

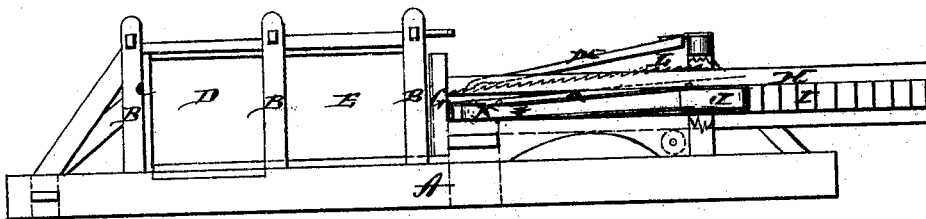
*N. Cheek,*

*Cotton Press.*

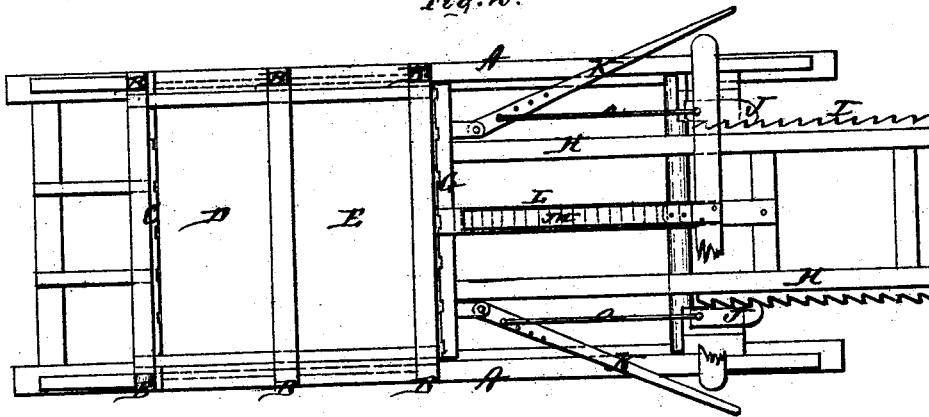
*No. 110549.*

*Patented Dec. 27, 1870.*

*Fig. 1.*



*Fig. 2.*



Witnesses:

*Chas. Crooks*

*J. V. White*

Inventor:

*Nash Cheek*

*Per*

*J. V. Alexander*  
*Atty.*

# United States Patent Office.

NASH CHEEK, OF CHAPEL HILL, NORTH CAROLINA.

Letters Patent No. 110,549, dated December 27, 1870.

## IMPROVEMENT IN COTTON-PRESSES.

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, NASH CHEEK, of Chapel Hill in the county of Orange and State of North Carolina, have invented certain new and useful Improvements in Cotton-Presses; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a "cotton-press," as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view, and

Figure 2, a plan view of my press.

A represents the bed of my press, upon which are standards, B B, suitably connected and braced.

At the rear end of the bed A and secured against the last set of standards is the back-board C provided with vertical grooves, and in front of the same is the bale-box D, which is so placed between the standards that it can be slid out and in at pleasure.

The box E, in front of the bale-box D, is where the cotton is put in to be pressed.

The follower or presser-block G has vertical grooves on its inner side corresponding with the grooves in the back-board C, and it is attached to a horizontal frame, H, moving in guides upon the bed A.

Upon each side of the frame H is secured a ratchet-bar, I, in which a toothed pawl, J, is made to catch by means of a lever, K, pivoted on the bed and connected by means of a rod, a, with said toothed pawl.

The inner end of each lever K is provided with a series of holes, as shown in fig. 2, in one of which holes the rod a is attached.

By changing the rods a a in these holes more or less purchase may be obtained, according to the force needed to press the cotton.

On top of the frame H is another ratchet-bar, L, into which a hinged pawl, M, falls, to hold the presser-block and prevent it from giving back when the levers and toothed pawls are being changed.

Having thus fully described my invention,

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

1. In combination, with the horizontal frame H and the mechanism herein described for operating the same, the ratchet-bar L and hinged pawl M, arranged substantially as and for the purposes herein set forth.

2. The combination of the bed A, standards B, back-board C, bale-box D, follower G, frame H, ratchet-bars I L, toothed pawls J J, rods a a, levers K K, and hinged pawl M, constructed and arranged to operate substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

NASH CHEEK.

Witnesses:

T. F. CHEEK,  
J. F. FREELAND.