

K. VIETOR.
 DEVICE FOR TAKING OFF THE TROUSERS.
 APPLICATION FILED JAN. 12, 1907.

916,508.

Patented Mar. 30, 1909.

Fig. 1.

Fig. 2.

Fig. 3.

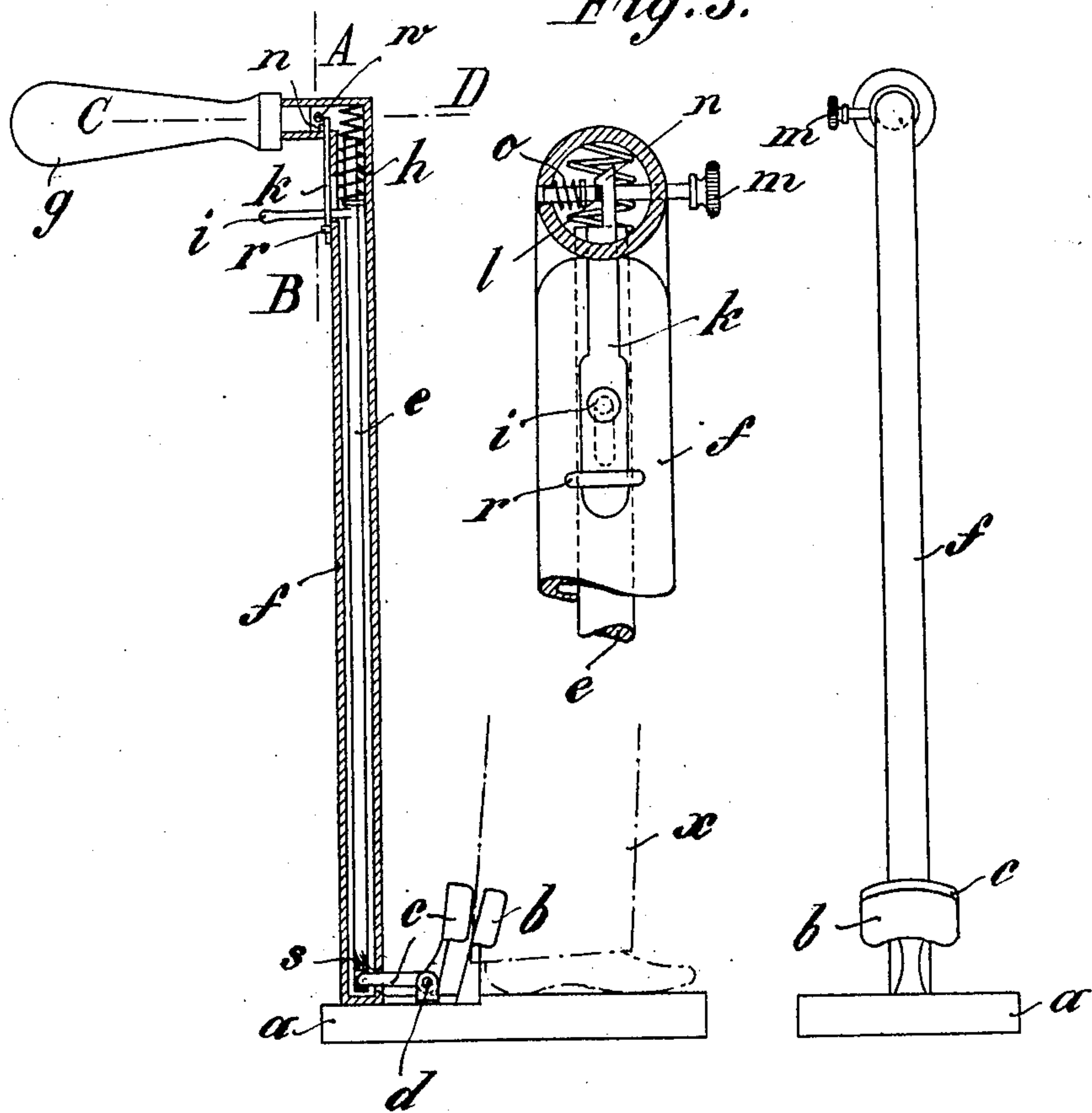
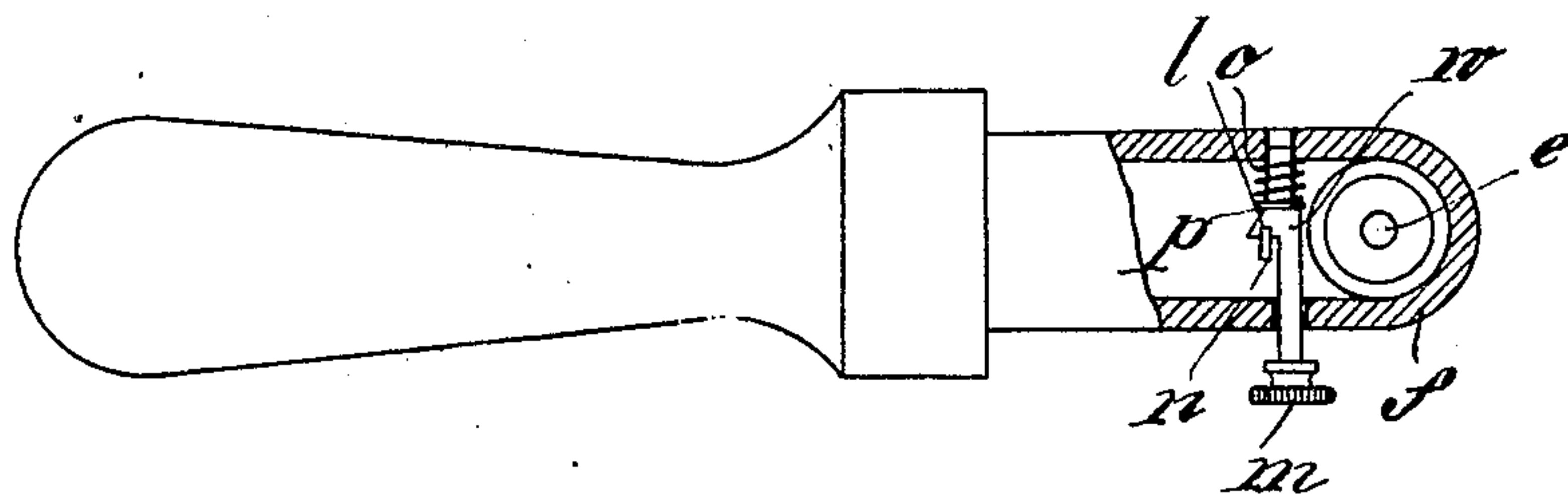


