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PATENTED DEC. 19, 1905.

L. J. STOCKWELL.
TROUSERS CREASER AND STRETCHER.
APPLICATION FILED APR. 20, 1905.

2 SHEETS—SHEET 1.

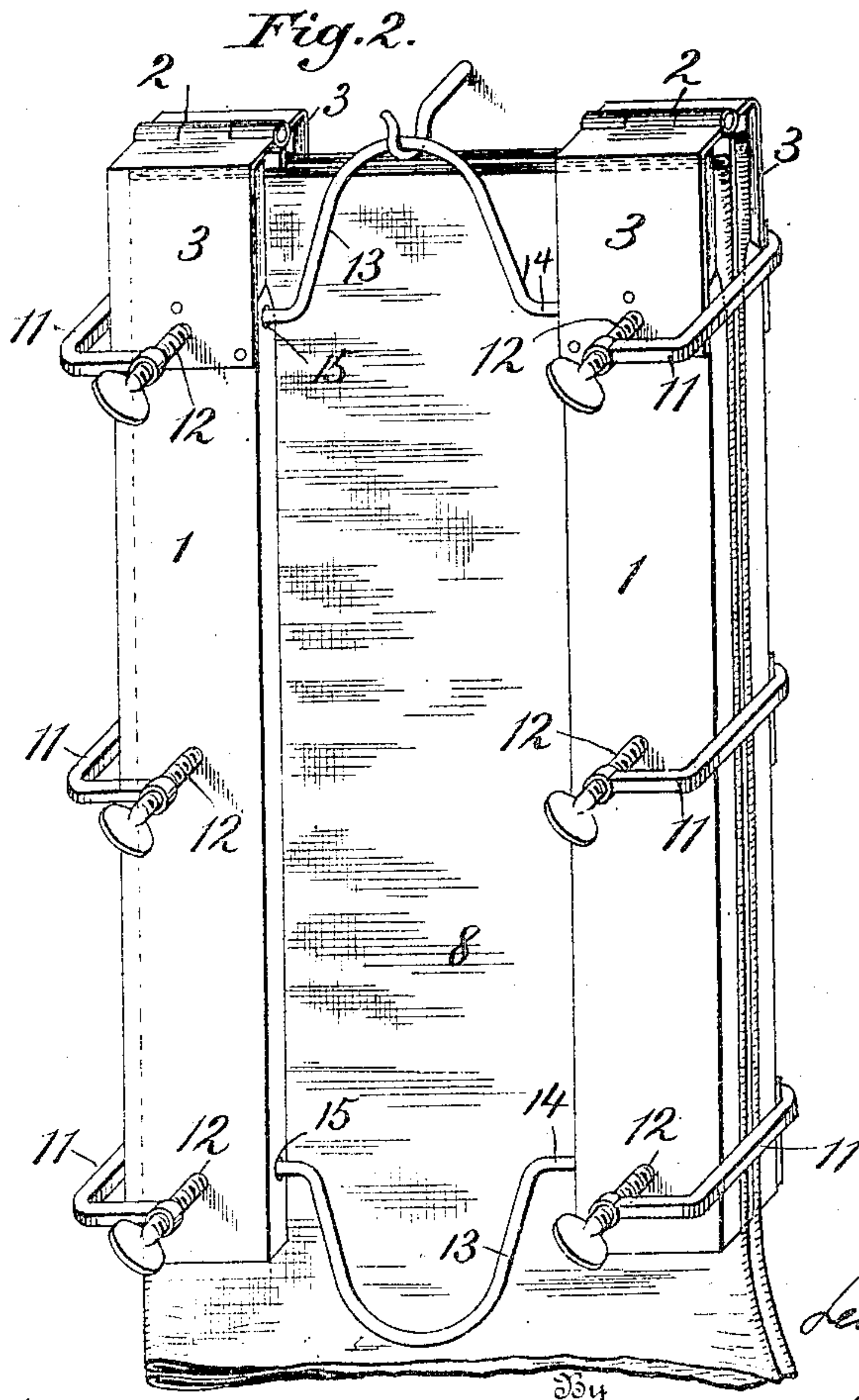
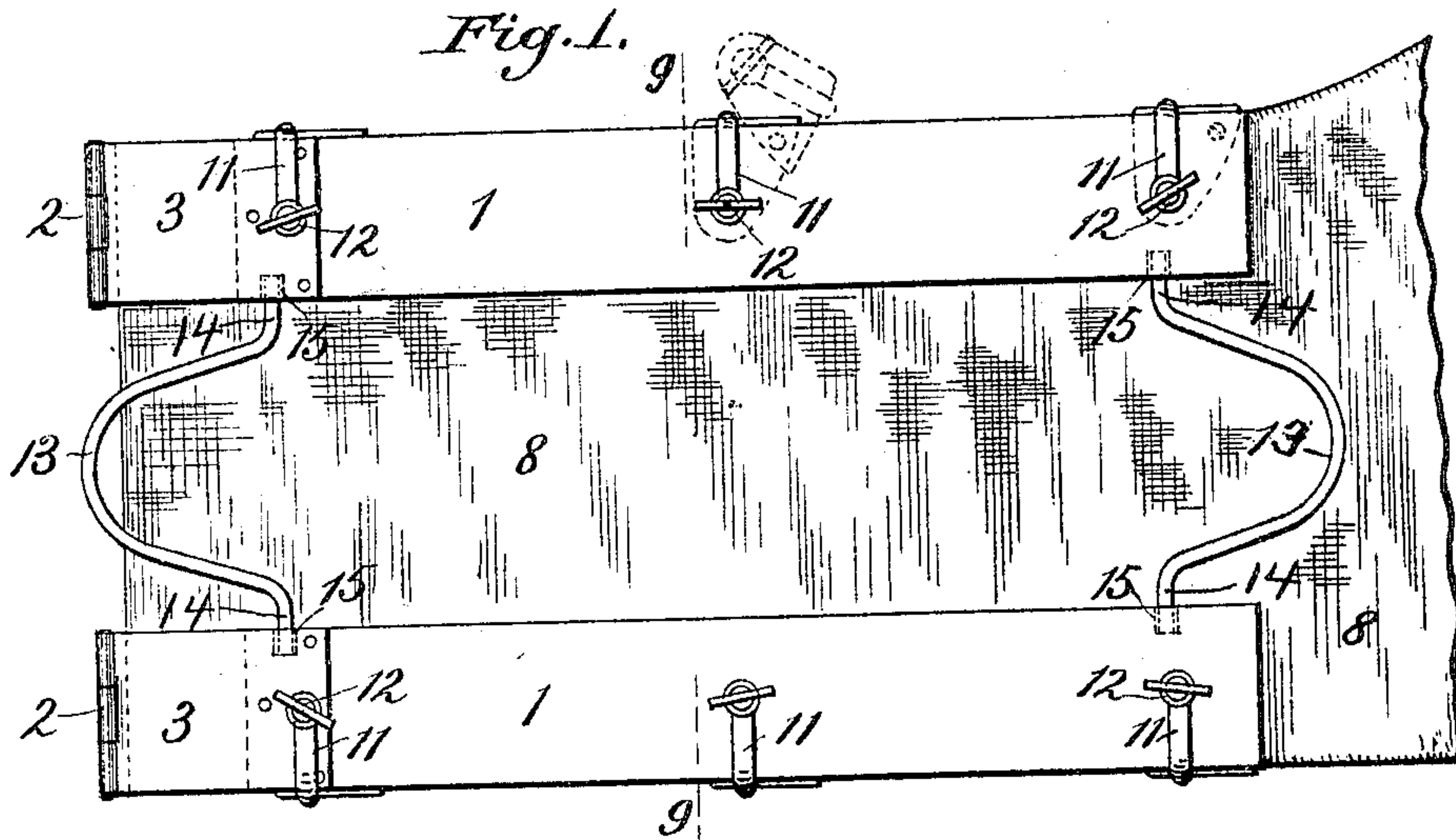
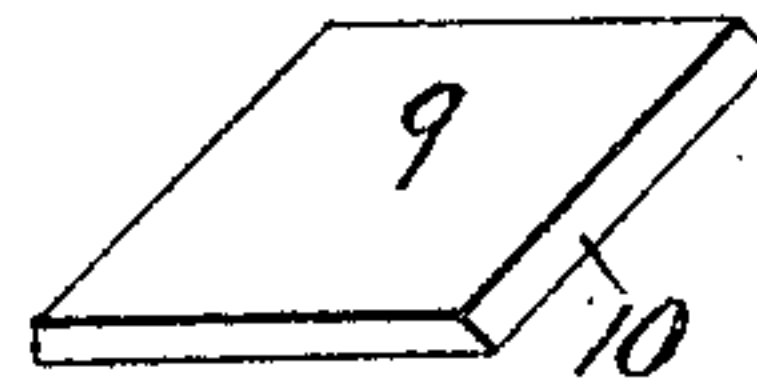


