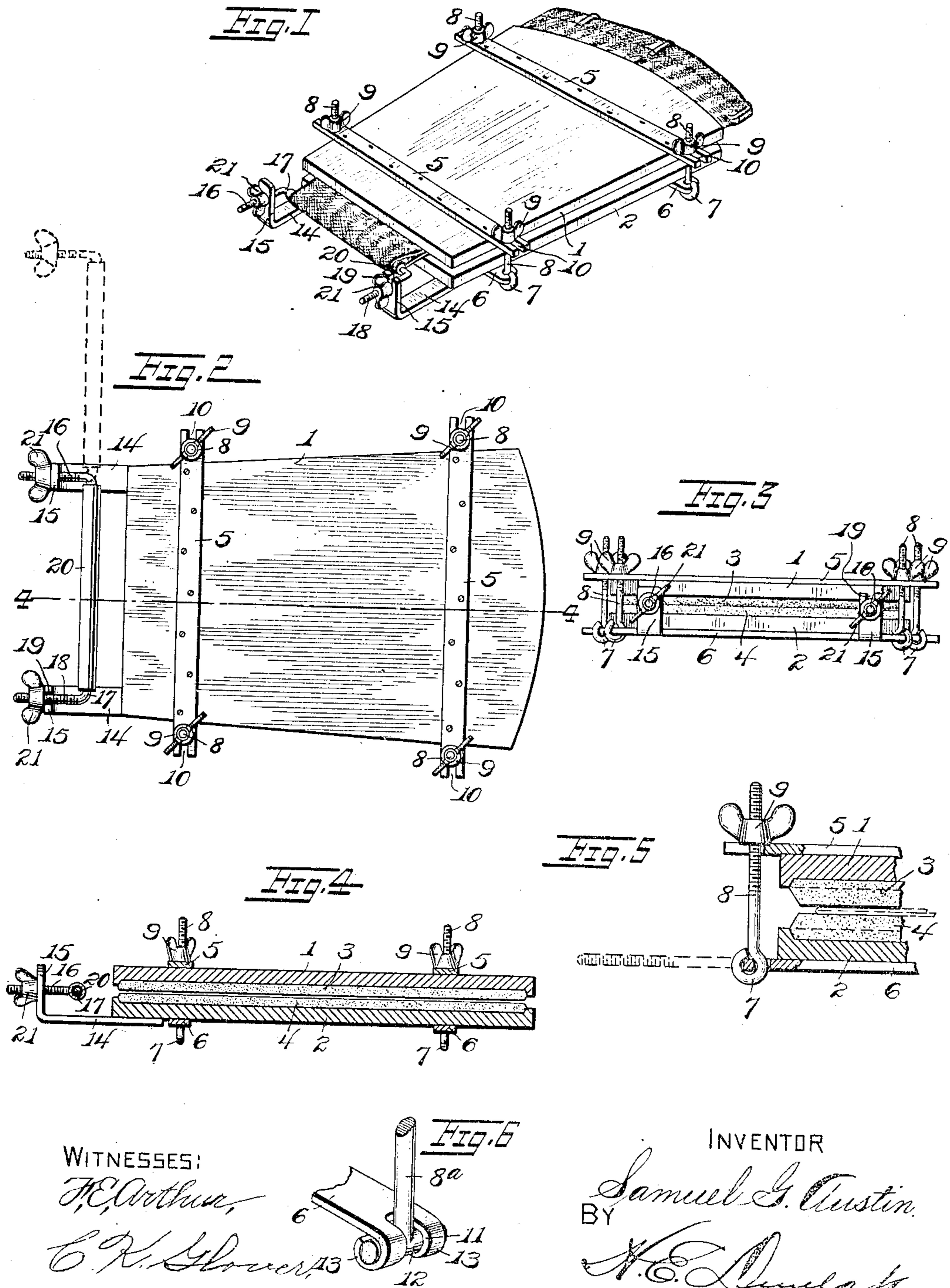


S. G. AUSTIN.
COMBINED PANTS STRETCHER AND PRESSER.
APPLICATION FILED SEPT. 10, 1908.

927,630.

Patented July 13, 1909.



UNITED STATES PATENT OFFICE.

SAMUEL G. AUSTIN, OF WHEELING, WEST VIRGINIA.

COMBINED PANTS STRETCHER AND PRESSER.

No. 927,630.

Specification of Letters Patent.

Patented July 13, 1909

Application filed September 10, 1908. Serial No. 452,475.

To all whom it may concern:

Be it known that I, SAMUEL G. AUSTIN, a citizen of the United States of America, and resident of Wheeling, county of Ohio, and State of West Virginia, have invented certain new and useful Improvements in Combined Pants Stretchers and Pressers, of which the following is a specification.

This invention relates to improvements in pants stretchers, and more especially to a combined pants stretcher and presser; and it consists in the particular construction, arrangement and combination of parts which will hereinafter be fully described.

