

No. 817,108.

PATENTED APR. 3, 1906.

I. R. FENNER.
TROUSERS PRESS.

APPLICATION FILED JUNE 22, 1905.

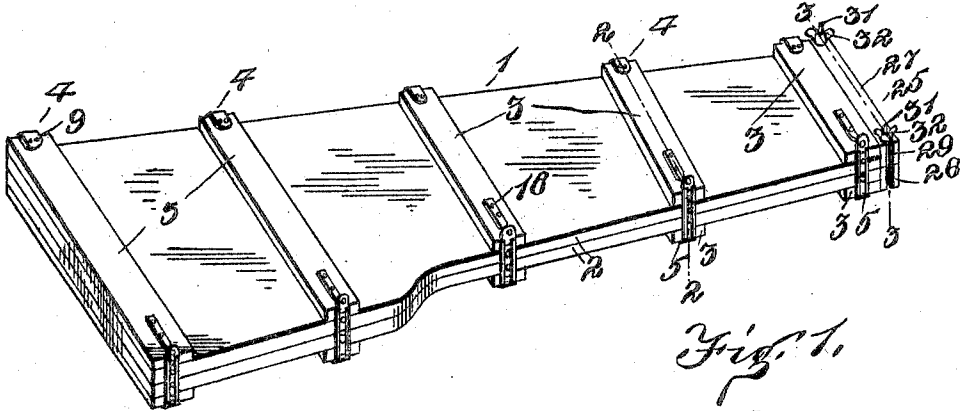


Fig. 1.

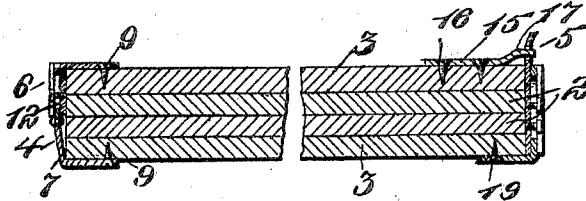


Fig. 2.

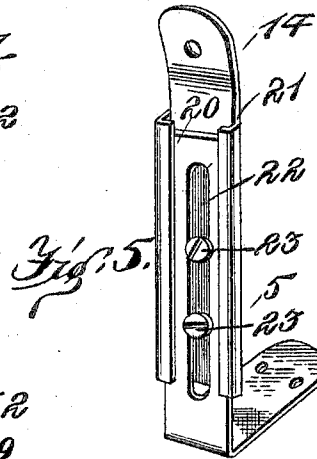


Fig. 3.

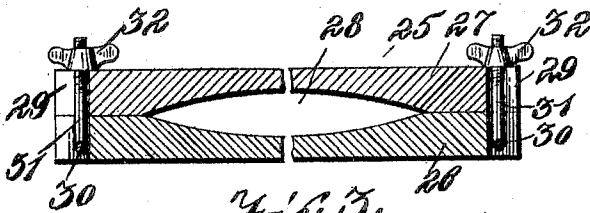


Fig. 4.

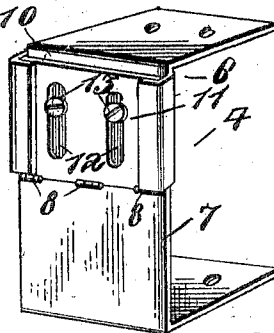


Fig. 5.

Witnesses
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UNITED STATES PATENT OFFICE.

IRVIN R. FENNER, OF SAN FRANCISCO, CALIFORNIA.

TROUSERS-PRESS.

No. 817,108.

Specification of Letters Patent.

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Application filed June 22, 1905. Serial No. 266,478.

To all whom it may concern:

Be it known that I, IRVIN R. FENNER, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Trousers-Presses; 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 make and use the same.

My invention relates to improvements in devices for pressing and reshaping trousers; and its object is to provide a means for removing all unsightly wrinkles and bagging of the trousers without the aid of heat or pressing-irons.

The above and other objects, which will appear as the nature of my invention is better understood, are accomplished by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved trousers-press. Figs. 2 and 3 are transverse sectional views taken, respectively, on the lines 2-2 and 3-3 of Fig. 1. Fig. 4 is a perspective view of one of the adjustable hinges, and Fig. 5 is a perspective view of one of the adjustable spring-catches.