Fig. 10.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 3.

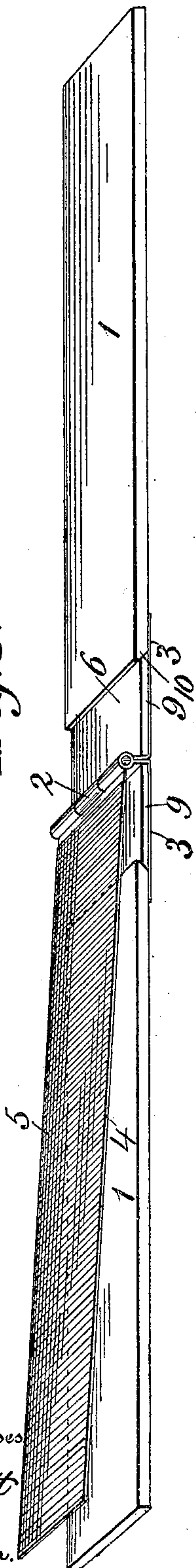


Fig. 4.

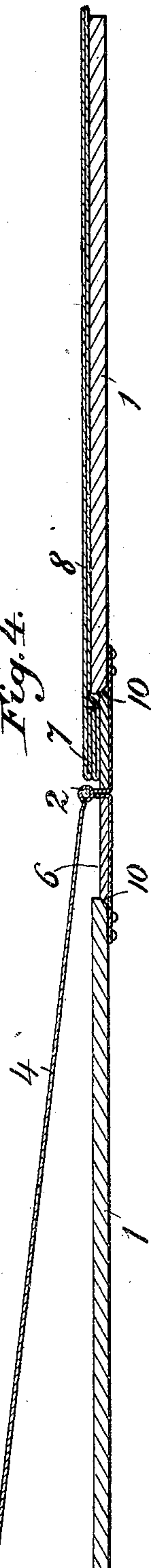


Fig. 5.

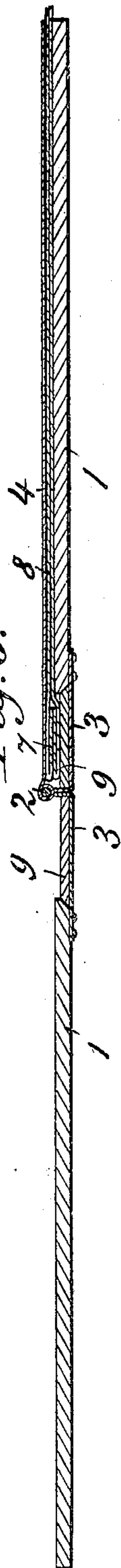


Fig. 6.

