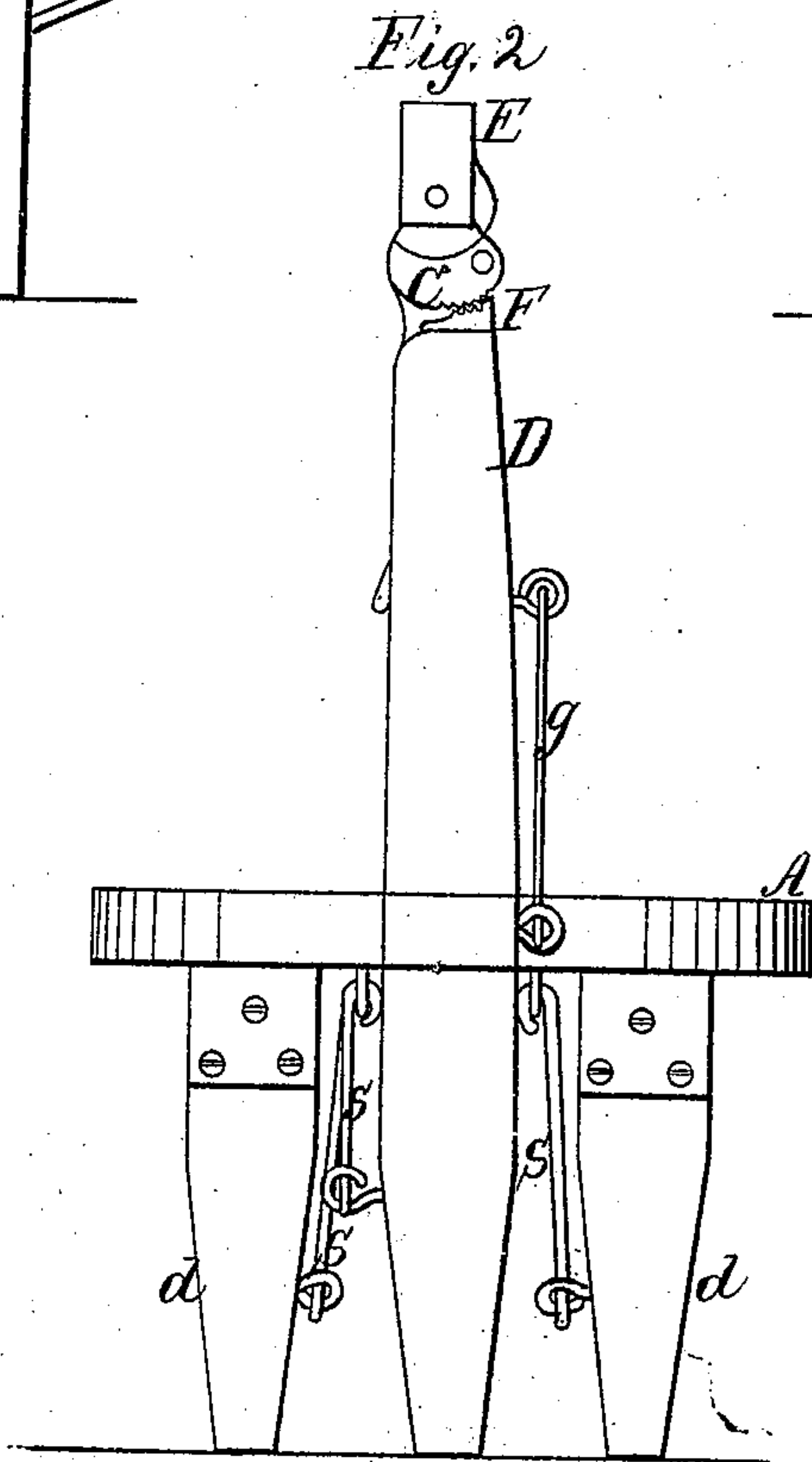
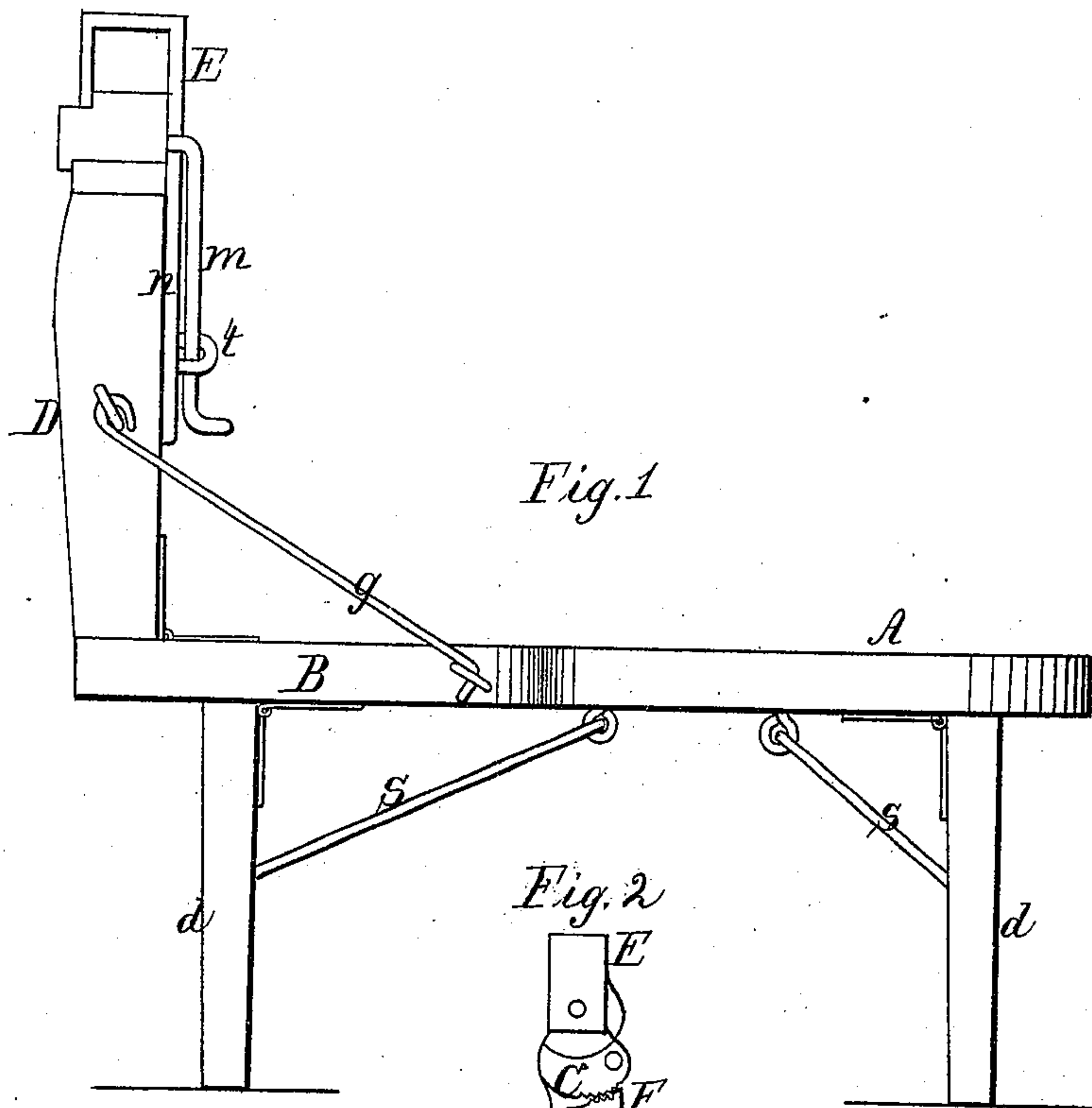


