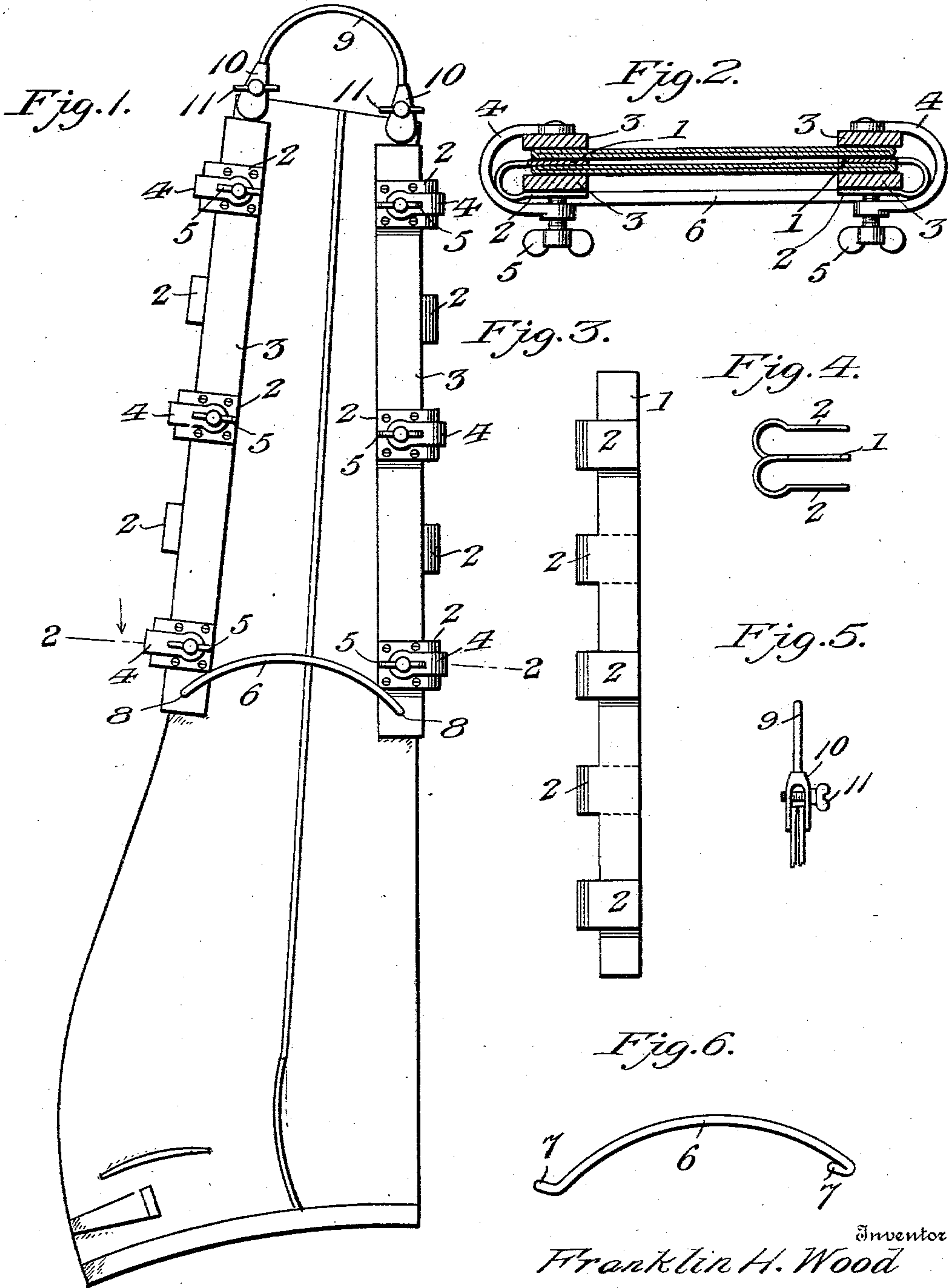


No. 743,788.

PATENTED NOV. 10, 1903.

F. H. WOOD.  
TROUSERS STRETCHER.  
APPLICATION FILED MAY 6, 1903.

NO MODEL.



Witnesses

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# UNITED STATES PATENT OFFICE.

FRANKLIN H. WOOD, OF WILKINSBURG, PENNSYLVANIA.