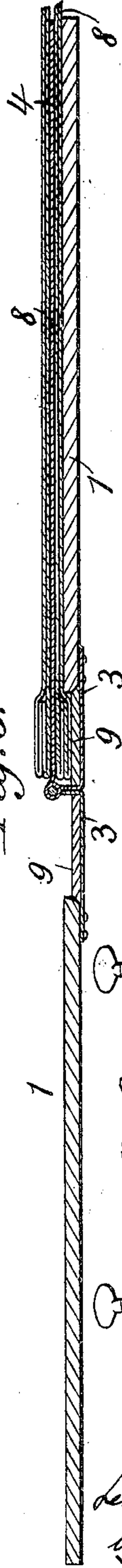


Fig. 7.



Fig. 8.

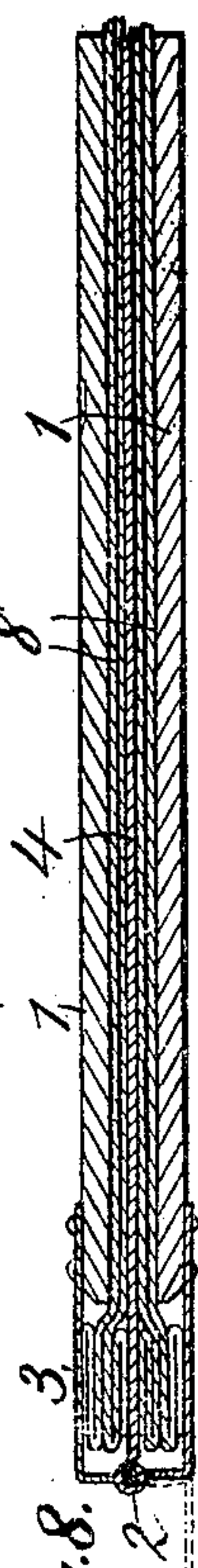
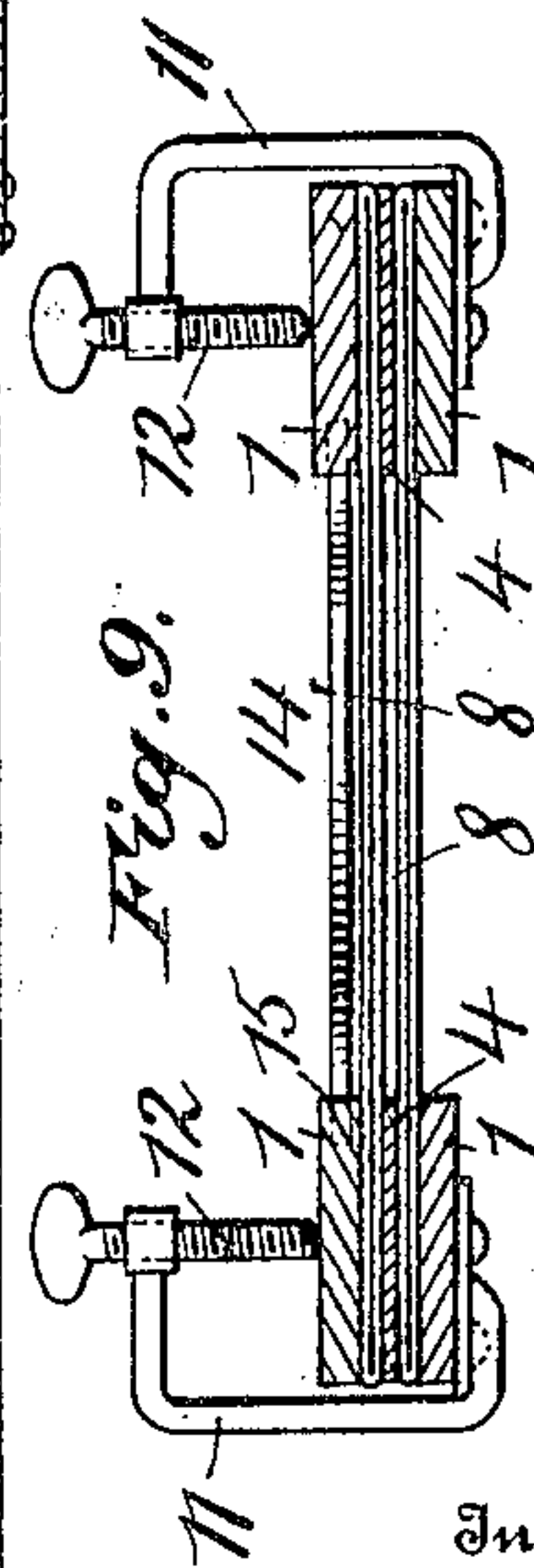


Fig. 9.



