H. A. Burr,

Cotton Press.

No. 80,132. Patented July 21, 1868.

Fig: 1.

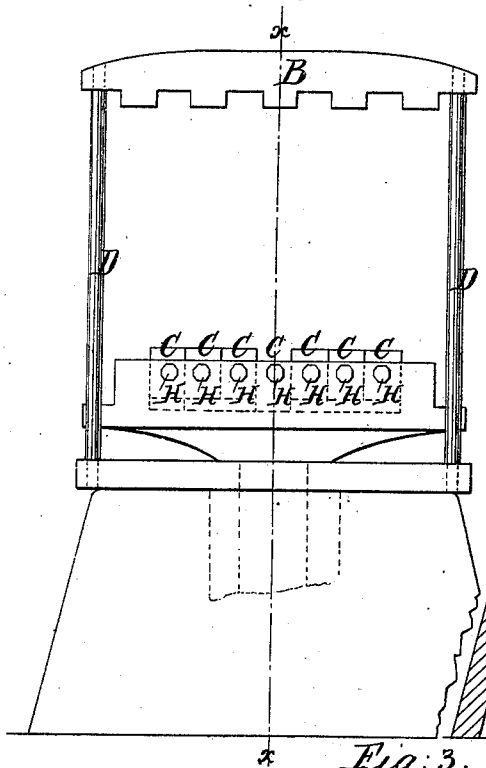


Fig: 2.

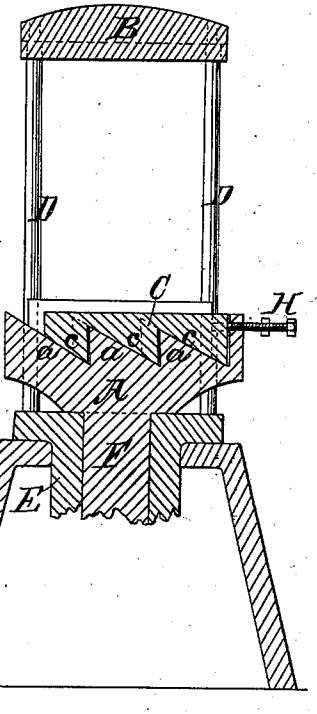
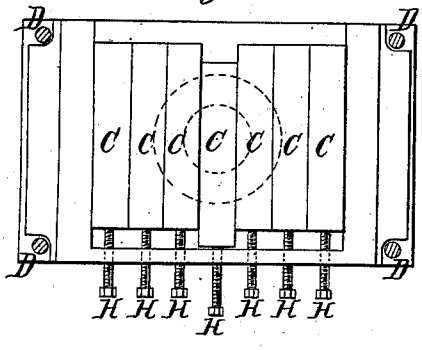


Fig: 3.



Witnesses;

S. G. Kemon

C. A. Pettit

Inventor;

Henry A. Burr

Per. Munn & Co

Attys.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

United States Patent Office.

HENRY A. BURR, OF BROOKLYN, NEW YORK.

Letters Patent No. 80,132, *dated July* 21, 1868.

IMPROVED TABLE FOR COMPRESSES.

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, HENRY A. BURR, of Brooklyn, in the county of Kings, and State of New York, have invented a new and improved Table for Compresses; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification.

The nature of my invention consists in so constructing and arranging the table or platen of a compress, that, with it, cotton and other goods that have been previously pressed or put up in bales, can be again compressed without removing the hoops or bands of the bales.

It has heretofore been the practice, where any goods are to be compressed or re-pressed to same bulk in shipping, to entirely remove the bands with which the bales were fastened when they were pressed.

In order to avoid this unnecessary inconvenience and expense, I have constructed an improved platen, represented in the drawings, in which—

Figure 1 is a front elevation,

Figure 2 a side sectional elevation, and

Figure 3 a horizontal section, the latter being taken in line *x x* of figs. 1 and 2.

E represents the cylinder, F the ram, D D the guide-rods, and B the head-block of the press, all of the usual form.

The platen that I use, in the construction and operation of which consists my invention, is formed of three parts, viz, a bottom piece, A, provided with a series of wedge-shaped inclines, *a a a*, and supported upon the ram F; a set of blocks or bearing-pieces, C C, lying side by side upon the bottom piece, as shown in figs. 2 and 3, and forming the floor of the platen, each one being provided on its under side with inclines *c c*, corresponding with and fitting into those of the bottom piece; and a set of screws, H H H, one to each block, C C, by which the blocks or bearing-pieces can be moved endwise upon the bottom piece.

As the screws force the bearing-pieces C C back or forth, the inclines *c c* sink into the recesses of the bottom piece or rise on the inclines *a a*, carrying the bearing-pieces up or down without affecting their horizontality.

The mode of using my invention is as follows: The press is run down, and the bale placed on the bearing-pieces C C, &c. When the rope or band rests on one of these bearing-pieces, that one is lowered by means of the screw H, and the rope or band left free to draw through. This adjustment is made for each band while the press is rising. When the requisite pressure is attained, the bands are tied, and the press lowered; the bale is then thrown out, and the press is ready for another operation.

I do not confine myself to this specific means of moving these bearing-pieces, as it may be done by shoving the same to one side, by dropping the same, or by rotating it, or other obvious means.

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

The combination of the bottom piece, A, having the inclines *a a a*, with the bearing-pieces C C C, having the inclines *c c c*, when the parts are constructed to operate substantially in the manner and for the purpose set forth.

HENRY A. BURR.

Witnesses:

ANDREW E. BURR,

F. A. BURR.