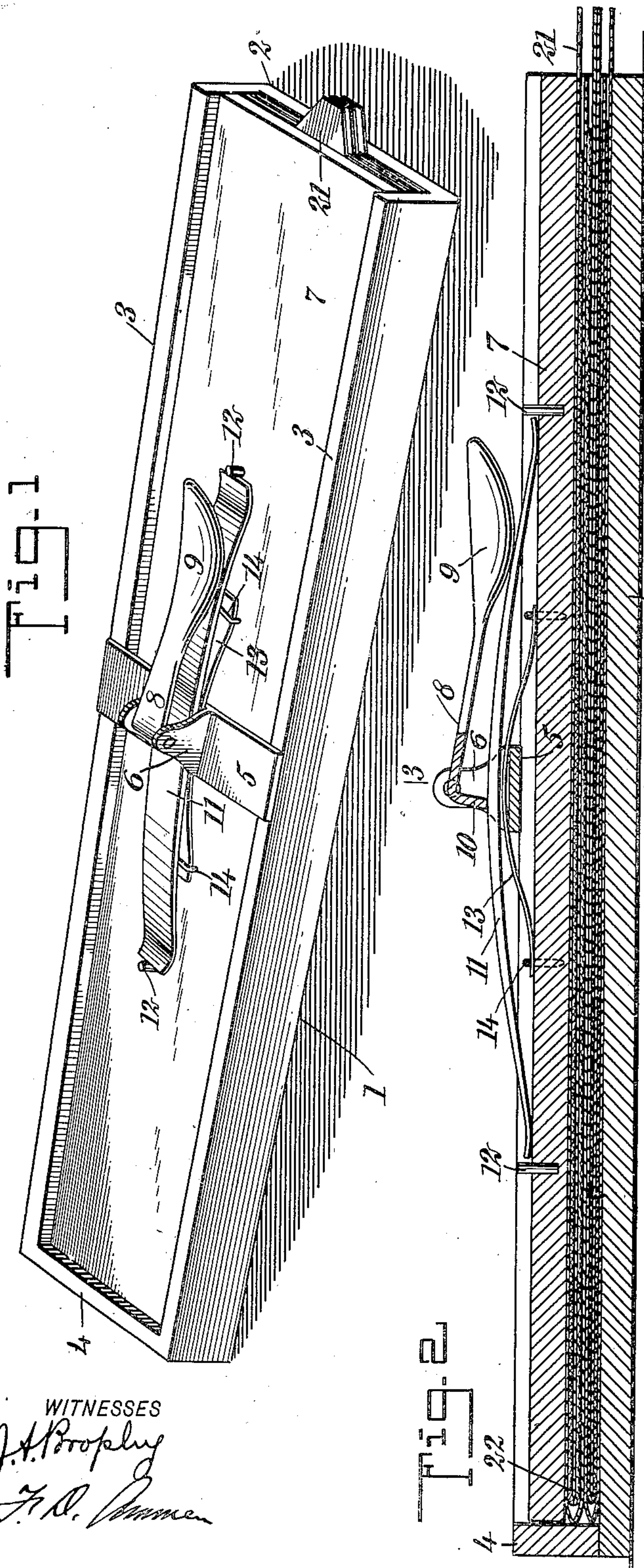


No. 884,283.

PATENTED APR. 7, 1908.

S. MILLER.
PRESS FOR NECKTIES.
APPLICATION FILED OCT. 1, 1907.



UNITED STATES PATENT OFFICE.

SIMON MILLER, OF NEW YORK, N. Y.

PRESS FOR NECKTIES.

No. 884,283.

Specification of Letters Patent.

Patented April 7, 1908.

Application filed October 1, 1907. Serial No. 395,343.

To all whom it may concern:

Be it known that I, SIMON MILLER, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Press for Neckties, of which the following is a full, clear, and exact description.

This invention relates to the care of wardrobe robes.

More specifically, the invention relates to a small hand press which is adapted to be used for holding neckties or cravats when not in use. The pressure exerted upon the neckties removes wrinkles and creases, and restores their original appearance.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective of the device; Fig. 2 is a longitudinal section through the device, and representing the same in the act of pressing two neckties; this section is taken on the line 2—2 of Fig. 3; Fig. 3 is a cross section on the line 3—3 of Fig. 2; and Fig. 4 is a perspective showing a portion of a tie holder, which is used for holding the ties when placed in the device.

Referring more particularly to the parts, 1 represents the body of the device, which is of elongated rectangular form, presenting a bottom 2, upwardly projecting side walls 3 and an end wall 4. The wall opposite the end wall 4 is omitted.

At substantially the middle point of the body or box 1, a cross bar 5 is attached to the upper edges of the side walls 3, and near the middle point of this cross bar, the same is provided with upwardly projecting ears 6, for a purpose which will presently appear. The box is provided with a cover 7, which is flat as shown, and which conforms to the inner dimensions of the box or body 1. Pivottally mounted between the ears 6 there is a clamping lever 8, which lever is formed with a handle 9 adapted to be grasped, and near its fulcrum is provided with a downwardly projecting toe 10.

