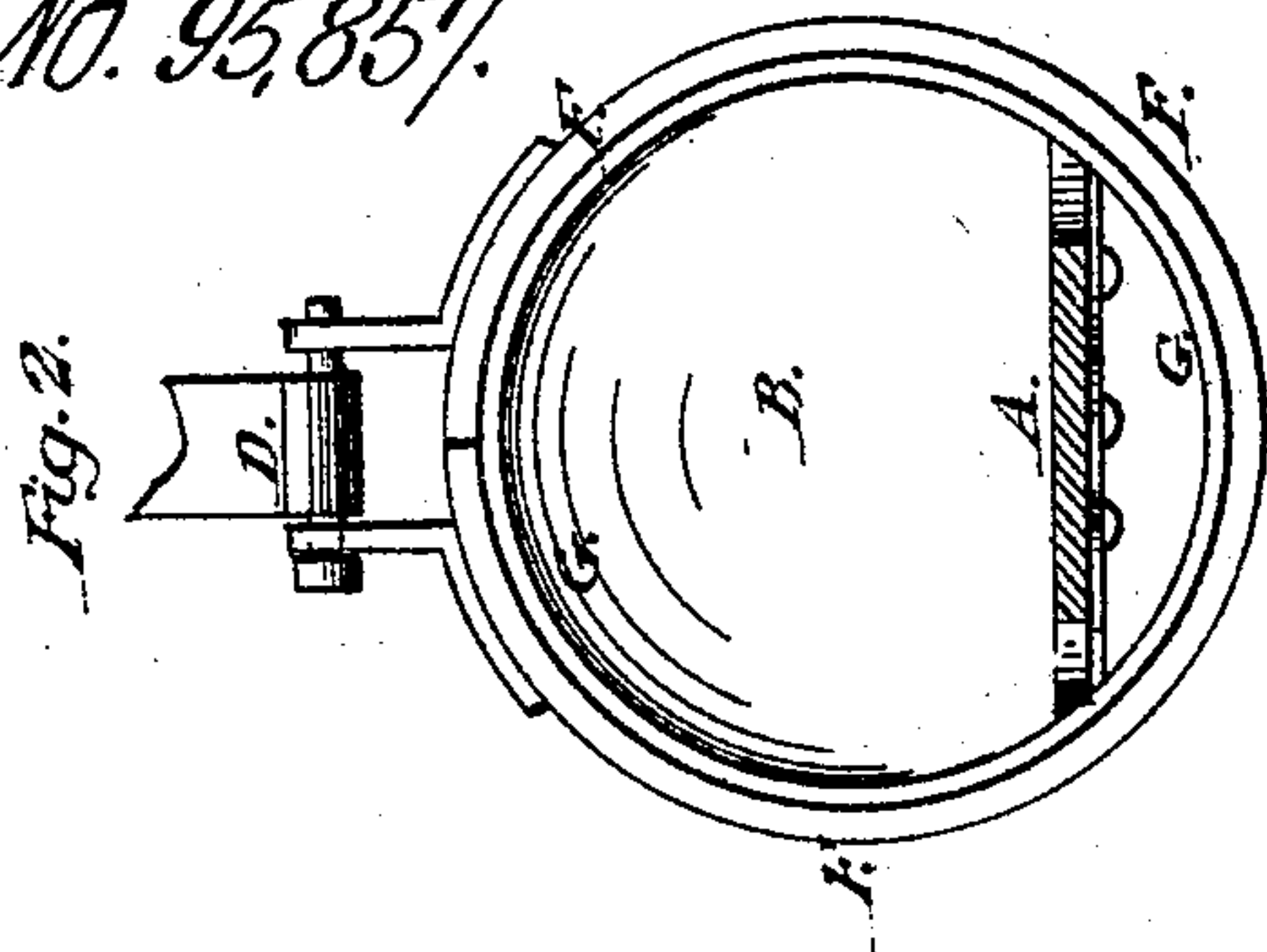


C.R. Van Osdel,

Stirrup.

No. 95,857.

Patented Oct. 12. 1869.



WITNESSES:

John H. Becker
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INVENTOR:

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CHARLES R. VAN OSDEL, OF CHICAGO, ILLINOIS.

Letters Patent No. 95,857, dated October 12, 1869.

IMPROVED STIRRUP.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, CHARLES R. VAN OSDEL, of Chicago, in the county of Cook, and State of Illinois, have invented a new and improved Stirrup; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 represents a longitudinal section of my improved stirrup.

Figure 2 is a transverse section of the same, taken on the plane of the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

This invention has for its object to construct a stirrup which will form a support for the whole foot, which can be adjusted for any length of foot, and which will swing around, to release the foot, in case the rider is thrown.

The invention consists—

First, in making a stirrup in form of a complete sole, with projecting counter and toe-covering, so that it will form a firm support for the foot.

Secondly, in making the same of two parts, so that it can be longitudinally adjusted to fit any length of foot.

Thirdly, in swivelling its front end in a ring, suspended in one strap, and the rear end in another strap, so that it can swing around, to release the foot, if the rider is thrown off.

A, in the drawing, represents the sole of my improved stirrup, made of wood or other suitable material, and provided with a toe-cap, B, made of leather or other material.

C represents the heel-portion of the same, made separately, and fitted upon the sole.

It is fastened by a screw, *a*, which passes through a slot in the sole, and which has a clamping-shoulder, *b*, as in fig. 1. The heel-plate can thus be adjusted in the sole-plate, to lengthen or shorten the foot-support.

A counter, *c*, is formed on the heel-plate. The foot of the rider has, on this stirrup, a firm support, and the muscles are not alone strained, as with the

ordinary stirrup, but the heel-bone is also used to aid in retaining a foothold.

The stirrup is suspended from two straps, D and E, in the following manner:

To the end of the front strap D is secured a ring, F, which fits close around a ring, G, that is securely attached to the stirrup, by means of a plate or ear, *d*, projecting from the same. The ring G is arranged on the front part of the stirrup, and at the back end of the toe-cap B. It is provided with a feather, *e*, fitting into a groove of the ring F, or with flanges, or otherwise, to prevent lateral displacement.

The rear strap E is perforated near its lower end, and its perforation lined with an eyelet, and fitted over a pin, *f*, that projects from the counter, as shown.

The pin *f* should be in line with the centre of the rings F G. The stirrup is thus swivelled in the two straps, and can swing, to release the foot, when the rider is thrown.

The upper ends of the straps may be connected as shown, or otherwise arranged to be suspended from the saddle.

H is a spur, secured in a plate, I, which is, by the screw *a*, or by any other pin, pivoted to the under side of the sole-plate A, as shown. It can be swung out, as in fig. 1, when to be used, and may be folded under the sole-plate when not to be used.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. A stirrup consisting of the sole and heel-plates A and C, and provided with the toe-cap B, and with a counter, *b*, substantially as herein shown and described.

2. Making the stirrup extensible, to adapt it to feet of different length, as set forth, by arranging the heel-plate adjustably on the sole-plate, as specified.

3. The ring G and pin *f*, formed on the stirrup, when arranged on the stirrup, to allow the same to be swivelled in the straps D E, of which one has the ring F to fit on G, substantially as herein shown and described.

Witnesses: CHAS. R. VAN OSDEL.
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