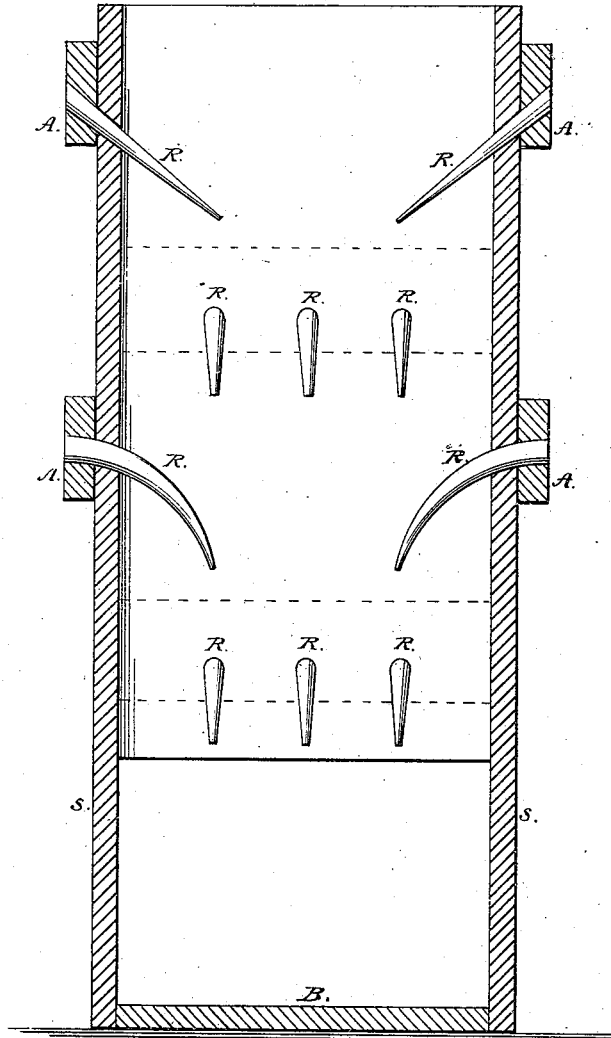


G. C. McKEE.
COTTON-PRESS

No. 189,121.

Patented April 3, 1877.



Witnesses:
J. J. J. J.
G. C. Chandler

Inventor:
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UNITED STATES PATENT OFFICE.

GEORGE C. MCKEE, OF JACKSON, MISSISSIPPI.

IMPROVEMENT IN COTTON-PRESSES.

Specification forming part of Letters Patent No. **189,121**, dated April 3, 1877; application filed March 20, 1877.

To all whom it may concern :

Be it known that I, GEORGE C. MCKEE, of Jackson, in the county of Hinds, and State of Mississippi, have invented a new and useful Improvement in Cotton and other Presses, which improvement is fully set forth in the the following specification and accompanying drawing, and which drawing is a front view of the two inner sides of a press-box, such as is used in pressing cotton and similar compressible matter.

The object of my invention is to furnish a device by which the loose lint-cotton may be retained in the place where it is forced by the tramper, (or by other pressure,) and not be allowed to spring back as soon as the pressure is taken off. I thus obviate the necessity for the long-continued tramping (or other pressure) before enough of the lint-cotton can be put in the press-box to make a bale of good weight.

In the drawing, B is the base or bed plate of the press. S represents the sides of the press-box. R represents the rods, provided with pins, which, passing through holes in the walls of the press-box, penetrate about twelve inches, more or less, into the lint-cotton, (or other material,) sloping downward in the direction of the pressure of the tramper, and against the spring or elastic force of the

partially-compressed cotton, thus holding it down as far as it may have been pressed. These pins R are of wood or other material, and are either straight or curved. A represents the bar to which these pins may be attached like the teeth of a horse-rake, and by means of which the pins may be removed, automatically or otherwise, when the final pressure, which is to press the bale, is to be exerted. By my invention I utilize and save all the pressure employed in putting or tramping the loose cotton down in the box, saving three-fourths of the labor now used, and saving fifteen or twenty minutes on each bale, as now pressed. It can be applied to all presses—steam, horse, or hand power.

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

1. The pins R, passing through the walls of the press-box, substantially as shown and described.

2. The bar A, in combination with the pins R, as and for the purposes herein set forth, substantially as shown and described.

GEORGE C. MCKEE.

Attest:

J. H. DUNCAN,
HENRY N. HOUSTON.