

No. 823,891.

PATENTED JUNE 19, 1906.

K. NISHIMOTO.
TROUSERS HOLDER AND PRESSER.
APPLICATION FILED FEB. 9, 1906.

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Fig.1. *Fig.2.*

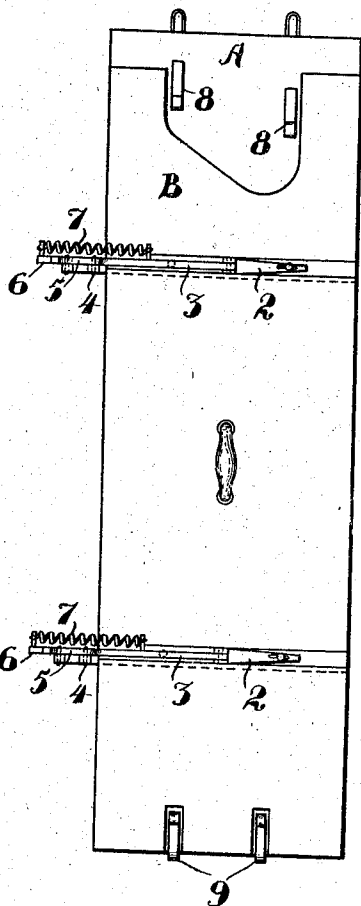


Fig.2.

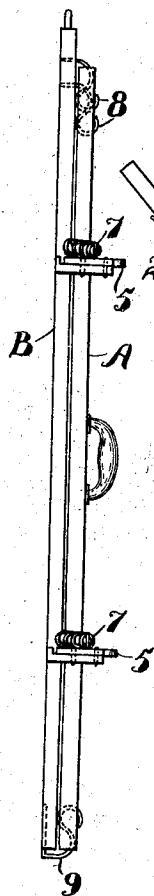


Fig. 3.

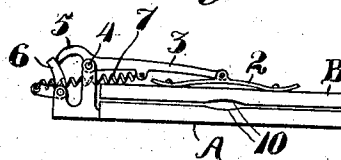
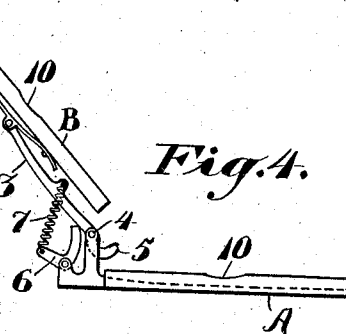


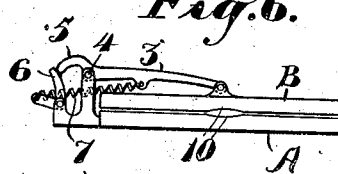
Fig.4.



LS *Fig. 5.*



Fig. 6.



Witnesses:-

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Inventor;

Inventor;
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UNITED STATES PATENT OFFICE.

KENZAEMON NISHIMOTO, OF SAN FRANCISCO, CALIFORNIA.

TROUSERS HOLDER AND PRESSER.

No. 823,891.

Specification of Letters Patent.

Patented June 19, 1906.

Application filed February 9, 1906. Serial No. 300,266.

To all whom it may concern:

Be it known that I, KENZAEMON NISHIMOTO, a citizen of Japan, residing in the city and county of San Francisco and State of California, have invented new and useful Improvements in Trousers Holders and Pressers, of which the following is a specification.

My invention relates to devices for holding, pressing, and creasing trousers.

It consists of the parts and the construction and the combination of parts as hereinafter more fully described and claimed, having reference to the accompanying drawings, in which—

Figure 1 is a plan view of the invention. Fig. 2 is a side edge view of same. Fig. 3 is an end view of same in closed position. Fig. 4 is an end view with the parts opened out. Fig. 5 is a detail of a removable spring-clip.