Fig. 4.



Witnesses:
 William Fickling
 Gustav Wenzel

Inventor:
 Karl Vietor

UNITED STATES PATENT OFFICE.

KARL VIETOR, OF NEUSTADT-ON-THE-MAIN-WESERBAHN, GERMANY.

DEVICE FOR TAKING OFF THE TROUSERS.

No. 916,508.

Specification of Letters Patent.

Patented March 30, 1909.

Application filed January 12, 1907. Serial No. 351,983.

To all whom it may concern:

Be it known that I, KARL VIETOR, master tailor, a subject of the King of Prussia and German Emperor, residing at Neustadt-on-the-Main-Weserbahn, in the Kingdom of Prussia and German Empire, have invented a certain new and useful Device for Taking Off the Trousers, of which the following is a specification.

The present invention refers to an arrangement for taking off one's trousers without having to stoop. It is thus chiefly intended for fat persons or those suffering from some illness, to whom it would be very hard if not altogether difficult to stoop.

In the accompanying drawing a mode of carrying out the present invention is exemplified, Figure 1 being a section, Fig. 2 a side view, Fig. 3 a section along A—B in Fig. 1, and Fig. 4 a section along C—D in Fig. 1.

On a base plate —a— made of wood or other suitable material a jaw —b— is provided, the upper portion of said jaw being concavo-convex in form with the concavity toward the center of the base. A bell crank lever —c— is pivotally arranged in bearings —d— on the base —a— and has a concavo-convex blade cooperating with the gripping jaw —b—. These gripping jaws —b—, —c— are covered with soft leather, felt or similar suitable material so as not to damage the trousers. A hollow post —f— is in known manner fastened to the base plate —a—. Inside the hollow post —f— moves a rod —e— carrying at right angles near the top a handle —i—, accessible from outside. This rod —e— is under action of a spiral spring —h—, which fills part of the right angle at the top of the hollow post. The rod —e— is hinged at its lower end to bell-crank —c—, the horizontal or slightly inclined arm of which moves up and down in a slot —s— in the hollow post —f—. On handle —i— is provided a guard —k—. Guard —k— has at its upper end a lug —n—. This lug —n— is hook-shaped and serves to hold rod —e— in its uppermost position. For this purpose there is provided a spring catch —w— horizontally movable in the part of hollow post —f—, which is bent horizontal. Catch —w— has a lug —l— and is movable from outside by pushing on knob —m—. The catch —m— is under action of a spiral spring —o— arranged around it between lug

—l— and the inner wall of the bent over part of the hollow post.

If the rod —e— is pulled upward by means of handle —i—, the leg of the trousers —x— shown by the dotted lines in Fig. 1 placed between jaws —b— and —c— is seized by the latter. At the same time lug —n— is moved upward, catches behind lug —l— and is held by the latter, so that the rod —e— cannot move downward. The trousers thus held between jaws —b— and —c— can now be easily taken off without any stooping being necessary.

To separate the jaws —b— and —c— and release the trousers it is only necessary to press knob —m— and to overcome for a short while the force of spring —o—. Lug —n— is released and under action of spring —h— rod —e— will move downward, so that jaw —c— is separated from the stationary jaw —b—.

Having now described my invention what I claim and desire to secure by Letters Patent of the United States is:

1. A trousers-jack consisting of a base-plate, provided with cooperating concavo-convex gripping jaws of which the one is hinged to said base, a hollow post bent over at the top at right angles, a movable rod in said post a spring pressing against the top end of said rod, the lower part of which rod is hinged to said hinged jaw a handle projecting from said rod a guard fitted to said handle and having a lug at its end and means for securing said guard, as described.

2. A trousers-jack consisting of a base-plate provided with cooperating concavo-convex gripping jaws, of which the one is hinged to said base, a hollow post bent over at the top at right angles, a movable rod in said post a spring pressing against the top end of said rod, the lower part of which rod is hinged to said hinged jaw a handle projecting from said rod a guard fitted to said handle and having a lug at its end, a catch arranged in the bent over part of the post and a spring pressing the catch against the guard, for the purpose described.

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

KARL VIETOR.

Witnesses:

JEAN GRUND,
CARL GRUND.