(No Model.)

A. FÊTE.

VETERINARY ECRASEUR.

No. 495,668. Patented Apr. 18, 1893.

Fig. 1.

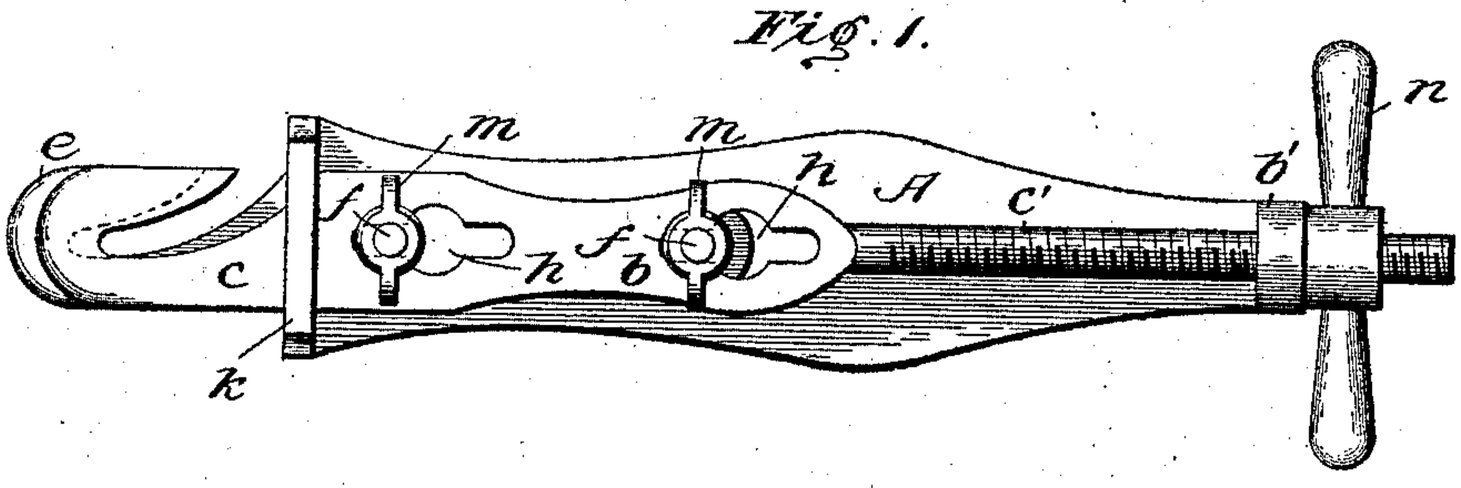

Fig. 2.

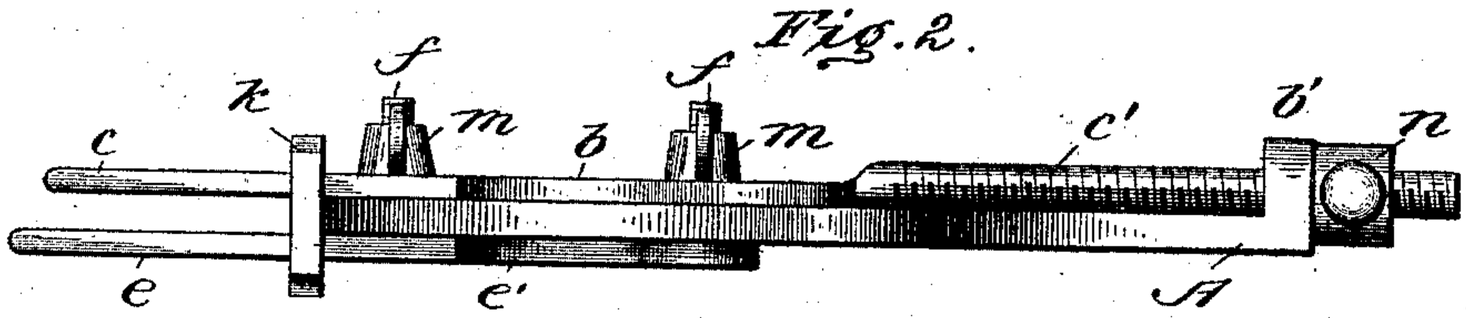

Fig. 3.

