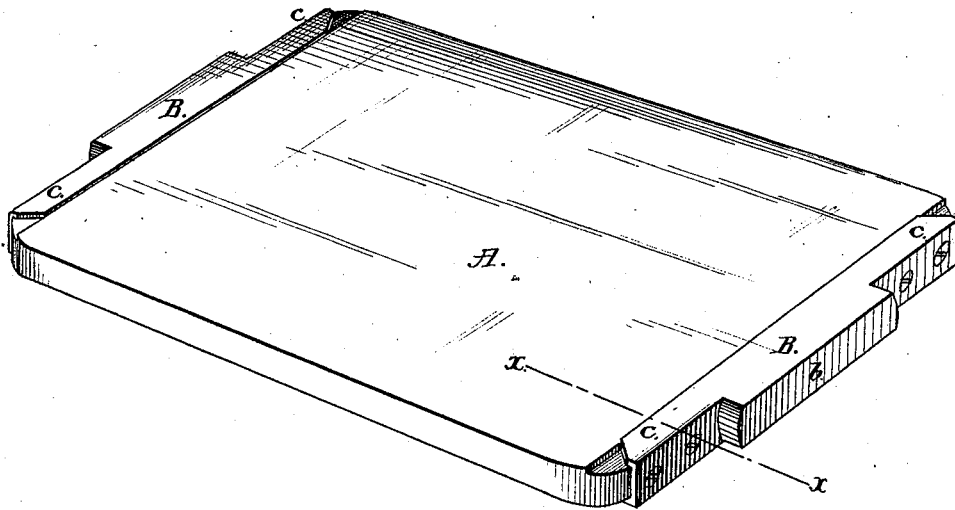


S. BRITT.  
Platen for Oil-Press.

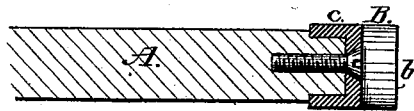
No. 200,250.

Patented Feb. 12, 1878.

*fig. 1.*



*fig. 2.*



*Attest,*  
*W. H. Graham*  
*L. W. Sloat*

*Inventor,*  
*Stephen Britt*  
*by*  
*Chas. H. Forbes*  
*Atty.*

# UNITED STATES PATENT OFFICE.

STEPHEN BRITT, OF BROOKLYN, NEW YORK, ASSIGNOR TO BENJAMIN BRITT, OF SAME PLACE.

## IMPROVEMENT IN PLATENS FOR OIL-PRESSES:

Specification forming part of Letters Patent No. **200,250**, dated February 12, 1878; application filed January 25, 1878.

*To all whom it may concern:*

Be it known that I, STEPHEN BRITT, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Platens for Oil-Presses; and I hereby declare that the following is a clear, full, and exact description thereof, reference being had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is a perspective view, and Fig. 2 a sectional view on the line *x x*, Fig. 1, of a device embodying my invention.

The object of this invention is to overcome certain objections in the wood platens usually employed in oil-presses; and the invention consists in the construction and adaptation of raised metallic clamps or cleats at the ends of the platen, whereby the device is strengthened and rendered more durable, and the separation of splinters from the wood which punctures and destroys the envelope containing the substance to be compressed is avoided, and the oil directed to its proper channel without waste.

In the drawing, A represents the platen, which is usually composed of wood, and constructed of rectangular form, as shown. B B are the clamps or cleats, (shown detached in Fig. 2,) which are made of metal and re-enforced by the projecting tenons *b b*, which serve

to engage with the guideways in the frame of the press, and maintain the platen in its proper position. These clamps or cleats are provided with double flanges *c c* upon the inner side and opposite to the projecting tenons *b b*, and extend the entire length of the cleats, as shown. Between these flanges the wood platen is secured by screws passing through the cleats and into the platen, or by any other suitable means.

It will be observed that the overlapping flanges *c c* project above the surface of the platen a distance equal to their thickness, and thereby serve to prevent the oil from running over the ends of the platen, and direct it to its proper channel. These clamps or cleats may be cast or wrought to form, and of such size or thickness of material as may be found necessary in practice.

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

A press-platen for oil or analogous substances, constructed with metallic end clamps B B, provided with laterally-projecting flanges *c c*, substantially as described.

STEPHEN BRITT.

Witnesses:

BENJAMIN BRITT,  
CHAS. W. FORBES.