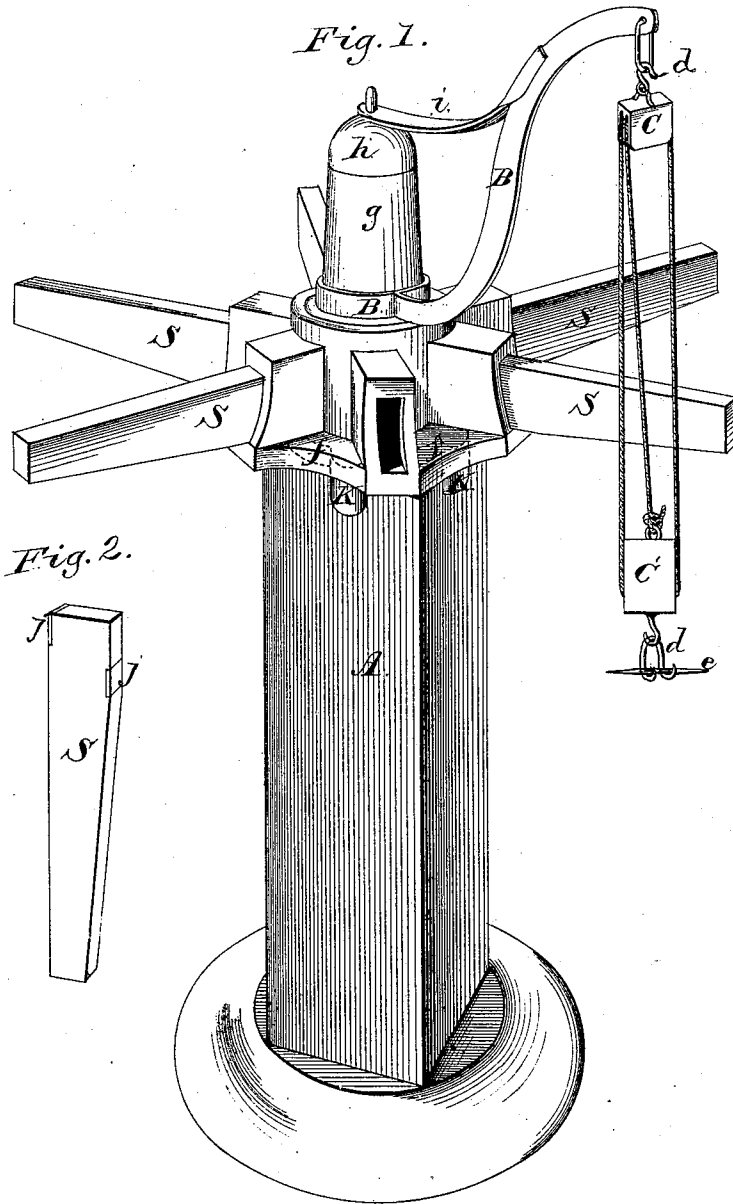


W. G. HYDER.
STOCK-GALLOWS.

No. 178,931.

Patented June 20, 1876.



Witnesses
George F. Green
J. H. Dean

Inventor
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UNITED STATES PATENT OFFICE.

WILLIAM G. HYDER, OF PLAINWELL, MICHIGAN.

IMPROVEMENT IN STOCK-GALLOWS.

Specification forming part of Letters Patent No. **178,931**, dated June 20, 1876; application filed February 24, 1876.

To all whom it may concern:

Be it known that I, WILLIAM G. HYDER, of Plainwell, county of Allegan, and State of Michigan, have invented a new and useful Improvement in Stock-Gallows, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of my invention is to handle stock more easily and neatly than by any other stock-gallows now known or used.

I use a six-spoked wheel or derrick supported on the column A; also the upper derrick B, with its rope and pulley-blocks C C' attached to the gambrel-hook d, which is used by being hitched to a gambrel-stick, e, as shown in Fig. 1 of the accompanying drawings. After the stock is dressed it is raised by means of the tackle high enough to be swung on one of the arms S of the six-spoked wheel or derrick, so that the gambrel-stick e will rest on the arm or spoke S between the gambrel-hooks d, so that the hooks d may be loosened and taken out when the rope is loosened, so as to lower it for another. The lower derrick is turned or the upper one, B, on their centers, at the option of the workman, in either direction, so that when the next one is raised it may be swung so as to meet the next empty arm-spoke

S, and so on until all are full, when two or more can be placed on each arm or spoke S. Resting upon the column A is a flanged hub, f, which serves as a protection to the wood, and forms a bearing to bottom of upper derrick B, and a bearing for the six-spoked wheel or derrick, so that when it is loaded it will turn very easy, and is kept to its place by lugs k, which hang over the square sides of column A. The lower part of the upper derrick B rests on the top of the flanged hub f, and also has a bearing to protect the bottom of the wooden spire g. Upon the top of the spire g is a cap, h, which serves as a protection to the wood, and a bearing for the brace i to the upper derrick B.

Fig. 2 represents the plates j j' on the spoke S to prevent it from mashing the wood, one of which is placed on the upper side and at the end j, the other on the lower side, as seen at j'.

I claim as my invention—

The combination of upper and lower derricks B S, with tackle-blocks C C', rope, and gambrel-hooks, as and for the purpose set forth and described.

WILLIAM G. HYDER.

Witnesses:

GEORGE F. GREEN,
J. H. DEAN.