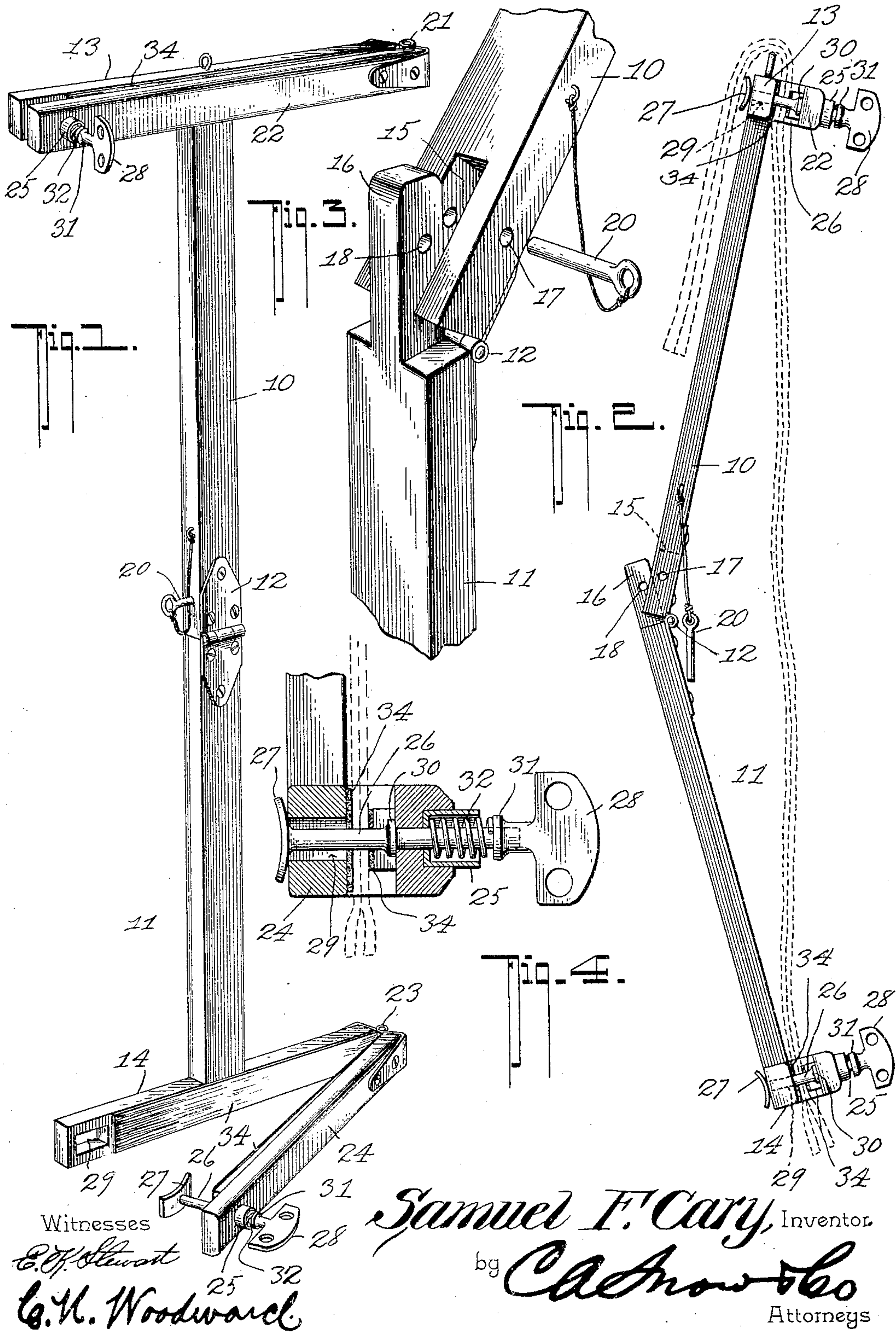


No. 803,808.

PATENTED NOV. 7, 1905.

S. F. CARY.  
PANTALOONS STRETCHER.  
APPLICATION FILED JAN. 31, 1905.





# UNITED STATES PATENT OFFICE.

SAMUEL FREDERICK CARY, OF MOUNT VERNON, OHIO.

## PANTALOONS-STRETCHER.

No. 803,808.

Specification of Letters Patent.

Patented Nov. 7, 1905.

Application filed January 31, 1905. Serial No. 243,535.

*To all whom it may concern:*

Be it known that I, SAMUEL FREDERICK CARY, a citizen of the United States, residing at Mount Vernon, in the county of Knox and State of Ohio, have invented a new and useful  
5 Pantaloons-Stretcher, of which the following is a specification.

This invention relates to improved stretchers for pantaloons, and has for its object to  
10 simplify and improve the construction and increase the utility and efficiency of devices of this character.