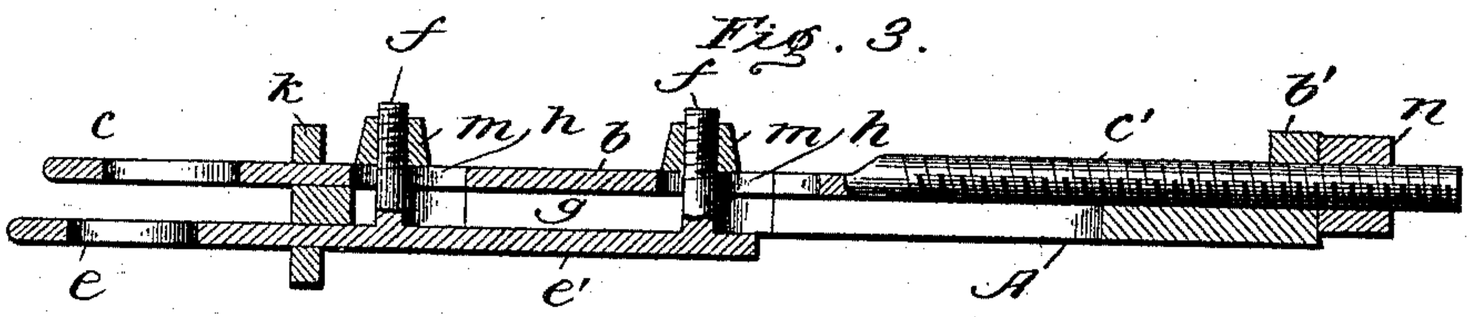

Fig. 4.

Witnesses
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UNITED STATES PATENT OFFICE.

ALFRED FÊTE, OF HORTON, KANSAS.

VETERINARY ECRASEUR.

SPECIFICATION forming part of Letters Patent No. 495,668, dated April 18, 1893.

Application filed October 8, 1892. Serial No. 448,190. (No model.)

To all whom it may concern:

Be it known that I, ALFRED FÊTE, a citizen of the United States of America, residing at Horton, in the county of Brown and State of Kansas, have invented certain new and useful Improvements in Ecraseurs, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to ecraseurs; and has for its object the improvement of the instrument in such a manner that by one operation the cord will be severed and the end pressed and bruised so as to prevent bleeding.

My invention consists in applying to an ecraseur of the usual form a second member for the purpose above stated.

In the accompanying drawings: Figure 1 is an elevation of my improved instrument looking from the side. Fig. 2 is an elevation looking from the edge. Fig. 3 is an axial section; and Fig. 4 is an end view showing the slotted guide which forms the cutting edges with the hooked blades, the latter being removed.

Referring to the drawings, A indicates the main body or stationary member of the instrument; *b* a blade terminating at one end in the hook C and at the other in the screw C′, which passes freely through the head *b′*, and is provided with a handle *d*, the central portion of which is perforated and threaded forming a nut to fit the screw shank C; *e* is a second blade which is also provided with a hooked end *e′* and with two threaded studs *f*, *f′* which pass through a slot *g* in the body A and through slots *h*, *h* in the member *b* where they are provided with thumb nuts *m*, *m*. The hooks or blades *c*, *e*, pass through slots in a guide *k* the edges of which are made to co-operate with the hooks in severing the cord. The slots *h*, *h* are made larger in the center so that when the nuts are loosened and turned lengthwise of the instrument, the parts may be easily separated. When the instrument is assembled, the blades are adjusted so that when the hook C will have advanced far enough to have cut the cord, the hook *e* will have caught it near the severed end and by pressing it tightly will further bruise and crush the parts and stop the bleeding. When the blades *b* and *e′* are thus adjusted the instrument is ready for use and the parts are held to position by means of the nuts *m*, *m*.

The operation of the instrument is as follows: The handle *n* is turned until it is far enough back on the screw C′ to allow the hooked blades *c*, *e*, to protrude entirely through the guide *k*, when the testicle cord is placed within the hooks and the blades are drawn back by means of the handle *n* until the cord is brought tightly against the guide *k*, when the handle is rapidly turned until it strikes the head *b′*, when it is turned gently until the cord is severed and the blade *e* has crushed the end, when it is relaxed, as the operation has been performed.

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

1. In a surgical instrument of the class described, two operating members having hooked ends and an intermediate body provided with a longitudinal slot, the operating members being connected through the slotted body; one member being provided with threaded projections and binding screws, and the other with elongated openings to co-operate therewith, and an operating handle, substantially as described.

2. In a surgical instrument of the class described, two operating members adapted to first sever a ligament and then crush the end to prevent bleeding; said members being connected and capable of longitudinal adjustment in relation to each other, a body intermediate of said operating members, adapted to support and guide the same and to co-operate in severing and crushing the ligament; one member being provided with a threaded shank and an actuating handle substantially as described.

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

ALFRED FÊTE.

Witnesses:
CLYDE W. MAINGAL,
E. BOURQUIN.