Fig. 6 shows a modification of the invention. A B represent two boards or plates of suitable size, shape, and material. The board A forms a base for the trousers to be laid on, and the board B is hinged to the board A and is foldable down upon the trousers to grip and press them in the desired manner.

The hinging of the parts A B and the means for pressing them together constitute the main features of the present invention. To the top of the movable part B are secured one or more leaf-springs 2 in such fashion as to have a limited sliding movement crosswise of the device. A lever 3 is pivoted at one end centrally to each spring 2 and is fulcrumed between its ends at 4 to a part rigid with the base A. The rear end of each lever 3 has a curved extension 5, which is adapted to be operated on cam fashion by the curved arm of a bell-crank lever 6. The other arm of lever 6 connects by a spring 7 with its lever 3 between fulcrum 4 and the point of connection of lever 3 with its spring 2 on board B. Under some circumstances the springs 2 may be omitted and the levers 3 attached direct to board B, as in Fig. 6.

Lever 6 is fulcrumed at its angle to a part rigid with the base A at a point below the line of spring 7, and the several levers are so proportioned that the spring and the bell-crank or cam lever 6 will exert a double leverage on lever 3 to press the board B down onto board A, for it will be observed that the spring will act to pull down on lever 3 on one side of its fulcrum after the manner of a lever of the third class, while the cam-lever 6

will act to push up on lever 3 on the other side of the fulcrum after the manner of a lever of the first class.

When the parts A B are opened out, as in Fig. 4, tension is entirely released on spring 7.

In operation the parts A B are opened to permit a pair of trousers to be laid out properly on board A with the waistband caught under the spring-clips 8 at one end of the board and the bottoms of the trousers caught by the removable spring-clips 9 or held by other suitable means at the other end of the board. The part B is then folded down onto the trousers, the cam-levers 6 and springs 7 acting automatically to press the part B constantly downward with sufficient pressure to effect the desired result. The board B may be cut out at the ends to accommodate the clips 8 9 and the bulky part of the trousers around the pockets, and, if desired, both boards may be longitudinally and centrally grooved, as at 10, to allow for the usual side seams of the trousers, and thus insure the proper pressing and creasing along the back and front of the trousers-legs.

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

1. A trousers-presser comprising a suitable support, a board hinged to move to and from the support and between which parts the trousers are held and pressed, means for pressing said board upon said support, said means including a lever-fulcrum between its ends and connected at one end to the board, and means for applying power simultaneously to both sides of the fulcrum of said lever.

2. A trousers-presser comprising a supporting-board, a board movable to and from said supporting-board, a lever pivoted to said movable board and fulcrumed to a part rigid with the base-board, and spring means acting on said lever to press the two parts together.

3. A trousers-presser comprising a supporting-board, a board movable to and from said supporting-board, a lever pivoted to said movable board and fulcrumed to a part rigid with the base-board, and spring means acting on the lever on both sides of its fulcrum to press the two parts together.

4. A trousers-presser comprising a base-presser member, a movable presser member, a lever connected with the movable presser member and fulcrumed between its ends, and

means operating on both sides of the fulcrum of the lever to press the two presser members together.

5 A trousers-presser comprising a stationary presser member, a movable presser member, a lever connected with the movable
10 presser member and fulcrumed between its ends, a bell-crank lever having a cam-shaped arm engaging the first-named lever on one
15 side of its fulcrum and a spring connected with the arm of the bell-crank lever and with the first-named lever on the opposite side of its fulcrum, said bell-crank lever and spring adapted to act simultaneously on said first-named lever to press the two presser members together.

6. A trousers-presser comprising a sup-

porting-board, means engaging the opposite ends of the trousers to hold the same in position on the board, a movable presser-board, transversely-extending leaf-springs carried by said movable presser-board, levers connected with said springs and fulcrumed between their ends, and means for applying power to said levers on both sides of their fulcrum to press the movable presser-board down upon the trousers.

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

KENZAEMON NISHIMOTO.

Witnesses:

S. H. NOURSE.

CHAS. E. TOWNSEND.