With these and other objects in view, which will appear as the nature of the invention is  
15 better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred  
20 form of embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not  
25 necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings, Figure 1 is a perspective view of the improved device with the standard extended. Fig. 2 is a side elevation of the  
30 same with the standard distended. Fig. 3 is an enlarged detail perspective view of the standard-joint. Fig. 4 is an enlarged sectional detail of the coupling mechanism of the clamp  
35 members.

The improved device comprises a standard formed in two parts 10 11, united intermediately by a hinge 12 and provided at the ends  
40 with clamp members 13 14, rigidly connected thereto. The standard member 10 is provided with a slot or recess 15 next the hinge 12, and the standard member 11 is provided with a  
45 tongue 16 for entering the cavity when the parts 10 11 are disposed in longitudinal alinement, as in Fig. 1. The member 10 is provided with transverse apertures 17, extending through the recess 15, and the tongue 16 is  
50 provided with an aperture 18 for registration with the apertures 17 when the parts 10 11 are in closed position, as in Fig. 1, the apertures to receive a locking-pin 20 to complete the rigid coupling of the parts, as will be obvious.  
55 Hinged at 21 to the rigid coupling member 13

is a movable coupling member 22, and hinged at 23 to the rigid coupling member 14 is a movable coupling member 24.

The free ends of the movable clamping members 22 24 are provided with detaching coupling means, whereby they may be connected  
60 to the rigid members 13 14, and as these coupling means are duplicates the same reference characters are used for like parts in each.

The coupling means comprise sockets 25 in  
65 the outer sides of the members 22 24 at their free ends, through which clamp-bolts 26 pass, the clamp-bolts each having a lateral foot 27 at one end and a handle 28 at the other end, the lateral foot for passing through elongated  
70 apertures 29 in the adjacent portions of the rigid members 13 14.

The bolts 26 are each provided with spaced shoulders 30 31 and with a spring 32 between the outer shoulder and seated in the socket  
75 25 and exerting its force to maintain the bolt yieldably in outward position. By this simple means the members 13 and 22 and the members 14 and 24 may be quickly coupled  
80 by rotating the bolts 26 by their handles 28 until the feet 27 are lengthwise of the apertures 29, when they will readily pass there-through, and then by turning the bolts until the feet are transversely of the members 13  
85 14 the coupling is complete. The springs 32 permit a certain degree of yieldableness between the parts, as will be obvious.

The adjacent faces of the members 13 14 and 14 24 are preferably lined with felt or  
90 other flexible material, as at 34, to increase the "grip" and prevent injury to the fabric of the garments held between them.

The members 13 22 will preferably be longer than the members 14 24 to correspond to the  
95 difference in width between the upper and lower portions of the pantaloons.

When a pair of pantaloons is to be stretched, the pin 20 is removed to permit the parts 10  
100 11 to be "buckled" or disposed in the position illustrated in Fig. 2. The lower portions of the garment are then clamped between the shorter members 14 24 by the clamp-bolt, as before described, and the upper portion clamped between the members 13 22 in the  
105 same manner and stretched to a certain extent. The members 10 11 are then forced into a longitudinally-alined position and the pin 20 again inserted in the apertures, this action exerting a very strong stretching force upon the garment, as will be obvious.  
110



The device is simple in construction, can be inexpensively manufactured, and operate effectually for the purposes described.

Having thus described the invention, what is claimed is—

1. In a pantaloons-stretcher, a standard in two portions hinged at their adjacent ends, means for detachably locking said standard portions in longitudinal alinement, clamp members rigidly connected to the free ends of said standard portions and provided with elongated apertures at one end, movable clamp members hinged to the opposite ends of the rigid clamp members, and clamp-bolts movably supported in the free ends of said movable clamp members and provided with laterally-extending terminals for passing through said elongated apertures when the clamp members are closed.

2. In a pantaloons-stretcher, a standard in two portions hinged at their adjacent ends, means for detachably locking said standard portions in longitudinal alinement, clamp members rigidly connected to the free ends of said standard portions and provided with elongated apertures at one end, movable clamp members hinged to the opposite ends of the rigid clamp members, clamp-bolts movably supported in the free ends of said movable clamp members and provided with laterally-

extending terminals for passing through said elongated apertures when the clamp members are closed, and springs supporting said bolts yieldably in extended position.

3. In a pantaloons-stretcher, a standard in two portions hinged at their adjacent ends, means for detachably locking said standard portions in longitudinal alinement, clamp members rigidly connected to the free ends of said standard portions and provided with elongated apertures at one end, movable clamp members hinged to the opposite ends of the rigid clamp members, sockets at the free ends of said movable clamp members, clamp-bolts passing through said movable clamp members and the sockets disposed thereon and provided with spaced shoulders upon opposite sides of said movable clamp members and of said sockets and provided with transversely-extending feet at one end for passing through said elongated apertures in said rigid clamp members, and springs seated in said sockets and bearing against the adjacent shoulder on said bolt.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

SAMUEL FREDERICK CARY.

Witnesses:

W. E. GRANT,

J. A. SCHAEFFER.