

F. Flanders,

Whip Goad

N^o 82,302.

Patented Sep. 22, 1868.

Fig. 3.



Fig. 2.



Fig. 1.



Fig. 5.



Fig. 4.



Witnesses
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FREDERICK FLANDERS, OF FRANKLIN, NEW HAMPSHIRE.

Letters Patent No. 82,302, dated September 22, 1868.

IMPROVED WHIP-GOAD.

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, FREDERICK FLANDERS, of Franklin, in the county of Merrimack, and State of New Hampshire, have invented a new and improved Whip-Goad; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention consists of a metallic tip, which is placed upon the end of a whip or stick, and is provided with a sharp spur or point for the purpose of being used as a goad, as will be fully described hereinafter.

Figure 1 represents a view of my invention as applied to a stick, and

Figures 2, 3, 4, 5, detached views of different parts.

In the drawings—

A represents a whip or stick, to the end of which is attached the metallic tip B by means of a rivet, or other suitable fastening.

The upper end of the tip B is provided upon the inside with screw-threads, as shown in fig. 2, into which fits closely the hollow screw C, which latter is provided with a head fitting the larger opening of the wrench A', by means of which latter it is readily inserted or removed, when desired.

The screw, C, is also provided with a small hole through its upper end, through which projects the point of the spur c, which latter is provided with a head sufficiently large to prevent it from passing entirely through.

The inside of the hollow screw C is also provided with threads, into which fit the corresponding threads of the small screw D, which is provided with a head fitting the smaller opening of the wrench A'.

From this description, the operation of my invention will be readily understood.

The tip having been once attached to a whip or stick, the spur may be allowed to remain permanently upon it or not, as may be desired. If it is desired to remove it, the proper opening of the wrench A' is placed upon the head of the screw C, by turning which former it may be easily removed. The screw, D, is then removed in a similar manner, when, by holding the screw C in a proper position, the spur will drop out.

The wrench and spur may be carried in the pocket, and used as occasion may require.

It almost invariably happens that animals that cannot be easily quickened with the whip are usually sensitive and quick to respond to the spur. In most cases my invention will be found to be an effectual cure for confirmed habits of laziness.

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

The whip-stock A, metallic tip B, hollow screw C, spur c, and screw D, when combined and arranged as and for the purpose described.

This specification signed and witnessed, this 23d day of March, 1868.

FREDERICK FLANDERS.

Witnesses:

DANIEL BARNARD,
ROBT. W. BENNETT.