## TROUSERS-STRETCHER.

SPECIFICATION forming part of Letters Patent No. 743,788, dated November 10, 1903.

Application filed May 6, 1903. Serial No. 155,885. (No model.)

*To all whom it may concern:*

Be it known that I, FRANKLIN H. WOOD, a citizen of the United States, residing at Wilkinsburg, in the county of Allegheny and State of Pennsylvania, have invented new and useful Improvements in Trousers-Stretchers, of which the following is a specification.

My invention relates to new and useful improvements in devices for creasing and stretching trousers; and its object is to provide a simple device which may be readily placed in position and which is durable.

A further object is to provide a device which will not only crease the trousers, but will remove any fullness in the knees thereof.

With the above and other objects in view the invention consists in providing a longitudinally-extending strip having curved arms integral therewith and secured to a parallel strip. These arms serve to hold the outer parallel strips normally in contact with the intermediate strip, and therefore the trousers upon being placed between the strips will be pressed thereby and creased. Clamps may be arranged upon the arms, so as to bind the strips upon the trousers, and stretching means may also be employed for spreading the trousers-legs laterally.

The invention also consists in the further novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawings, showing the preferred form of my invention, and in which—

Figure 1 is an elevation showing my invention in position upon a pair of trousers. Fig. 2 is a section on line 2 2, Fig. 1. Fig. 3 is a detail view of one of the intermediate strips. Fig. 4 is an end elevation thereof. Fig. 5 is an end elevation of one of the lateral stretchers used in connection with the device, and Fig. 6 is a detail view of another form of stretcher employed in connection therewith.

Referring to the figures by numerals of reference, 1 is a preferably metallic strip having U-shaped arms 2 extending from opposite sides thereof alternately, and each set of arms is adapted to be secured to a preferably wooden strip 3, which extends longitudinally of and parallel to the strip 1. The arms 2 are formed of spring metal and serve

to hold the strips 3 normally in contact with the opposite sides of strip 1, and in order to crease the trousers the strips 3 are sprung away from the intermediate strip 1 and the legs of the trousers inserted between said strips, as illustrated in Fig. 2. Two sets of strips are employed for forming the two creases in each trousers-leg, and, if desired, a yoke 4 may be fastened to one of the strips 3 and provided with a set-screw 5, adapted to bear upon the other strip, and thereby aid the spring-arms 2 in clamping the strips 3 upon the trousers.

In order to stretch the trousers laterally, I provide a bow-spring 6, the ends of which are hooked, as shown at 7, and extend into apertures 8, formed in the inner ends of the strips 3. This spring tends to force the two sets of strips away from each other, and therefore the upper portions of the trousers-legs will be stretched laterally. In order to stretch the lower ends of the trousers-legs, I provide a bow-spring 9, having a fork 10 at each end, within which is arranged a clamping-screw 11. The forks 10 are adapted to be placed over the ends of the trousers-legs near each crease therein, and by means of the screws 11 these forks are clamped upon the trousers. It will of course be understood that the spring 9 will tend to stretch the lower ends of the trousers-legs laterally.

By means of the device herein described the crease in a pair of trousers may be preserved without the necessity of pressing them.

The device is extremely simple and compact in construction and can be readily attached to a pair of trousers.

In the foregoing description I have shown the preferred form of my invention; but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing any of the advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of my invention.

Having thus described the invention, what is claimed as new is—

1. In a device of the character described, the combination with intermediate strips having integral arms, and parallel strips connected to the arms of each of the intermediate



strips; of bow-springs interposed between and connected to each set of parallel strips.

2. In a device of the character described, the combination with intermediate strips having U-shaped alternating integral arms and parallel strips connected to the arms of each of the intermediate strips; of bow-springs interposed between and connected to each of said parallel arms.

3. In a device of the character described, the combination with intermediate strips having integral arms, parallel strips connected to the arms of the intermediate strips, yokes on the arms having set-screws adapted to bear upon the parallel strips; of a spring in-

terposed between and connected to the parallel strips.

4. A device of the character described comprising intermediate strips having integral arms, parallel strips having apertures in their ends, connected to the arms, and a spring having hooks on its ends, said hooks being adapted to engage the apertures of the parallel strips.

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

FRANKLIN H. WOOD.

Witnesses:

C. W. MARTIN,

J. B. FREASE.