No. 843,250. PATENTED FEB. 5, 1907.

S. S. ZIGLER.

COMBINED TROUSERS STRETCHER AND PRESSER.

APPLICATION FILED APR. 11, 1906.

Fig. 1.

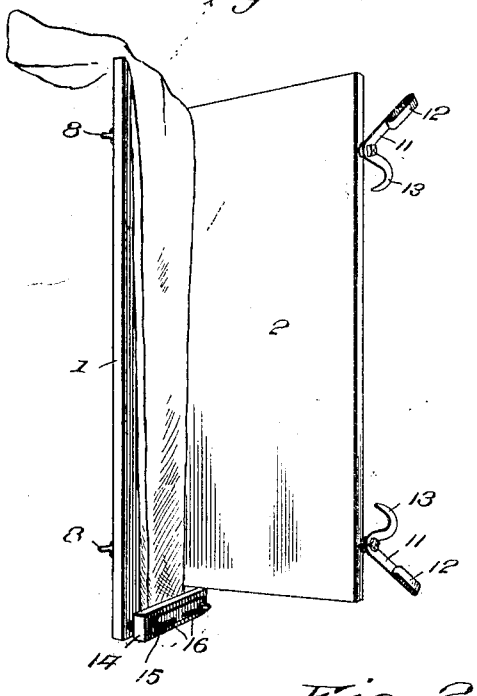



Fig. 3.

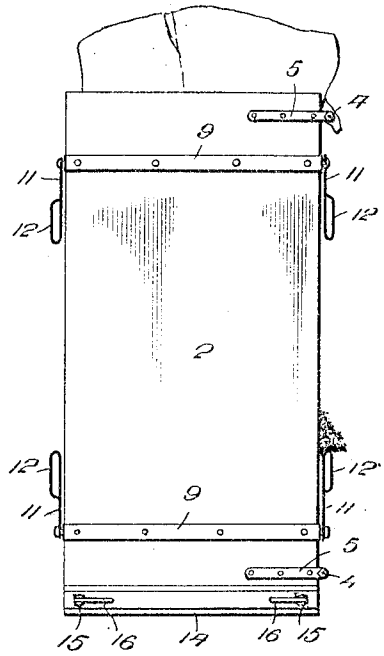



Fig. 2.

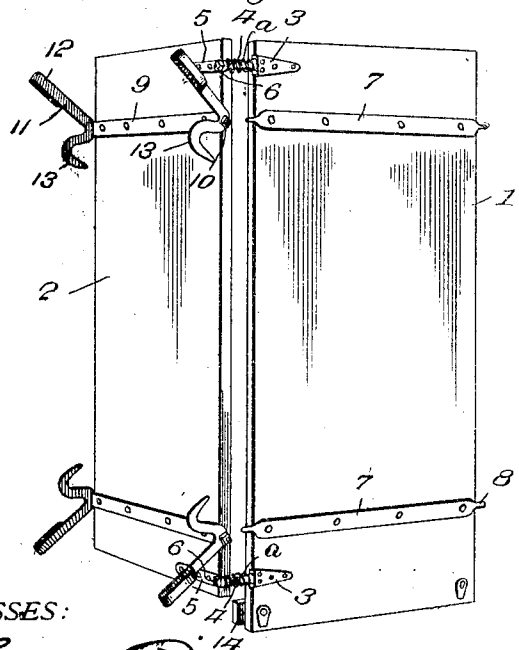
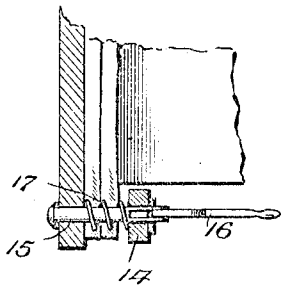



Fig. 4.




WITNESSES:

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STEPHEN S. ZIGLER, OF OXFORD JUNCTION, IOWA.

## COMBINED TROUSERS STRETCHER AND PRESSER.

No. 843,250. Specification of Letters Patent. Patented Feb. 5, 1907.

Application filed April 11, 1906. Serial No. 311,109.

*To all whom it may concern:*

Be it known that I, STEPHEN S. ZIGLER, a citizen of the United States, residing at Oxford Junction, in the county of Jones and State of Iowa, have invented certain new and useful Improvements in a Combined Trousers Stretcher and Presser; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to new and useful improvements in combined trousers stretchers and pressers, and more particularly to that class adapted to secure a pair of trousers therebetween and press the same into proper shape.

The object of my invention is to provide a cheap, durable, and efficient device and one that can be adjusted to receive one or more pair of trousers at one and the same time.

A further object is to provide means to secure the parts of my device together and impart pressure thereto.

Other objects and advantages will be hereinafter set forth, and pointed out in the claims.

