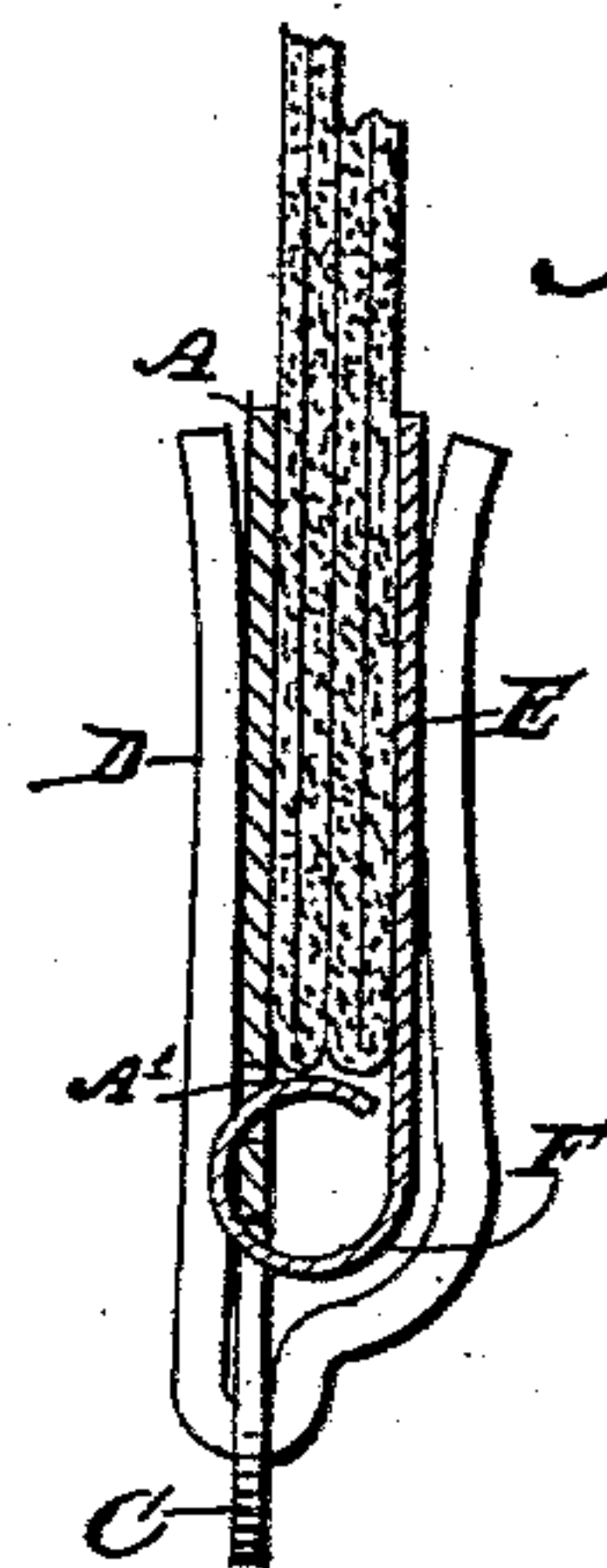
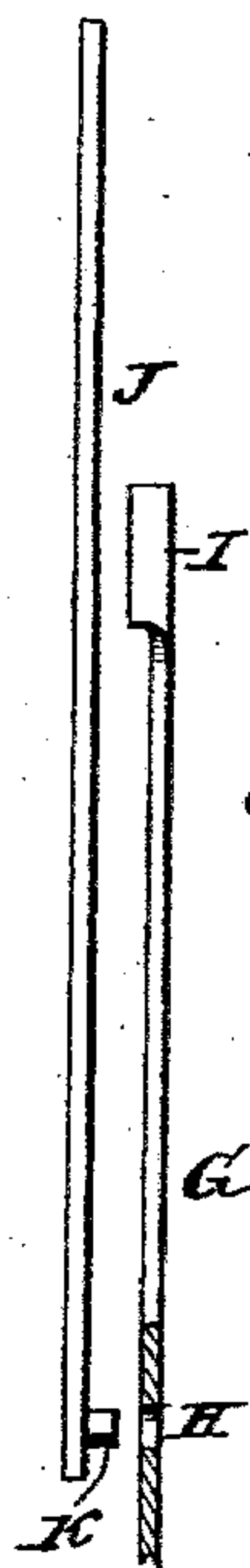
