

L. W. BREWSTER.
Tobacco Hoisting Apparatus.

No. 210,447.

Patented Dec. 3, 1878.

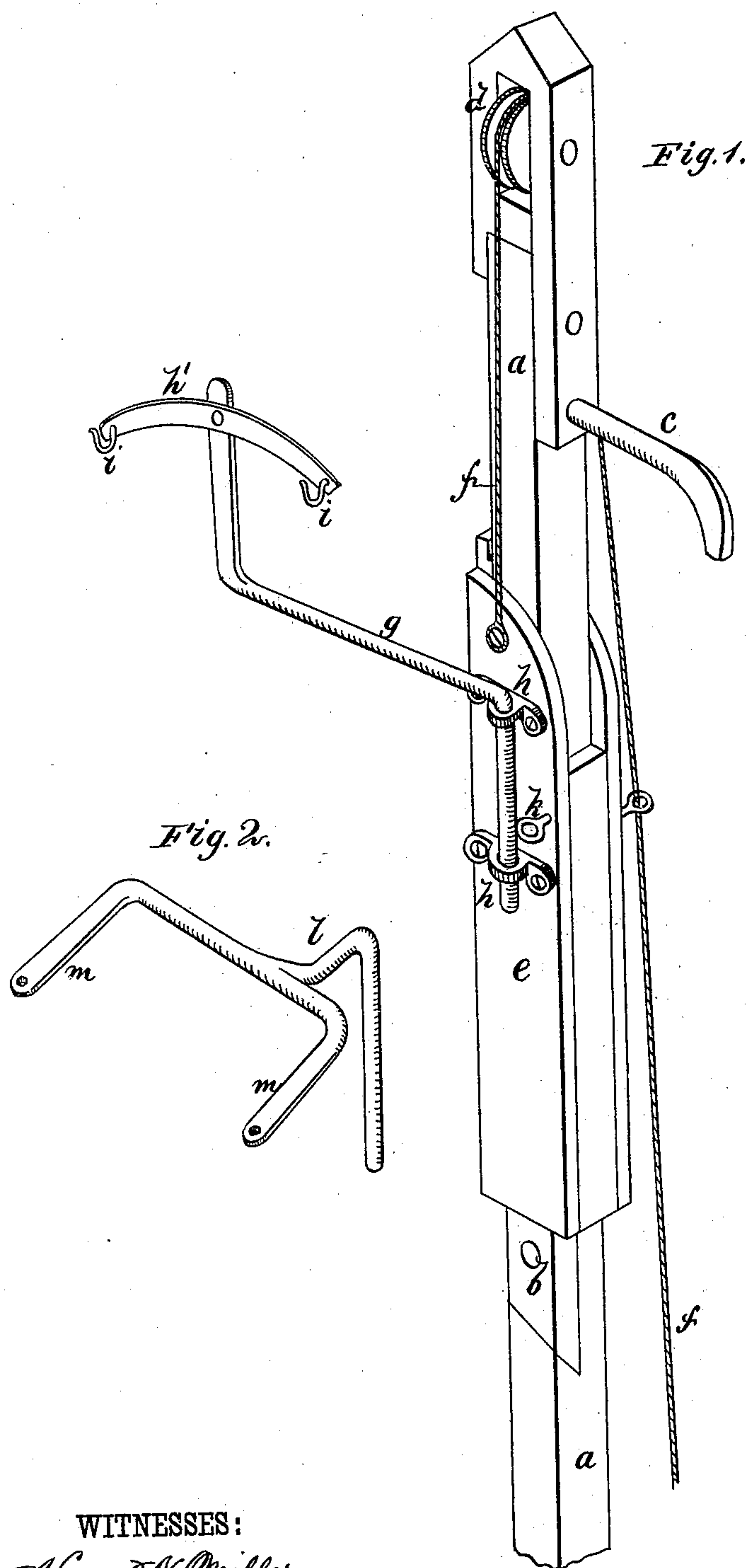


Fig. 1.

Fig. 2.

WITNESSES:
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UNITED STATES PATENT OFFICE.

LEWIS W. BREWSTER, OF CANTON, KENTUCKY.

IMPROVEMENT IN TOBACCO-HOISTING APPARATUS.

Specification forming part of Letters Patent No. **210,447**, dated December 3, 1878; application filed October 3, 1878.

To all whom it may concern:

Be it known that I, LEWIS WILLIAM BREWSTER, of Canton, in the county of Trigg and State of Kentucky, have invented a new and Improved Tobacco-Hoist, of which the following is a specification:

The object of my invention is to furnish means for hoisting tobacco, after it is placed upon sticks for drying, up into the drying-house, thereby saving much of the usual labor of handling the sticks.

The invention will first be described in connection with the drawings, and then pointed out in the claim.

In the accompanying drawings, Figure 1 is an elevation of my tobacco-hoist, the lower end of the standard being broken off; and Fig. 2 is a detached view of a different form of holding-arm.

Similar letters of reference indicate corresponding parts.

a is a square rod, forming a standard, which for convenience is constructed in sections, united by a dovetail joint and pin, as at *b*. The rod *a* will be held to the upper tier-pole of the house by a hook, *c*, that is upon rod *a*, so as to stand vertically, with its lower end resting on the floor or ground. *d* is a sheave-pulley attached to the upper end of rod *a*. *e* is a box upon the rod *a*, and fitted to slide freely thereon. It is raised and lowered by means of a rope, *f*, that is connected to box *e*, and passes over the pulley *d*, and from thence to any convenient place.

I prefer to construct the rod *a* and slide *e* of wood.

The slide *e* carries an arm, *g*, which is held to the slide by the eyes *h h*, and turns freely

in said eyes. The arm *g* projects outward from the slide *e*, and has a bent end, to which is attached, by a loose joint, a curved plate, *h'*, and *i i* are hooks at the ends of plate *h'*. The curved form of the plate *h'* permits the ready attachment and removal of a stick of tobacco without disarrangement of the bunches, and the arm *g* may be swung on its pivots to bring the plate *h'* into a convenient position.

A rope may be connected to the outer end of the arm *g*, and passed through the screw-eye *k* on slide *e*, by which rope the arm *g* can be swung in, to bring the stick over the poles of the barn.

The arm *l* (shown in Fig. 2) is adapted to take the place of arm *g* and be operated in the same manner. It is shorter than *g*, and is formed with two projecting ends, *m m*, for the attachment of the stick of tobacco.

The arms *g* and *l* and plate *h'* will usually be made of iron; but I do not limit myself in that particular.

By the use of the described apparatus, the sticks of tobacco can be rapidly raised and placed upon the poles of the drying-house, and a greater part of the labor now required for such work will not be necessary.

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

The pivoted arm *g* and plate *h'*, in combination with the slide *e* of the tobacco-hoist, for the purposes set forth, and substantially as described.

LEWIS WILLIAM BREWSTER.

Witnesses:

W. J. FUQUA,

JAMES H. MOLUGIN.