In the accompanying drawings I have shown the preferred form of my invention.

In said drawings, Figure 1 is a perspective view showing my device open and a pair of trousers placed therein ready to be stretched and pressed. Fig. 2 is a perspective view as seen from the opposite direction from that shown in Fig. 1. Fig. 3 is a plan view of my improved device closed and showing a pair of trousers therein, and Fig. 4 is a detail sectional view through the lower end of the stretcher-frame and showing one section of the frame opened.

Referring to the figures by numerals of reference, 1 and 2 represent the frame or body portion of my improved stretcher, said sections being hinged together at one edge by hinge members 3, one section of said hinge member being in the form of threaded bolts 4, upon which take suitable straps 5, which are rigidly secured to the member 2 of the frame, said straps being adjustably held upon the bolts 4 by means of suitable nuts 6. Springs *a* are disposed around the bolts 4 and between the hinge-joints and straps 5, the object of said springs being to give rigidity to the member 2 and prevent the same from dropping down upon the bolt when the two members are being brought together or closed.

Bars 7 are disposed across the outer face of the member 1 and are rigidly secured thereto, said bars having reduced end sections 8. Similar bars 9 are disposed across the outer face of the member 2, said bars terminating in shanks 10 at their opposite ends, upon which are mounted locking members 11, said members having suitable hand engaging grips 12 at one end and provided at their opposite ends with hook-sections 13, said hook-sections being so arranged that when the trousers are placed between the members 1 and 2 and said members are brought together said hook members will take onto the reduced sections 8 of the bars 7 and lock said members together.

In order to retain the trousers in place while the same are being stretched, the member 1 is extended at one end and provided with a clamping-block 14, said block being held in position upon the member 1 by means of bolts 15, said bolts being of sufficient length to permit said block 14 to be moved a distance from the face of the member 1. The outer ends of the bolts 15 are slotted and have pivoted therein cams 16, so that when the trousers have been placed between the member 1 and the block 14 said block may be directed against the trousers by rotating the cams 16. I preferably dispose spiral springs 17 around the bolts 15 and between the member 1 and the block 14, so that when it is desired to remove the trousers the cams 16 are rotated on their pivots in the bolts and the spring 17 will direct the block 14 outwardly and remove said block from engagement with said trousers.

In operation a pair of trousers are disposed upon the inner face of the section 1 and the lower ends thereof secured between said member 1 and the block 14, when said trousers are drawn taut across the face of the section 1, after which the section 2 is disposed over the trousers and the curved members 13 directed into engagement with the reduced ends 8 of the bars 7, and by a continuous rotation of the locking members 11 around the shanks 10 said sections 1 and 2 will be clamped securely together and a sufficient pressure brought to bear upon the trousers to press the same and remove all wrinkles and creases therefrom.

It will be clearly understood that the members 13 are eccentrically disposed with

respect to the shanks 10, so that the greater the rotation of the members 11 upon the shanks 10 the tighter the members 1 and 2 will be drawn together.

What I claim is—

1. A combined trousers stretcher and presser comprising frame members, means to adjustably secure said members together at one edge, one of said members being longer than the other, bars having reduced ends secured to the elongated member, bars secured to the other member and terminating in suitable shanks, and means pivotally mounted on said shanks adapted to engage the ends of the bars on the opposite member and draw said members together.

2. A combined trousers stretcher and presser comprising frame members hinged together, one of said frame members being longer than the other, means secured to said extended end of the elongated member to engage and hold trousers thereon, bars secured to said elongated member, said bars having reduced ends, bars rigidly secured to the opposite member having shanks at their opposite ends, locking members mounted upon said shanks, the cammed ends of which are adapted to engage said reduced ends and draw said members together.

3. A combined trousers stretcher and presser comprising frame members 1 and 2, hinges secured to the member 1, one leaf of said hinges terminating in a bolt, straps secured to the member 2 and slidably engaging said bolts, means to adjust said straps on said bolts, locking devices secured to the member 2, said devices having hooked ends adapted to engage bars carried by the member 1 and dispose said members 1 and 2 in close relation to each other, a bar secured to one end of the member 1, and means to dispose said bar toward or away from the member 1 as desired.

4. A device of the class described comprising a pair of frame members, one of which is longer than the other, hinges on one of said frame members, one strap of said hinges being in the form of a bolt, straps rigid with the opposite frame member and having openings to receive said bolts, a nut on said bolts to adjust said frame members with relation to each other, a spring around said bolts to direct outward pressure on said straps and means to lock said frame members together.

In testimony whereof I have signed my name to this specification in the presence of two susbcribing witnesses.

STEPHEN S. ZIGLER.

Witnesses:

E. S. MELLISH,

C. F. BOHM.