

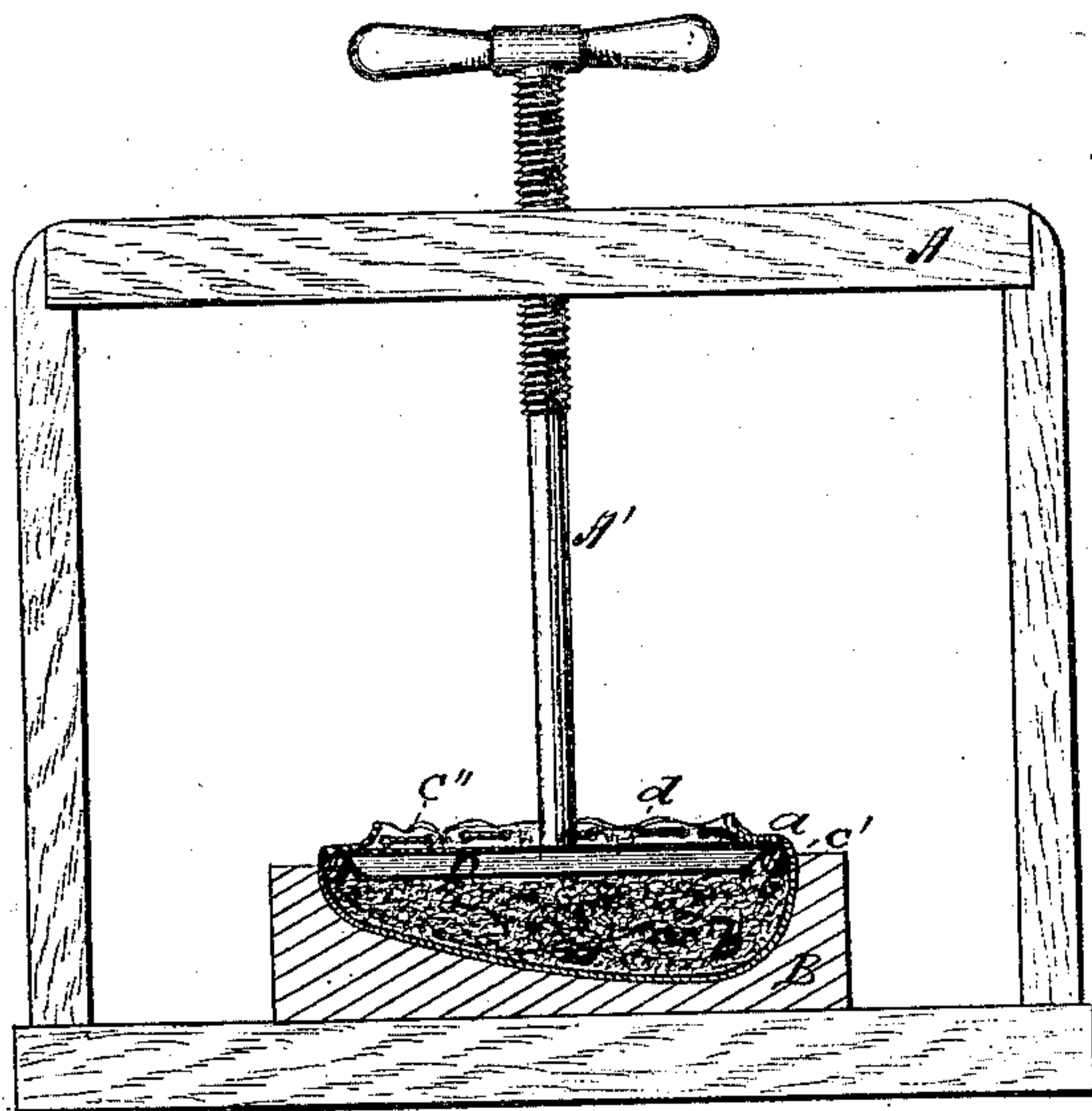
*S. S. Ritter,*

*Truss.*

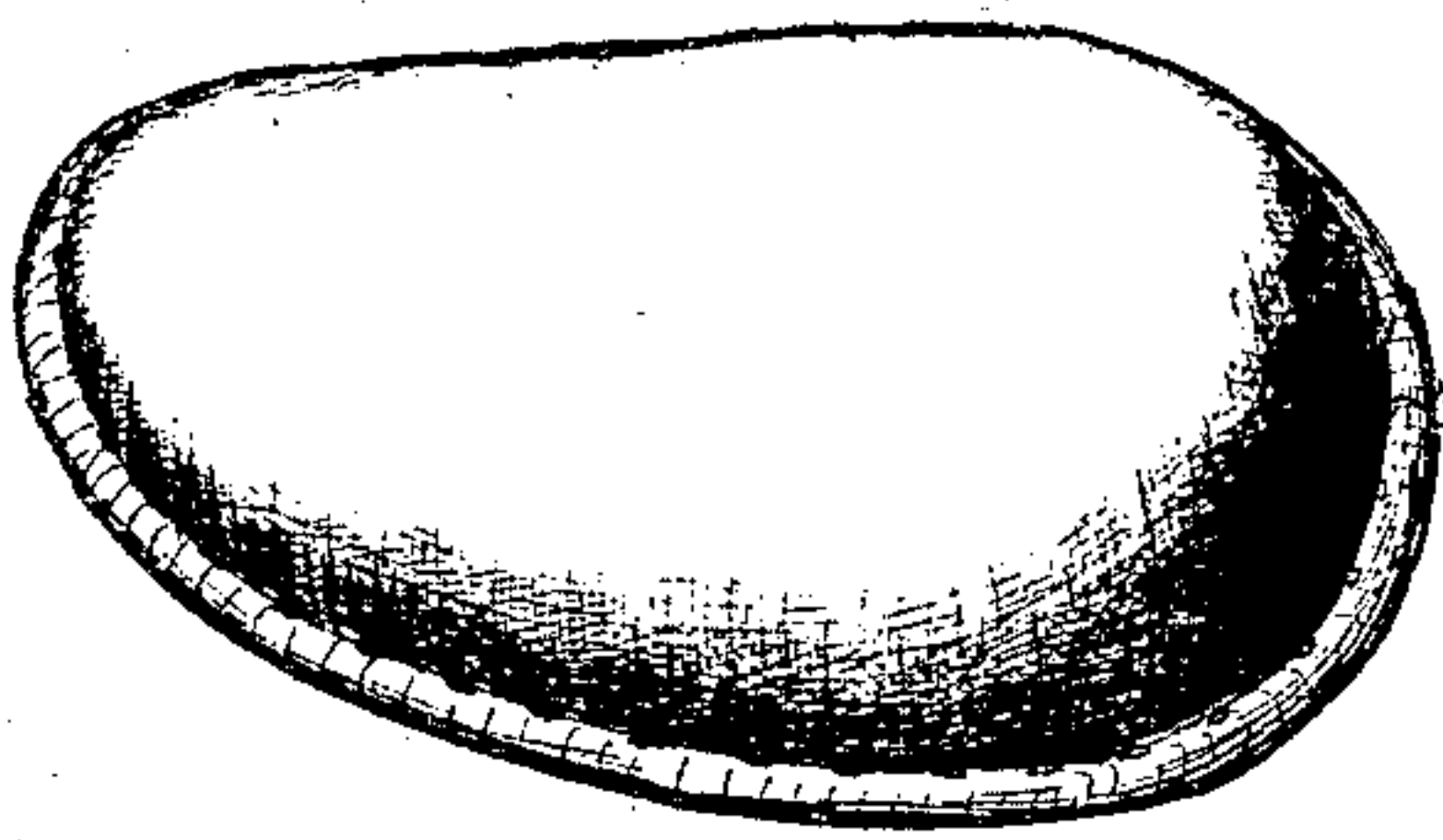
*No. 106,508.*

*Patented Aug. 16. 1870.*

*fig. 1.*



*fig. 2.*



Witnesses:

*Victor Hagmann*

*Chas. A. Pettit*

Inventor:

*S. S. Ritter*  
*per Hunt & Co*  
*Attorneys*

# United States Patent Office.

S. S. RITTER, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 106,508, dated August 16, 1870; antedated August 10, 1870.

## IMPROVEMENT IN MANUFACTURE OF TRUSS-PADS.

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, S. S. RITTER, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in the Manufacture of Truss-Pads; 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 accompanying drawing making a part of this specification, in which—

Figure 1 is a longitudinal vertical section of the frame and box, and

Figure 2 is a plan view of a pad.

This invention relates to a new method of manufacturing pads for trusses, whereby the time and expense of the same are materially reduced, as compared with that attending the ordinary method; and consists in a block, having in its upper side a cavity, of proper shape to form a pad in, in combination with a press for constructing the same.

In the drawing—

A is a rectangular wooden frame, bearing a vertical screw, A', in its upper cross-bar.

B is a box or mold, resting on the lower cross-bar of the frame, said mold having the shape required to be given to the pad, and being placed under the lower end of the vertical screw.

In the mold, in manufacturing, is first placed a piece of leather, *a*, cut of the proper shape.