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UNITED STATES PATENT OFFICE.

LEONARD J. STOCKWELL, OF ST. LOUIS, MISSOURI.

TROUSERS CREASER AND STRETCHER.

No. 807,693.

Specification of Letters Patent.

Patented Dec. 19, 1905.

Application filed April 20, 1905. Serial No. 256,657.

To all whom it may concern:

Be it known that I, LEONARD J. STOCKWELL, a citizen of the United States, residing at St. Louis, State of Missouri, have invented certain
5 new and useful Improvements in Trousers Creasers and Stretchers; and I do 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
10 make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to trousers creasers
15 and stretchers; and it has for its object to provide such a device comprising a pair of creasers, each set of the pair composed of two members hinged together at one end and an intermediate leaf hinged at the folding joint of the
20 two members and means for spreading apart the pairs of creasers; also, to provide the folding members with oppositely-disposed depressions to receive the folded portions or hems at the lower ends of the trousers-legs; also, to
25 provide removable filling-blocks at the ends of the folding members having the depressions, so as to increase the depth of the depressions by removal of the blocks to accommodate extra folds at the ends of the trousers-legs, and also to provide other improved
30 features of construction.

To the accomplishment of the foregoing and such other objects as may hereinafter appear the invention consists in features of construction and in combination of parts hereinafter particularly described and then sought to be
35 clearly defined by the claims, reference being had to the accompanying drawings, forming a part hereof, and in which—

40 Figure 1 is a plan view of the creaser and stretcher applied to trousers-legs; Fig. 2, a perspective view of the same; Fig. 3, a perspective view of one of the pair of folding members; Fig. 4, a longitudinal section
45 through the same, showing one of the trousers-legs in position thereon; Fig. 5, a similar view showing the intermediate leaf laid upon the trousers-leg; Fig. 6, a similar view showing the other leg of the trousers laid upon the intermediate leaf; Fig. 7, a similar view
50 showing the several parts in position for application of the clamping means; Fig. 8, a view similar to Fig. 7 with the filling-blocks removed to increase the depth of the depressions for the reception of the folds in the ends
55 of the trousers-legs and showing in dotted

lines one of the hinged members thrown back. Fig. 9 is a cross-section on the line 9 9 of Fig. 1 and showing the clamping means, and Fig. 10 a perspective view of one of the filling-
60 blocks.

In the drawings the numeral 1 designates the folding members of the creasers, made of suitable material, preferably of wood, and connected together at one end by a hinge 2,
65 formed, preferably, as a part of the metal plates 3, which may form a part of the folding members 1, and the numeral 4 designates an intermediate leaf, preferably made of metal and which may have a cloth covering 5 and which
70 is hinged to the folding members—for instance, by the same pintle employed for the hinge between the ends of said members, as illustrated clearly in Fig. 3 of the drawings. The folding members 1 at their hinged ends
75 are each formed with a depression 6 to receive the fold or hem 7 of the trousers-legs 8, so that closer contact may be made between the trousers-legs and parts of the creaser and at the same time provide for properly pressing
80 the folds or hems at the ends of the trousers-legs. For the purpose of increasing the depth of these recesses when necessary or desirable I provide filling blocks or plates 9, which are formed with beveled edges 10, fitting
85 beneath corresponding undercut portions in the folding members 1, so that the filling-blocks will be held in place. When the trousers-legs have an extra fold in their ends, as indicated in Fig. 8 of the drawings, these filling-
90 blocks are removed, so as to give an increased depth to the depressions to accommodate said extra folds, as illustrated in Fig. 8 of the drawings. This feature, however, may
95 be omitted.