The primary object of the invention is to provide an efficient device or apparatus for pressing and stretching trousers which is extremely simple, inexpensive, strong and durable in its construction.

In describing the invention in detail, reference is herein had to the accompanying drawing, forming a part of this specification, in which—

Figure 1 is a perspective view of the invention, illustrating the application thereof; Fig. 2 is a top plan view of the invention; Fig. 3 is a front end view of the same; Fig. 4 is a longitudinal section on the line 4—4, Fig. 2; Fig. 5 is an enlarged detail section, illustrating the binding means; and Fig. 6 is a detail perspective view, illustrating a modified formation of said binding means.

Referring to said drawing, in which like designating characters distinguish like parts throughout the several views—1 and 2 respectively indicate similarly-shaped top and bottom presser-boards which preferably have their adjacent faces padded, as shown at 3 and 4. Mounted upon the upper face of the top board 1 is a plurality of transverse straps 5, preferably of metal, whose ends project outward beyond the lateral edges of said board, and mounted upon the under face of the bottom board 2 is a plurality of transverse straps 6 whose outer ends similarly project beyond the lateral edges of said bottom board, the straps 5 and 6 being arranged in oppositely-disposed or vertically-alined pairs, as shown.

In the projecting end of each of the straps 6 is a hole or eye in which is loosely held the closed-hook end 7 of a binding-bolt 8 whose free end is threaded and bears thereon a wing-nut 9. Said bolts are adapted to stand upright with their upper ends in open slots

10 provided in the ends of the straps 5, and to have the wing-nuts 9 threaded or screwed downward into impinging relation with said strap 5 for exerting pressure upon an interposed pair of trousers. As is obvious, when it is desired to remove the trousers, the wing nuts have only to be loosened, when the bolts may be swung outward from the slots 10, leaving the top board free for removal.

Instead of the binding means just described, the following described means, illustrated in Fig. 6, may be employed: The outer end of each of the straps 6 is provided with a short longitudinal slot 11 through which the stem 8^a of a binding-bolt, having a cross-head 12 of cylindrical shape, is projected, and said outer end of the strap is turned under, as shown at 13, for loosely holding said cross-head. As is clearly apparent, the bolt may be readily swung outward from, and back to, vertical position as occasion requires.

Fixed in any appropriate manner to the bottom board 2 at its front end are two forwardly directed arms 14 having upright terminals 15, one of which has therein a hole or aperture through which is projected the threaded forwardly-directed end 16 of a transverse rod 17 whose opposite forwardly-directed end 18 lies in an open slot 19 provided in the other terminal 15. The rod 17 preferably has an anti-friction roller 20 mounted thereon and stands on a horizontal plane with the adjacent or meeting padded faces of the top and bottom boards 1 and 2. Wing-nuts 21 mounted on the threaded ends 16 and 18 against the outer faces of the terminals 15 are adapted to be manipulated for adjusting the position of the rod 17 with relation to said boards.

In practice, the upper or waist portion of the trousers to be pressed and stretched is laid in position upon the padded face 4 of the bottom board 2, allowing the legs to hang over the front end thereof. Then, swinging the rod 17 over from the position shown in dotted lines in Fig. 2, its end 18 is dropped into the slot 19, and the legs are then folded up around the anti-friction roller 20 and are laid upon the upper portion so that their lower ends reach to a point approximately under that at which the rearmost strap 5 is located. The binding-bolts which cooperate with said rearmost strap are then swung into place, and the wing-nuts 9 carried thereby are screwed down to cause the rear ends of the

boards to bind upon the ends of the trousers, the front ends of the boards being allowed, for the time being, to remain loose. Then, by screwing the nuts 21 along the threaded ends 16 and 18, the rod 17 is drawn forward, effectually stretching the trousers; and when sufficient tension has been exerted upon the latter, the bolts 8 carried adjacent the front end of the device are swung into their slots and the nuts carried thereby are screwed downward to bring the desired pressure to bear upon the stretched trousers.

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

1. In a trousers stretcher, a pair of presser-boards, means for adjusting said boards into coöperative pressing relation, a pair of straps carried by the lower board at one end thereof, said straps having upright terminals, a transverse rod having forwardly-directed threaded arms adjustably mounted in said terminals, and adjusting nuts mounted on said arms against the outer face of said ter-

minals whereby said rod may be adjusted with relation to said boards. 25

2. In a trousers stretcher, a pair of presser-boards, means for adjusting said boards in coöperative pressing relation, a pair of straps carried by the lowermost board at one end thereof, upright terminals carried by said straps, one terminal having an aperture therethrough and the other having a slot therein, a rod having its ends extended at right angles to the body thereof and mounted with one end projected outward through the aperture and the other through said slot, an anti-friction roller carried by said rod, and adjusting nuts carried by the ends of said rod against the outer faces of said terminals whereby the body of said rod may be adjusted with relation to said presser-boards. 30 35 40

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

SAMUEL G. AUSTIN.

Witnesses:

EARLE A. LEUKORD,
H. E. DUNLAP.