A main spring 11 is provided, which is in the form of a slightly bent bow or leaf. This

spring extends across the bar 5, its depressed ends resting upon the upper side of the cover 7 as shown. This spring is held against accidental removal by studs 12 which project upwardly from the upper side of the cover near the ends of the spring as shown. When the lever 8 is forced downwardly into the position shown in Fig. 2, the toe 10 presses the middle point of the spring 11 so that great pressure is exerted at the ends of the spring upon the cover. In this way the cover is clamped upon the ties which are placed in the box, as will be readily understood.

I provide means for automatically raising the cover to an elevated position when the lever 8 is thrown into a vertical position. In this position of the lever, of course, the toe 10 will extend toward the right in a substantially horizontal position so as to permit the spring 11 to move upwardly. The means shown consists of a secondary or auxiliary bow spring 13 which has a form similar to the spring 11, but which is of very light construction. The middle portion of this spring passes across the bar 5, and its ends are bent downwardly and received on the upper face of the cover. Across the ends of this spring, staples 14 are provided, which are driven into the upper side of the cover, and these staples operate as guides when the ends of the spring slide on the cover when it is being raised or lowered.

With the construction described, it is evident that by forcing the handle downwardly, the cover can be clamped so that it will be pressed with great force downwardly by the spring 11, and when the handle is moved to its vertical position, the spring 13 tends to straighten out to raise the cover within the box. When the cover is raised in this manner, it permits the introduction of the ties at the open end of the body 1; that is, at the end opposite the end wall 4.

In order to facilitate the insertion and pressing of the ties in the device, I provide tie holders 15. Each of these tie holders consists of three elongated leaves 16, 17 and 18 which are connected together by a flexible or hinge connection 19 formed of suitable tape or similar material. The leaves are formed of stiff paper or similar material. The leaf 17 is intermediate of the leaves 16 and 18, and is cut away at its attached end so that a transverse slot or opening 20 is formed at the point of connection of the leaves.

In placing a tie in one of the holders, the end of the tie is drawn through the opening or slot 20 until the middle point of the tie lies at the slot, whereupon the leaves are 5 folded down upon the tie. In this way, one-half of the tie will be held between the leaves 17 and 18 and the other half between the leaves 16 and 17. The tie holder with the tie therein is then advanced into the device 10 from its open end, the end of the holder having the hinge connection being the end which is inserted. The outer ends of the holders are provided with tabs 21 which project from the end of the device when the holders 15 are placed in position, as indicated in Fig. 1. These tabs facilitate the withdrawal of the tie holders.

In Figs. 2 and 3, I have illustrated two of the holders 15 which enable two ties 22 to be 20 pressed in the device; there may be more of these holders if desired.

It will be evident that if a wrinkled tie is placed in the holder and in the device as described, the wrinkles will be removed by 25 the pressure if left over night, or for a sufficient length of time.

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

30 1. A device of the class described, having an elongated body with upwardly projecting sides and open at the end, a cover fitting between said sides and guided in its downward movement thereby, means for depressing 35 said cover to press the article received in said body, and elongated tie holders of stiff material adapted to be introduced under said cover from the open end of said body.

2. In a device of the class described, in 40 combination, an elongated body having a cross bar at an intermediate point on the length thereof, a cover for said body under said cross bar, a handle mounted in said cross bar and adapted to depress said cover 45 to clamp the same upon said body, and means for engaging said cover and tending to hold the same elevated.

3. A device of the class described, having

an elongated body with upwardly projecting 50 sides, a cover fitting between said sides and guided in a vertical direction between said sides, means for depressing said cover to press an article received in said body, and resilient means normally tending to raise 55 said cover.

4. A device of the class described having an elongated body and a cross bar, a lever mounted on said cross bar, and having a toe, a bow spring supported on said cross bar and extending longitudinally of said body, a 60 cover adapted to be pressed by said spring when actuated by said toe, and means for raising said cover when said spring is released from said toe.

5. In a device of the class described, in 65 combination, an elongated body having a cross bar, a lever pivotally mounted on said cross bar and having a toe, a main spring under said toe, a cover under said spring and adapted to be pressed by said spring when 70 said spring is engaged by said toe, and a second spring supported from said cross bar and engaging with said cover to raise the same when the pressure of said main spring is relieved. 75

6. In a device of the class described, in combination, an elongated body having upwardly projecting side walls, a cross bar supported on said side walls, a cover under said cross bar, a lever pivotally mounted on 80 said cross bar, a bow spring disposed transversely of said cross bar under said lever, said lever having a toe adapted to depress said spring to exert a pressure upon said cover, and a second spring disposed trans- 85 versely of said cross bar, said second spring having a sliding connection with said cover and affording means for raising the same when said main spring is released by said toe.

In testimony whereof I have signed my 90 name to this specification in the presence of two subscribing witnesses.

SIMON MILLER.

Witnesses:

HERMON ROSENBLUM,
JOSEPH ATEBROD.