April 26, 1932. C. SWAN 1,855,262

TROUSERS PRESS AND HANGER

Filed Oct. 11, 1929

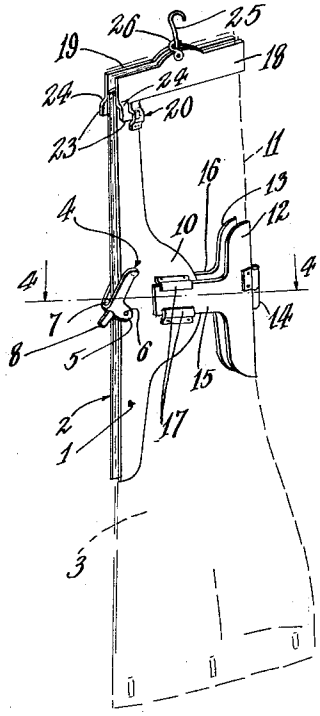


Fig. 1.

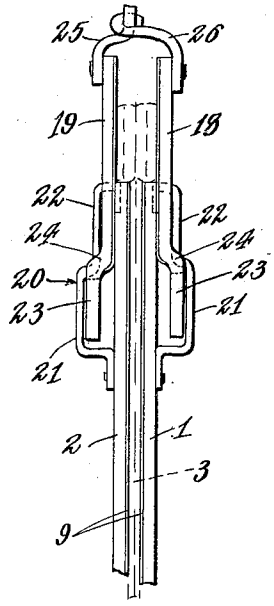


Fig. 2.

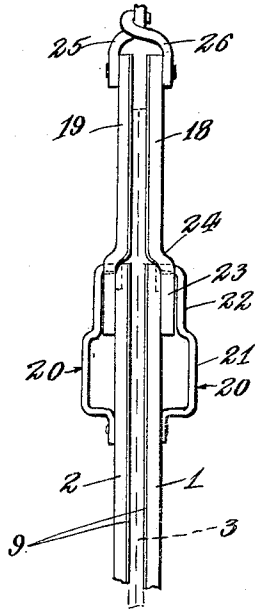


Fig. 3.

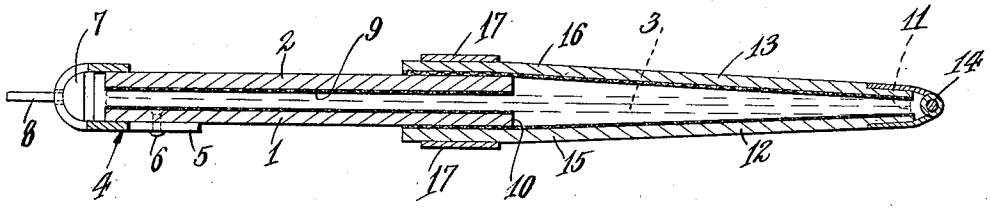


Fig. 4.

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UNITED STATES PATENT OFFICE

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TROUSERS PRESS AND HANGER

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This invention relates to a simple device for pressing trousers and other articles of wearing apparel in which a distinct crease is desirable. The invention also provides a device which is of simple construction and which is readily adjusted so as to press and hold trousers, whether or not they are provided with cuffs at their lower edges.

An object of this invention is to disclose and provide a simple and effective trousers press.

Another object is to disclose and provide a trousers press which is adjustable for trousers with or without cuffs.

A still further object of this invention is to disclose and provide a trousers press adjustable for width.

Another object is to disclose and provide a trousers press adapted to maintain trousers in pressing position in contact with moisture of a suitable liquid.

Other objects, uses and advantages of this invention will become apparent from the following description, reference being had to the appended drawings, in which:

Fig. 1 is a perspective view of a trousers press embraced by this invention.

Fig. 2 is a side elevation of the upper portion of a trousers press showing said press in position on trousers having cuffs.

Fig. 3 is an enlarged side elevation of the upper portion of a trousers press in position for use on trousers without cuffs.

Fig. 4 is an enlarged section taken along line 4—4 of Fig. 1.

The device illustrated on the attached drawings comprises two presser plates 1 and 2 between which trousers 3 may be held in pressing position. The presser plates 1 and 2 are preferably held together in pressing position by means of one or more suitable clips. Only one clip is shown in the drawing, said clip providing a U-shaped spring 4 provided with a lug on one side 5, said lug being attached to the presser plate 1 by a pin or rivet 6.

A filler block 7 provided with a handle or extension 8 may be inserted between the ends of the spring 4, the handle 8 protruding through an opening in the U-shaped spring 4. Any other suitable handle may be provided, such as for example, a handle merely welded or otherwise attached to one of the sides of the U-shaped spring clip 4. It is to be understood that the spaced ends of the spring clip 4 are spaced sufficiently so as to permit them to be easily placed exteriorly of the presser plates 1 and 2 when a pair of trousers 3 is in position, said spring 4 maintaining said presser plates 1 and 2 in pressing position.

The presser plates 1 and 2 may be made of any suitable material such as wood, metal, phenol condensation compositions, impregnated and hardened paper and the like.