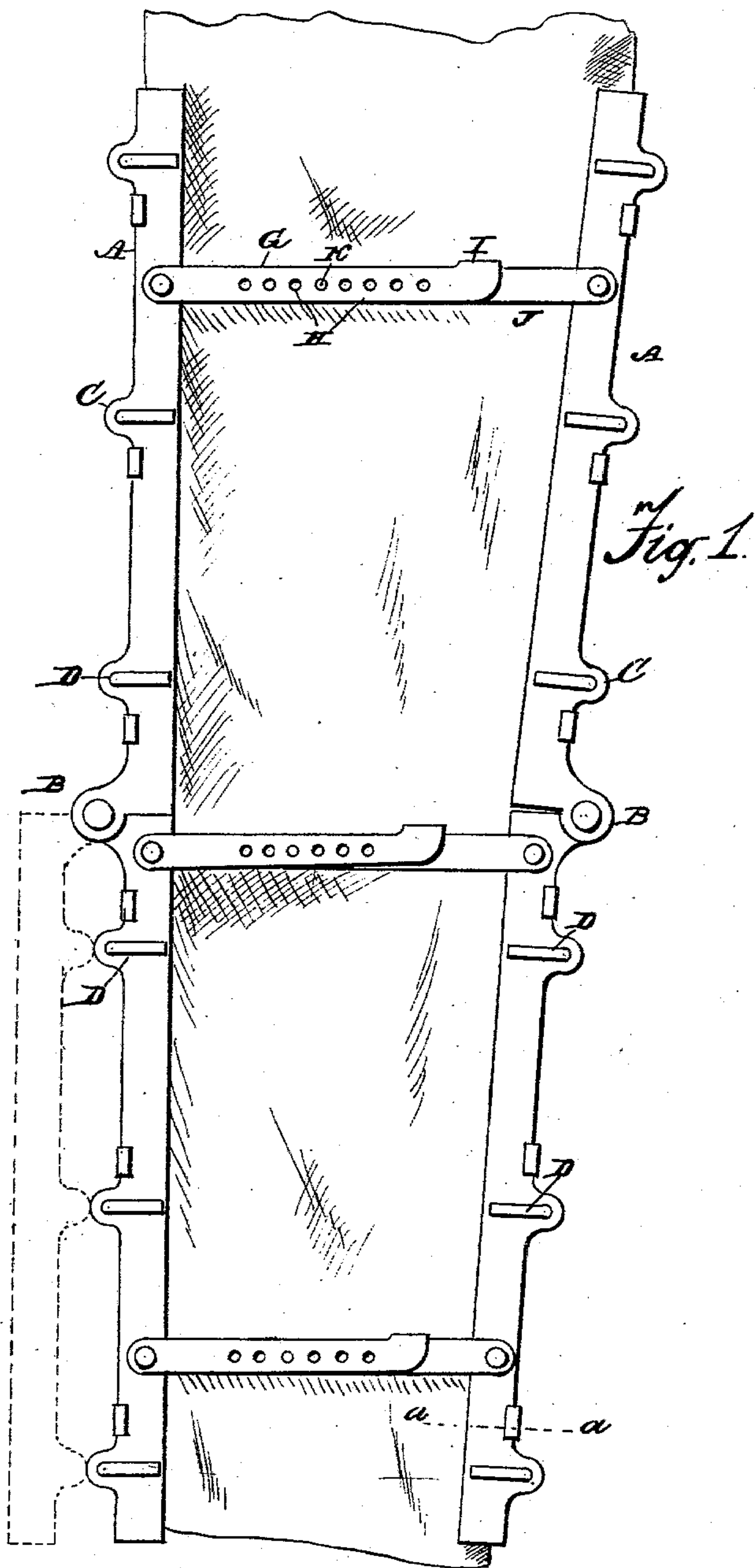