Penny & Spicer Switch Holder

No 93,341.

Patented Aug. 3, 1869.



Witnesses
J. A. Ellis
R. B. Alexander

Inventor
A. C. Penny and M. Spicer
Per J. H. Alexander Atty.

United States Patent Office.

A. C. PENNY AND MINOR SPICER, OF UNADILLA FORKS, NEW YORK.

Letters Patent No. 93,341, dated August 3, 1869.

IMPROVEMENT IN SWITCH-HOLDERS.

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

To all whom it may concern:

Be it known that we, A. C. PENNY and MINOR SPICER, of Unadilla Forks, in the county of Otsego, and State of New York, have invented certain new and useful Improvements in Switch-Holders; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 represents a side view of our switch-holder. Figure 2 is an end elevation of the same.

The nature of our invention consists in the construction of a machine for holding a cow's tail during the process of milking; and to this end, we make a stool with a vertical post at one end, the said post being furnished with a corrugated cam, acting on a corrugated base in the manner set forth.

A represents a stool, which may be made circular, with a neck, B, extending from it.

The stool A is supported by two hinged legs, *d d*, which fold inward.

A third leg, *d*, is made to support the neck B, and intended also to fold inward.

In order to keep the legs in a vertical position, when the stool is in use, the metal rods *s s s* are provided, one end of each of said rods being hooked in an eye at the bottom of stool A, and the other end hooked in an eye in its appropriate leg. (See fig. 2.)

D represents a vertical post, hinged at bottom to the end of neck B, and designed to fold back on stool A when the stool is to be transported.

In order to keep the post D rigid while the milking-process is going on, the rod *g* is provided, one end of

which plays in an eye on the side of post D, and the other end hooks in an eye on the side of neck B.

On the top of post D is secured the block E, which has a shank, *n*, extending downward, and bolted to the inner surface of post D.

C designates a cam, pivoted in block E, the said cam being corrugated at its under side.

Fastened to the top of post D is the corrugated cap-piece F, which is concave on its upper surface, so as to receive the convex surface of cam C.

The cam C is operated by the rod *m*, which rests, at its upper end, on a shoulder in shank *n*, and is allowed to play in staple on said shank.

In the act of using our switch-holder, the operator will sit on the stool A, with the head of the cow to his right, and the tail to the left. He will now draw the switch of the animal's tail under the cam C, where it will be held firmly between the cam and the cap-piece. When the tail is to be released, it is done by raising the cam with rod *m*.

Having thus described our invention,

What we claim, and desire to secure by Letters Patent, is—

In combination with the stool A, with hinged legs *d d d*, the switch-holder, consisting of the post D, toothed cam C, block E, and rod *m*, all arranged to operate as herein shown and described.

In testimony that we claim the foregoing as our own, we affix our signatures, in presence of two witnesses.

A. C. PENNY.
MINOR SPICER.

Witnesses:

E. F. HOTCHKISS,
WM. H. WILCOX.