Referring to the drawings by numeral, 1 denotes my improved trousers-press, which consists of two similar half-sections 2, which are of substantially the same shape as a pair of trousers when folded. These sections 2 are preferably constructed of boards and are prevented from warping and cracking by providing upon their outer faces cross-bars or cleats 3, any desired number of which may be employed. The two half-sections are connected along the edge of one of their sides by hinges 4, and their opposite side edges are adapted to be fastened by spring-catches 5, so that the pair of trousers to be pressed may be clamped between said sections.

Each of the hinges 4, as clearly shown in Fig. 4 of the drawings, consists of two members 6 and 7, which are pivotally connected, as shown at 8. Each of these sections or leaves 7 is right angular in form and is adapted to be secured by nails, screws, or other fastening means 9 to the cross-bars or cleats 3, as indicated in Fig. 2 of the drawings. The section or leaf 6 of each hinge is made adjustable by forming it of two parts 10 and 11, which are adapted to be slidably engaged with each other. These parts 10 and 11 are

adjustable, preferably by forming the part 11 with slots 12, through which extend headed screws 13, carried by the part 10. This adjustment of the hinges is provided for the purpose of permitting the half-sections 2 of the press to be tightly clamped upon trousers made of material of different thicknesses. By means of the screws 13 the hinges may be adjusted so that heavy or light trousers may be pressed in the device.

The spring-catches 5 consist of a latch member 14 and a keeper member 15. The latter is secured, as shown at 16, upon the cross-bars or cleats 3 and has a reduced portion or stud 17, which projects beyond the end of the cleat and is adapted to enter a recess or opening formed in the free end of the resilient keeper member 14. Said member 14, as clearly shown in Fig. 5 of the drawings, is right angular in form and has one of its ends secured, as at 19, upon one of the cleats 3. This member of the catch is also made adjustable similar to the section or leaf 6 of the hinge, so that the catch may be adjusted to cause the half-sections 2 to exert the desired pressure upon the trousers between them. The adjustment of the member 14 is preferably effected by forming it in two parts 20 and 21, the former of which is provided with a slot 22 to receive headed screws 23, carried by the latter.

In order to permit the trousers to be stretched longitudinally while being placed in the device, I provide at the small end of the section 2 a clamp 25, which is adapted to hold the bottoms of the trousers while they are being stretched out and smoothed upon one of the sections 2 preparatory to swinging the other of said sections downwardly to its closed or clamped position. This clamp 25 consists of a stationary member 26, which is secured upon the end of one of the sections 2, and a removable member 27. Each of these members is in the form of strips or blocks of wood, having their adjacent faces recessed at their centers, as shown at 28, to allow for the thickness of the seams in the legs of the trousers and which are slotted or notched at each of their ends, as shown at 29. In the notches 29 of the stationary member 26 are pivoted, as shown at 30, screw-bolts 31, which are adapted to swing into and out of the notches 29, which align when the member 27 of the clamp is placed upon the member 26. The screw-threaded ends of the bolts 31 are adapted to receive winged nuts 32, by means of

which the clamp member 27 may be drawn down upon the member 26 to clamp the trousers' bottoms between them.

The construction, use, and advantages of the invention will be readily understood from the foregoing description, taken in connection with the accompanying drawings. On the insertion and securing of the trousers' bottoms in the clamp 25 all of the bagginess of the knees and all the wrinkles may be removed by stretching the trousers toward the upper ends of the sections 2, so that the upper section may be pressed down and locked under. The trousers are thus stretched out and smoothed.

It will be seen that the use of the invention will remove all bagginess and wrinkles in the trousers without employing heat or pressing-irons.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

1. In a trousers-press, the combination with two hingedly-connected half-sections, of

a spring-catch comprising two members, one being secured upon one of said half-sections and formed with a stud, and the other being secured upon the other of said half-sections and consisting of two parts having an adjustable slot and screw connection, the latter member of the catch being formed with an opening to receive the stud upon the first-mentioned member.

2. A trousers-press, comprising two half-sections, hinges connecting said sections along one of their side edges, spring-catches for securing said sections along their opposite edges, a trousers-bottom clamp comprising a stationary member secured upon one end of said sections, said stationary member having notches in the ends thereof, screw-bolts pivoted in said notches, a removable clamp member provided with notches in its ends to receive said screw-bolts and winged nuts upon the latter, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

IRVIN R. FENNER.

Witnesses:

GEORGE PATTISON,
FRANK ALLENDORTH.