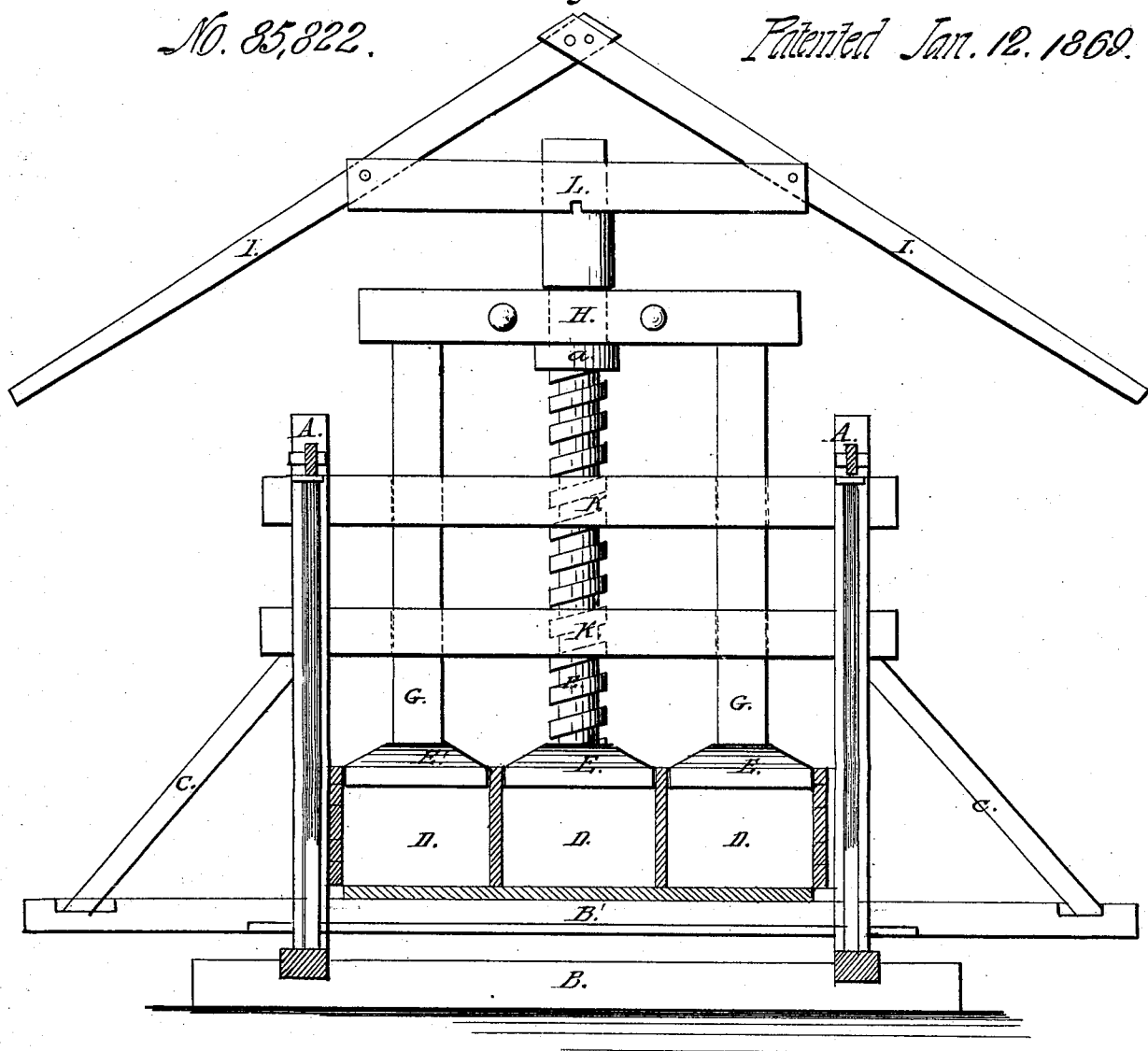


D. H. Hill,

Baling Press.

No. 85,822.

Patented Jan. 12. 1869.



Witnesses:
Theo. Gucho.
J. A. Fraser

Inventor:
D. H. Hill
Esq. Munroe & Co.
attorneys.



D. H. HILL, OF UNION SPRINGS, ALABAMA.

Letters Patent No. 85,822, dated January 12, 1869.

IMPROVED BALING-PRESS.

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, D. H. HILL, of Union Springs, in the county of Bullock, and State of Alabama, have invented a new and useful Improvement in Cotton-Baling Press; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The drawing represents a side elevation of my improved cotton-baling press.

This invention relates to an improvement in the construction of a cotton-baling press, and consists in an arrangement of framing and screw-connections in connection with one screw, by which three bales of cotton can be pressed at the same time, as hereinafter described.

A suitable upright frame, formed of the double standards A A, set into bed-sills B B', and supported by braces C C, is erected, in which frame, on the bed-sills, are placed three packing-chests or trunks, D D D, constructed with doors in the usual way.

The centre follower-block E is connected with the lower end of the screw F, and the two follower-blocks E' E', on the sides, are attached to runners G G, which are secured at their upper ends to a clamp or head-

block, H, and pass freely through vertical slots or mortises in the two screw-taps K K.

The head *a* of the screw F is fitted to turn in the head-block H, and thus raise or lower all the followers simultaneously when operated by lever-sweeps I I, secured to the upper end of the screw by a cross-head or driver L.

It will be seen that with this arrangement of the screw, one bale of cotton, or two or three bales, can be pressed at the same time, as desired, by the application of mule or horse-power to the lever-sweeps I I.

I am aware that a series of followers in a baling-press has been operated by a single screw, but this forms no part of my invention, and I do not, therefore, claim it.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The arrangement of the head-block H, runners G G, followers E' E', and runners K, with reference to the screw F and its follower E, whereby the followers E' are held during their operation in the same plane with the follower upon the lower end of the screw, as herein described for the purpose specified.

Witnesses:

WILL M. STAKELY,
JAMES O. STAKELY.

D. H. HILL.