The presser and creaser is applied in pairs, one at each side, where the longitudinal folds and creases in the trousers-legs are to be formed, as illustrated in Figs. 1 and 2 of the
100 drawings. In applying the device the folding members of the pair are opened, as illustrated in Fig. 3. One of the trousers-legs is then laid upon one of each of the folding members of the pair, as illustrated in Fig. 4
105 of the drawings. The intermediate leaf of each set of folding members is then laid upon the trousers-leg, as illustrated in Fig. 5. The other leg of the trousers is then laid upon the leaf, as indicated in Fig. 6, and the other folding member of each set of members of
110 the pair is then laid on top of this trousers-leg, as illustrated in Fig. 7 of the drawings.

The folding parts of each set of the pair are then clamped by suitable means. The preferred means consist of the yokes 11, pivotally connected to one of the members 1 and provided with a screw 12, which will bear against the other member 1, so that by tightening the screws the folding members will be clamped together and the trousers-legs pressed and creased along their longitudinal folds. For the purpose of stretching the trousers-legs laterally loop-springs 13 are applied between the oppositely-disposed members 1, so that the outturned ends 14 of these springs will enter sockets 15 in the oppositely-disposed side faces of the members 1, as illustrated in Figs. 1 and 2 of the drawings, which springs are compressed while being put in place, and will then expand so as to force apart the oppositely-disposed members of the pair, and thus stretch the trousers-legs laterally. These springs also serve as a means by which the creasers may be suspended, as indicated in Fig. 2 of the drawings.

Under the construction described the trousers-legs are stretched so as to remove all wrinkles and are pressed into shape and formed with creases at their longitudinal folds. By hinging the folding members together at their ends they are more easily and conveniently applied, and by hinging the intermediate leaves at their ends they can be more conveniently manipulated and wrinkles more advantageously and effectively removed than if otherwise applied.

I have illustrated and described with particularity the preferred details of construction and arrangement of the several parts; but it is obvious that changes can be made therein and that some of the features can be used without the others and features of my invention be employed. By hinging the two pressing members together at one end and hinging the intermediate leaf at the same end and leaving said parts disconnected from each other from their hinged ends to their opposite ends, so as to fold longitudinally, said parts are capable of compression to a greater degree and throughout their entire length, and thus a more effective creasing and pressing of the trousers-legs obtained, as there is nothing along the edges of said parts throughout their length to prevent them from being brought more closely one to the other.

Having described my invention and set forth its merits, what I claim is—

1. A trousers creaser and stretcher comprising a pair of creasers, each set of the pair composed of two members hinged together at one end and an intermediate leaf hinged at the folding joint of the two members, means for clamping the members to the trousers-legs, and spreaders consisting of springs interposed between and engaging the oppositely-disposed sets of the pair to spread the same apart, substantially as described.

2. In a trousers-creaser, two members hinged together at one end and provided with an intermediate leaf hinged at the joint between the members, said members being provided with depressions at their hinged ends to receive the folds in the trousers-legs, substantially as described.

3. In a trousers-creaser, two members hinged together at one end and provided at one end with removable filling-blocks to form depressions for folds in the trousers-legs on removal of the blocks, substantially as described.

4. In a trousers-creaser, two creasing members between which the trousers-legs will lie when being creased, said members being formed with transverse recesses at one end to receive transverse folds in the ends of the trousers-legs, substantially as described.

5. In a trousers-creaser, two members between which the trousers-legs will lie when being creased, and filling-blocks applied to said members and capable of being removed to form recesses for folds in the trousers-legs, substantially as described.

6. A trousers-creaser comprising two members hinged together at one end so as to fold one upon the other in the direction of their length, and an intermediate leaf hinged at the hinged ends of said members, said members and leaf being free from connection one with the other from their hinged ends to their opposite ends throughout their length, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

LEONARD J. STOCKWELL.

Witnesses:

J. B. VAN ARSDEL,

JOHN H. STOCKWELL.