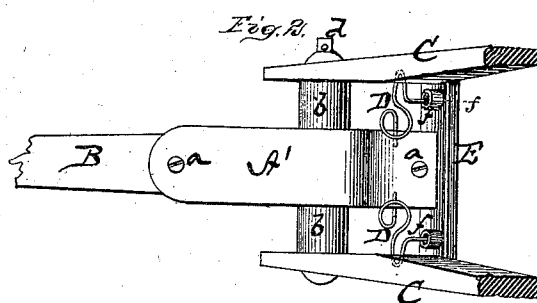
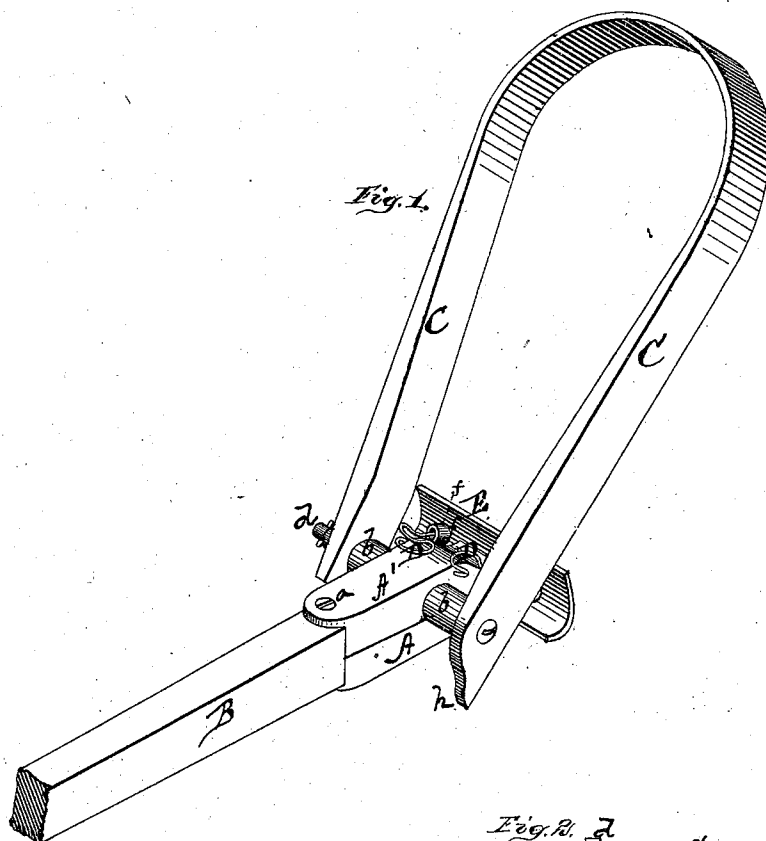


J. N. WALLIS.

Animal Pokes.

No. 133,815.

Patented Dec. 10, 1872.



Witnesses.
John A. Ellis.
Wm. L. Ellis

Inventor.
John N. Wallis.
J. H. Alexander & Co.
Attys.

UNITED STATES PATENT OFFICE.

JOHN N. WALLIS, OF FLEMING, NEW YORK, ASSIGNOR TO HIMSELF AND
HENRY G. WISE, OF SAME PLACE.

IMPROVEMENT IN ANIMAL-POKES.

Specification forming part of Letters Patent No. 133,815, dated December 10, 1872.

To all whom it may concern:

Be it known that I, JOHN N. WALLIS, of Fleming, in the county of Cayuga and State of New York, have invented certain new and useful Improvements in Animal-Pokes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in the construction and arrangement of an Animal-Poke, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of my invention, and Fig. 2 is a plan view of a part thereof.

My animal-poke is composed of a malleable-iron head, A A', a stale, B, bow C, and spiral springs D D. The iron head is made of two pieces, A and A', which are kept together by screws *a a*, and one of which is formed with a concavo-convex bar, E, extending on both sides at right angles with it. The parts A A' when put together form a socket for the insertion of the stale B, and are also on each side provided with projections *b b* which form thimbles when put together. These thimbles strengthen and support the connecting-pin *d* which passes through them and the stale, and also strengthen the stale at this point. They keep the ends of the bow C in their

proper places, said ends being placed on the pin *d*. The springs D D are formed of one piece of wire, the center of which is held between the two parts A and A', and the ends bent, as shown fully in Fig. 2, and the extreme ends straight and inserted in thimbles or sockets *f f* formed on the inner or concave side of the bar E so that said ends may project through and prick the horse if he goes to jump over a fence. One or both of the ends of the bow C may be extended or provided with an extension, *h*, so that when the bow comes in contact with the head of the stale such extension will prevent the horse from throwing the lower end over the fence and thus obviating all danger of his jumping over the same.

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

1. The head formed of two pieces, A A', of malleable-iron, constructed as described, with bar E, projections *b b*, and forming a socket for the stale B, all substantially as and for the purposes herein set forth.

2. The combination of the head A A', bar E with sockets *f f*; thimbles *b b*, stale B, pin *d*, bow C, and springs D D, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN N. WALLIS.

Witnesses:

HORACE T. COOK,
JAMES A. SUYDAM.