No. 753,182.

PATENTED FEB. 23, 1904.

H. TUTTLE.
TROUSERS STRETCHER.
APPLICATION FILED AUG. 18, 1903.

NO MODEL.



Attest.
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UNITED STATES PATENT OFFICE.

HOSMER TUTTLE, OF CEDAR RAPIDS, IOWA, ASSIGNOR TO S. C. WALTERS,
OF CHICAGO, ILLINOIS.

TROUSERS-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 753,182, dated February 23, 1904.

Application filed August 18, 1903. Serial No. 169,946. (No model.)

To all whom it may concern:

Be it known that I, HOSMER TUTTLE, a citizen of the United States, residing at Cedar Rapids, in the county of Linn and State of Iowa, have
5 invented certain new and useful Improvements in Trousers-Stretchers, of which the following is a specification.

This invention relates to devices for stretching and pressing the legs of trousers to remove
10 wrinkles and the unsightly bagginess at the knees; and the object of this invention is to produce a convenient and efficient stretcher especially adapted for the use of travelers, the construction being such that it may be folded
15 into small compass and stowed in a valise or trunk.

The nature of the invention will fully appear in the description and claims following, reference being had to the accompanying
20 drawings, in which—

Figure 1 is a side view of a stretcher embodying my invention as in use. Fig. 2 is a fragmentary edge view of the stretching-levers. Fig. 3 is an enlarged cross-section taken
25 on the line *a a*.

In the drawings, A A are wings or leaves, preferably of sheet-steel, a pair of which are hinged at B. These wing-plates are provided with lugs C, and in these are mounted forked
30 clips D, adapted to embrace the plate A and its companion plate E. The plate A is slotted at A', and in these slots is hinged the plate E by hinge-lugs F, as clearly shown in Fig. 2. To one pair of wings A is hinged a series of
35 levers G, perforated by a number of holes H and provided with a lateral stop-lug I at the free end. To the other pair of wings is similarly hinged a series of levers J, each provided with a lateral stud K adapted to enter
40 the holes H, the holes used in any case depending on the size of the trousers-leg.

The operation of the device is as follows: The device is laid on a table with the wings opened, the clips being of course turned outwardly. The two legs of the trousers are then
45 folded at the front and back and the front fold of both legs placed in position to be clamped

by one double pair of wings, which are folded over the fold of the garment and clamped in that position by turning the clips to the positions shown. The back folds of the trousers
50 are similarly clamped by the other set of wings. The levers are then successively interjointed at an angle, and when forced to the straight-line position shown the trousers are
55 subjected to a strong stretch in the direction of their width, which has the effect of removing wrinkles and straightening out the bag at the knees. This effect is enhanced if the garment is first dampened somewhat. It is to be
60 understood that the trousers are left in this position over night or for a longer period, as circumstances may require. It is to be noted, further, that the device not only stretches and
65 straightens the trousers-legs, but presses the fashionable fold at the front and back.

When not in use, the device may be disconnected and folded into small compass for carrying, as indicated by the dotted lines in Fig. 1.

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

1. A trousers-stretcher comprising two or more pairs of clamping wing-plates, hinged at the edges, bifurcated clips pivoted at one
75 end to one of each such pair of plates and adapted to press them tightly over the folded trousers-legs at the front and back, respectively, and toggle-levers connecting the front and back sets of wing-plates, substantially as
80 and for the purpose set forth.

2. A trousers-stretcher, comprising two or more pairs of clamping-wings, clips adapted to press them tightly over the folded trousers
85 at the front and back, respectively, and pairs of toggle-levers each pair consisting of a link provided with a lateral stud hinged to one pair of wings, and a link with a series of holes to receive said stud hinged to the opposite
90 pair of wings, substantially as and for the purpose set forth.

3. In a trousers-stretcher, the combination with suitable stretching-levers, of clamps for the front and rear folds of the trousers-legs,

each comprising a plurality of pairs of flat-wise-folding wing-plates, hinged also to fold endwise, and bifurcated clips pivoted at one end to one of each pair of wing-plates, adapted
5 to clamp each pair of wings tightly over the folded edges of the trousers-legs, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

HOSMER TUTTLE.

Witnesses:

J. M. ST. JOHN,
F. J. KUBICEK.