

C. H. SLATON.
TOBACCO-HOISTING APPARATUS.

No. 191,619.

Patented June 5, 1877.

Fig. 1.

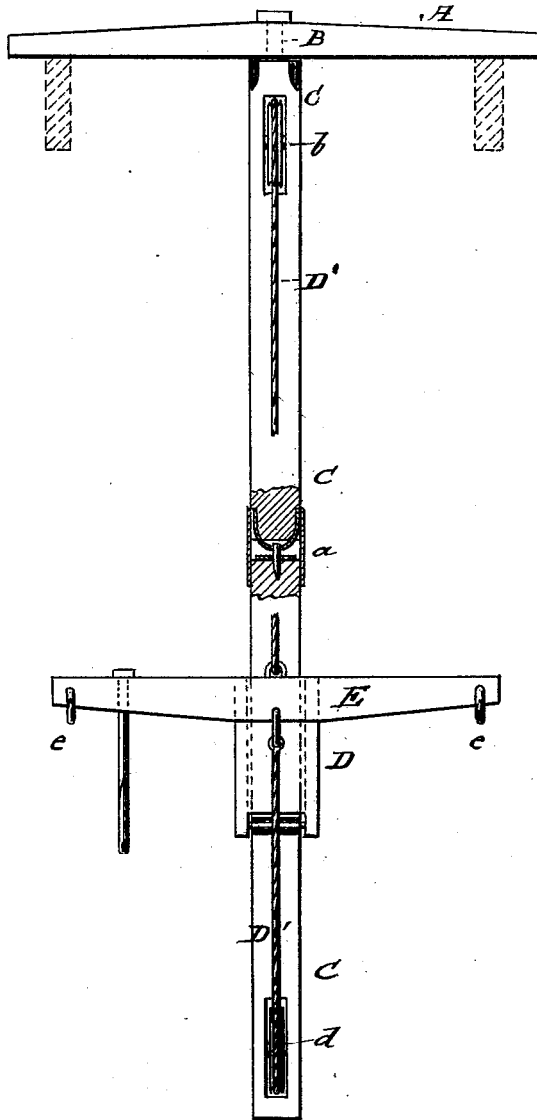
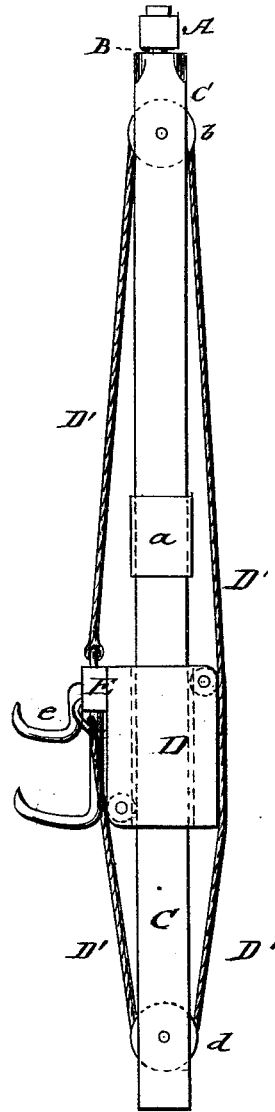


Fig. 2.



WITNESSES:

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CLIFTON H. SLATON, OF SLAUGHTERVILLE, KENTUCKY.

IMPROVEMENT IN TOBACCO-HOISTING APPARATUS.

Specification forming part of Letters Patent No. **191,619**, dated June 5, 1877; application filed May 5, 1877.

To all whom it may concern:

Be it known that I, CLIFTON H. SLATON, of Slaughterville, in the county of Webster and State of Kentucky, have invented a new and Improved Apparatus for Hoisting Tobacco, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a front view, and Fig. 2 a side view, of my improved apparatus for hoisting tobacco.

Similar letters of reference indicate corresponding parts.

The object of this device is to hoist tobacco up in a barn, and also to take it down, with great facility, the apparatus being worked by one man that stands on the floor and hoists, while another brings the tobacco from the wagon and places it on the hoister, they saving thus the work of other hands, and attending to the hoisting or lowering without climbing up and down in the barn.

The invention consists of a top cross-bar supported upon the top beams of the barn, and having a jointed upright suspended therefrom, with a cross-piece having hooks for supporting the stick of tobacco. The cross-piece is attached to a sliding box or carriage and hoisted by a rope applied thereto and passing over a top and bottom pulley of the upright.

In the drawing, A represents the top cross-bar that is placed on the top beams of the barn, the upright C being suspended therefrom by a swivel, B, so as to readily turn thereon. The upright C is made of several sections, which are jointed by suitable staples or links so as to reach down as near to the floor as desired. The joints are covered by a thimble or sleeve, *a*, to connect the sections in such a manner that they form one rigid upright. The thimbles may be slid off the joints for taking the apparatus readily from one room to another.

A box or carriage, D, with friction-rollers, moves readily up and down on the upright by

means of a hoisting-rope, D', that is attached by its ends to one side of the carriage, passed over a pulley, *b*, at the upper end of the upright and down over the carriage to the lower end of the upright, and over a pulley, *d*, at the lower end of the same, and up again to the carriage, so as to hoist and lower the same by operating the rope.

The carriage is provided with a cross-piece, E, having supporting-hooks *e* for the stick of tobacco which is placed thereon, when the carriage is at the lower end, being then raised with the carriage D to any height, and placed, with the aid of the upright, into any desired position.

The apparatus is made light enough to be easily handled and readily moved from place to place in the barn as the same is getting filled with tobacco, strung upon the sticks, the same being taken down in the same, but reversed, manner, thus enabling one man to work the apparatus and attend to the hoisting or lowering of the tobacco in convenient and economical manner.

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

1. An improved apparatus for hoisting tobacco, consisting of a top cross-bar, swiveled and jointed upright, and traveling box and carriage with cross-pieces and stick-supporting hooks, substantially in the manner described, and for the purpose specified.

2. The combination, with the suspended and jointed upright, having upper and lower pulley, of a hoisting-rope and traveling carriage with supporting cross-strips, substantially in the manner described, and for the purpose specified.

CLIFTON H. SLATON.

Witnesses:

R. D. REYNOLDS,
J. W. PATTERSON.