Preferably, the presser plates 1 and 2 are provided with absorbent inner surfaces 9 made of felt, flannelette or other cloth, or if desired faced with a cork composition or other absorbent material adapted to retain moisture or other liquids. Furthermore, the presser plates 1 and 2 are preferably provided with enlargements 10, said enlargements being in approximately the position at which the knee comes in contact with the trousers so as to extend the pressing action to those areas which normally become baggy during use.

Means may be provided for placing a crease or pressing the rear edge 11 of the trousers 3. Means for pressing the rear edges 11 may comprise members 12 and 13 hingedly connected together as at 14, said members 12 and 13 being provided with arms 15 and 16, respectively, adapted to be slidably received in suitable grooves or guides formed in or attached to the presser plates 1 and 2. As shown on the drawings, said guides may comprise bent metallic members 17 attached to the back or outer sides of the presser plates 1 and 2 in any suitable manner, as by means of rivets. By slidably adjusting the arms 15 and 16 within the guides 17, the position of the members 12 and 13 relative to the rear edge 11 of the trousers may be regulated.

Means are preferably provided for maintaining the trousers 3 in pressing position between the presser plates 1 and 2, while said trousers 3 are suspended as shown in Fig. 1 Such means may include opposed hanger portions 18 and 19, each of said hanger portions

18 and 19 being adapted to be removably attached to one of said presser plates 1 and 2. Said means may comprise suitable groove members or eyes made of sheet metal or any other suitable material, such as for example, the eyes 20. The eyes 20 may be attached to the ends of opposed presser members 1 and 2 in any suitable manner and preferably include a portion 21 spaced a greater distance from the presser boards 1 and 2 than the second portion 22.

The ends of hanger portions 18 and 19 are provided with hooks 23 spaced out of the plane of the portions 18 and 19 by means of bends 24, said bends 24 being substantially equal in their displacement to the thickness of the presser plates 1 and 2. The hooks 23 extend in a direction parallel to the length of the hanger portions 18 and 19.

As shown in Fig. 2, when the hooks 23 are in position within the eye 20 so as to contact with the upper portion 21, then the body of the hanger portions 18 and 19 rests against the end of the presser plates 1 and 2. The distance between the presser plates 18 and 19 is then substantially equivalent to the thickness normally occupied by the cuffs of a pair of trousers.

If, however, the hanger portions 18 and 19 are shifted so that the hooks 24 contact with the lower portion 22 of the eye 20, then the inner faces of the adjoining hanger portions 18 and 19 are substantially in the same plane as the inner surfaces of the presser plates 1 and 2, thereby permitting the hanger portions 18 and 19 to grip the edges of trousers unincumbered with cuffs.

Preferably, one of said hanger portions 18 or 19 is provided with a hook 25 by means of which the press while in position upon a pair of trousers may be suspended. An adjustable loop 26 attached to the opposed hanger member is also preferably provided, said adjustable loop 26 being adapted to extend around the hook 25 so as to maintain the hanger portions 18 and 19 together.

In operation, the inner surfaces of the presser plates 1 and 2 are preferably slightly moistened with water or with a cleaning fluid, and the trousers then placed between the presser plates so that the front crease of said trousers is retained between said presser plates and the extensions 10 carried by said presser plates cover the areas adjoining the knee portions of the trousers. The two presser plates are then placed in pressing relation by causing the spring clip 4 to pivot at 6, the legs of said clip embracing the presser plates.

The opposed hanger portions 18 and 19 may then be fitted into operative relation by causing the prongs or fingers 23 to be received within the proper portion of the eyes 20. The use of the rear crease members 12 is self-evident from the description given hereinabove.

The invention as described above provides a ready and efficient means for pressing trousers. The entire device may be disassembled so as to occupy but little space when not in use.

Although a particular device has been described in detail, it is to be understood that the invention is not limited to the precise details of construction specified, but includes all such changes and modifications as come within the scope of the appended claims.

I claim:

1. In a trousers press, the combination of two opposed presser plates lined with absorbent material and adapted to contact with front crease portions of trousers placed therebetween, a spring clip pivotally connected to one of said presser plates and adapted to hold said presser plates in pressing position, a hanger comprising two opposed portions adapted to hold the ends of trousers protruding from between said presser plates, means for removably connecting said hanger portions to said presser plates, said means including hooks carried by said presser portions, said hooks being off-set from the plane of said hanger portions, and stepped eyes carried by each of said presser plates adapted to receive said hooks.

2. In a trousers press, the combination of two opposed presser plates lined with absorbent material and adapted to contact with front crease portions of trousers placed therebetween, a spring clip pivotally connected to one of said presser plates and adapted to hold said presser plates in pressing position, a hanger comprising two opposed portions adapted to hold the ends of trousers protruding from between said presser plates, means for removably connecting said hanger portions to said presser plates, said means including hooks carried by said presser portions, said hooks being off-set from the plane of said hanger portions, stepped eyes carried by each of said presser plates adapted to receive said hooks, transverse grooves carried by said presser plates, and a hinged member of shorter length than said presser plates provided with integral arms adapted to be slidably received in said grooves.

Signed at Los Angeles, Calif., this 6th day of Sept., 1929.

CHARLES SWAN.