H. Fellows,

Saw.

No. 113,152. Patented Mar. 28. 1871.

Fig. 1.

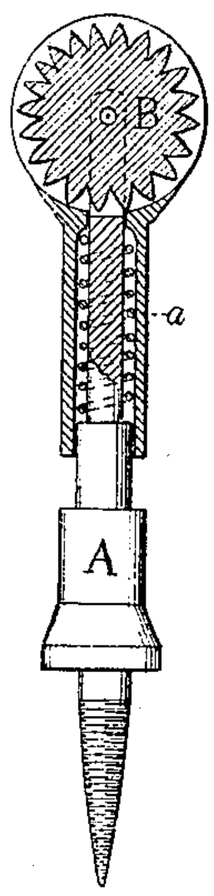


Fig. 2.

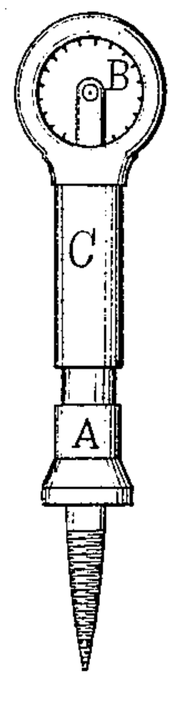
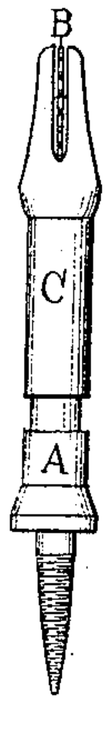


Fig. 3.



Witnesses.

Villette Anderson

D. D. Kane

Inventor.

Henry Fellows

Chipman, Homer & Co

Attorneys

UNITED STATES PATENT OFFICE.

HENRY FELLOWS, OF BLOOMINGTON, INDIANA.

IMPROVEMENT IN SPURS.

Specification forming part of Letters Patent No. **113,152**, dated March 28, 1871.

To all whom it may concern:

Be it known that I, HENRY FELLOWS, of Bloomington, in the county of Monroe and State of Indiana, have invented a new and valuable Improvement in Spurs for Equestrians; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a sectional view of my device. Fig. 2 is a side external view, and Fig. 3 is a top external view, of the same.

My invention relates to spurs for the use of equestrians; and it consists in the novel construction and arrangement of a sleeve or shield the outer end of which is formed in ring-shape to project beyond the spurs of the rowel, and is operated automatically by a spring.

The object accomplished by my device is to guard contiguous substances from unnecessary contact with the rowel.

A of the drawings represents the shank of my spur, and B the rowel thereof, arranged to rotate in the usual manner. The form of the shank illustrated by the drawings is designed for use by screwing into the stirrup or boot-heel; but the shield I have invented is applicable to all classes of spurs in which the rowel is used.

The letter C represents my shield arranged upon the shank and operated thereon by means of the spring *a*. The outer end of this shield is constructed in the form of a ring, somewhat greater in diameter than the rowel, and is slotted, as shown, to provide a recess for the spurs on the rowel when not on duty.

It is obvious that, by pressing the ring of the shield against the horse, the spurs on the rowel are uncovered, and that when such pressure ceases the spring *a* will force the shield outward beyond the periphery of the rowel and guard the spurs from contact with contiguous objects.

I claim as my invention—

The spring-shield C, having a ring-head, as described, in combination with the rowel B, substantially as specified.

HENRY FELLOWS.

Witnesses:

D. D. KANE,

VILLETTE ANDERSON.