On the leather is laid a suitable quantity of wool, or other stuffing, *b*.

Upon the stuffing is next located a plate of wood, *c*, of the shape of the top of the pad, and beveled inward at the sides.

Over the top and beveled sides of the piece *c* is drawn a bag, of some cheap cloth, which is fastened, by stitches drawn from side to side, across the bottom of the plate.

To the outside of a bag a hempen cord, *c'*, is sewn, running around the edge of the same. The plate *c* is subjected to the action of the vertical screw, and the stuffing compressed thereby to the proper degree.

Then the edges of the outside covering *a* are drawn as tightly as possible over the plate *c*, and a cord, *c''*, run through the gathers and tied. Stitches are also taken from side to side of the covering across the top of the plate *c*. The covering is then closed around the cord *c'* by a row of stitching.

A steel or leather top, *d*, being lastly attached to plate *c* by screws or rivets, the pad is complete.

The press and mold is a great auxiliary in the manufacture of trusses, quickening and cheapening the same materially.

Having thus described my invention,

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

The block B, having in its upper side a cavity, of a shape suited to the reception of a truss-pad, and combined with the frame A and screw A', in the manner and for the purpose set forth.

To the above specification of my invention I have signed my hand this 16th day of November, 1869.

S. S. RITTER.

Witnesses:

CHAS. A. PETTIT,  
SOLON C. KEMON.