

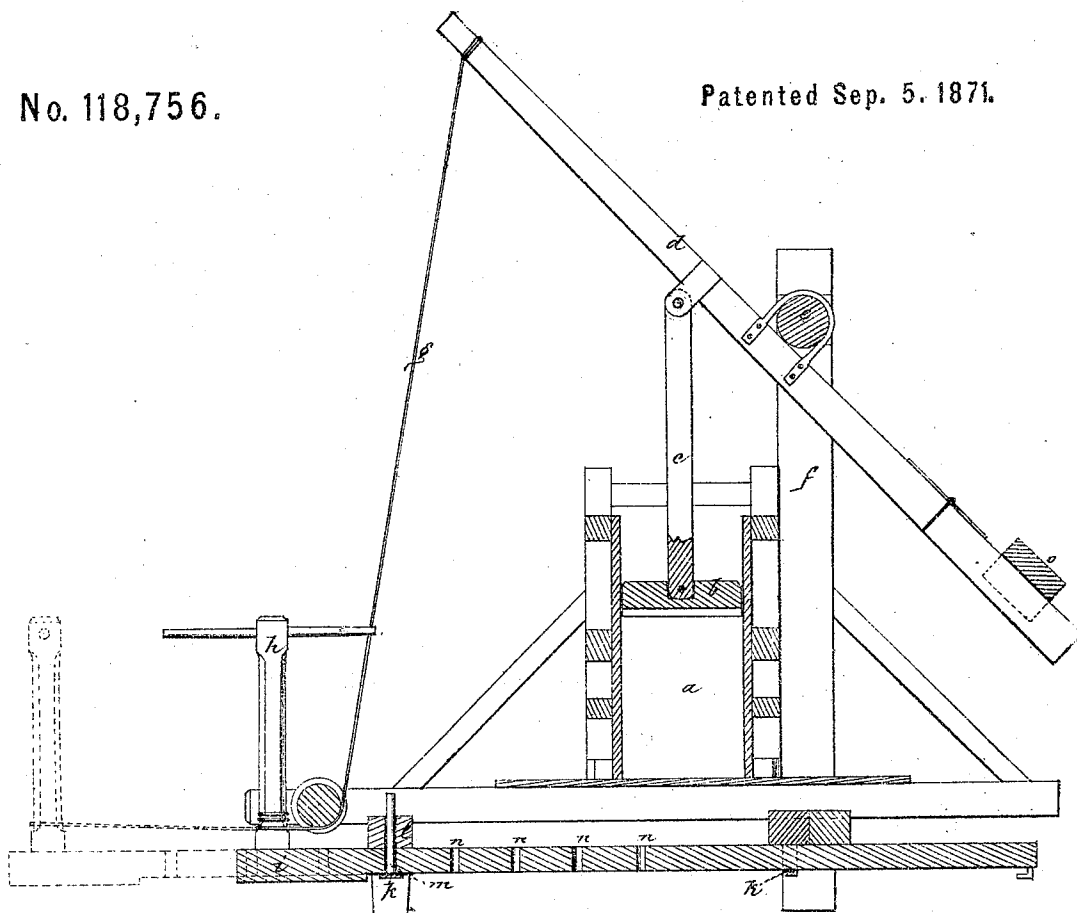
[88.]

Jas. Templetort.

Cotton-Press.

No. 118,756.

Patented Sep. 5. 1871.



Witnesses:

H. J. Smith
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Inventor:

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PER

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UNITED STATES PATENT OFFICE.

JAMES TEMPLETON, OF FLORENCE, GEORGIA.

IMPROVEMENT IN COTTON-PRESSES.

Specification forming part of Letters Patent No. 118,756, dated September 5, 1871.

To all whom it may concern:

Be it known that I, JAMES TEMPLETON, of Florence, in the county of Stewart and State of Georgia, have invented a new and Improved Cotton-Press; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which the figure is a sectional elevation.

This invention has for its object to enable the follower of a cotton-press to be moved at the beginning of the pressing operation, when the material is loose, faster than it can be moved in that portion of the operation when the material becomes more solid; and it consists in a windlass mounted in a sliding bar that is placed in a guideway located in the foundation of the press, by which means said windlass, which is connected by a rope with the follower-lever, may be drawn away from the press-box to a certain extent, and by this movement partially lower the follower before the windlass is actually rotated.

Referring to the drawing, *a* is the press-box; *b*, the follower; *c*, the follower-rod or driver; *d*, the follower-lever hung on a cap-tie, *e*, that is secured crosswise to the standards *f*. *g* is the cord that connects the lever *d* with the vertical windlass *h*. *i* is the sliding bar in which the wind-

lass is stepped, said bar being supported in staples *k* that are driven into the sills *l* of the press-frame.

By drawing out the bar *i*, through the application of horse-power, at the beginning of the pressing operation, the windlass is carried away from the press-box and the follower is lowered as rapidly as this movement is effected. When the bar has been drawn out as far as practicable it should be fastened by means of a pin, *m*, passed up through any one of the holes *n* in the sliding bar, and also through a hole made in the sill *l* for the purpose. The pressing operation can then be completed by the rotation of the windlass.

A counter-weight, *o*, is fastened to the outer end of the lever *d* for the purpose of drawing the bar *i* backward when the follower is to be raised.

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

The windlass *h* and bar *i*, arranged in connection with the cotton-press, to operate as shown and described.

JAMES TEMPLETON.

Witnesses:

S. LEE TERRILL,
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