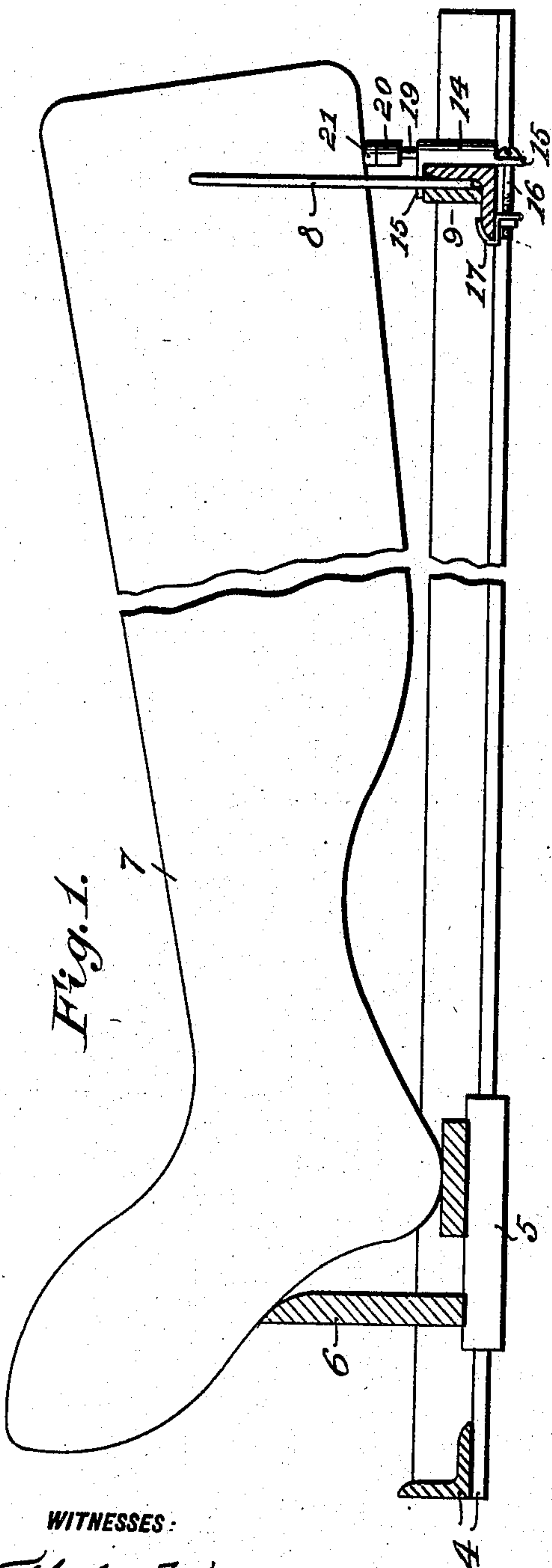


No. 885,728.

PATENTED APR. 28, 1908.

J. J. CRIMLISK.  
CUSHIONING PROTECTOR FOR HOSIERY DRYING BOARDS.  
APPLICATION FILED DEC. 13, 1907.



WITNESSES:

Wilhelm Vogt  
Thomas M. Smith

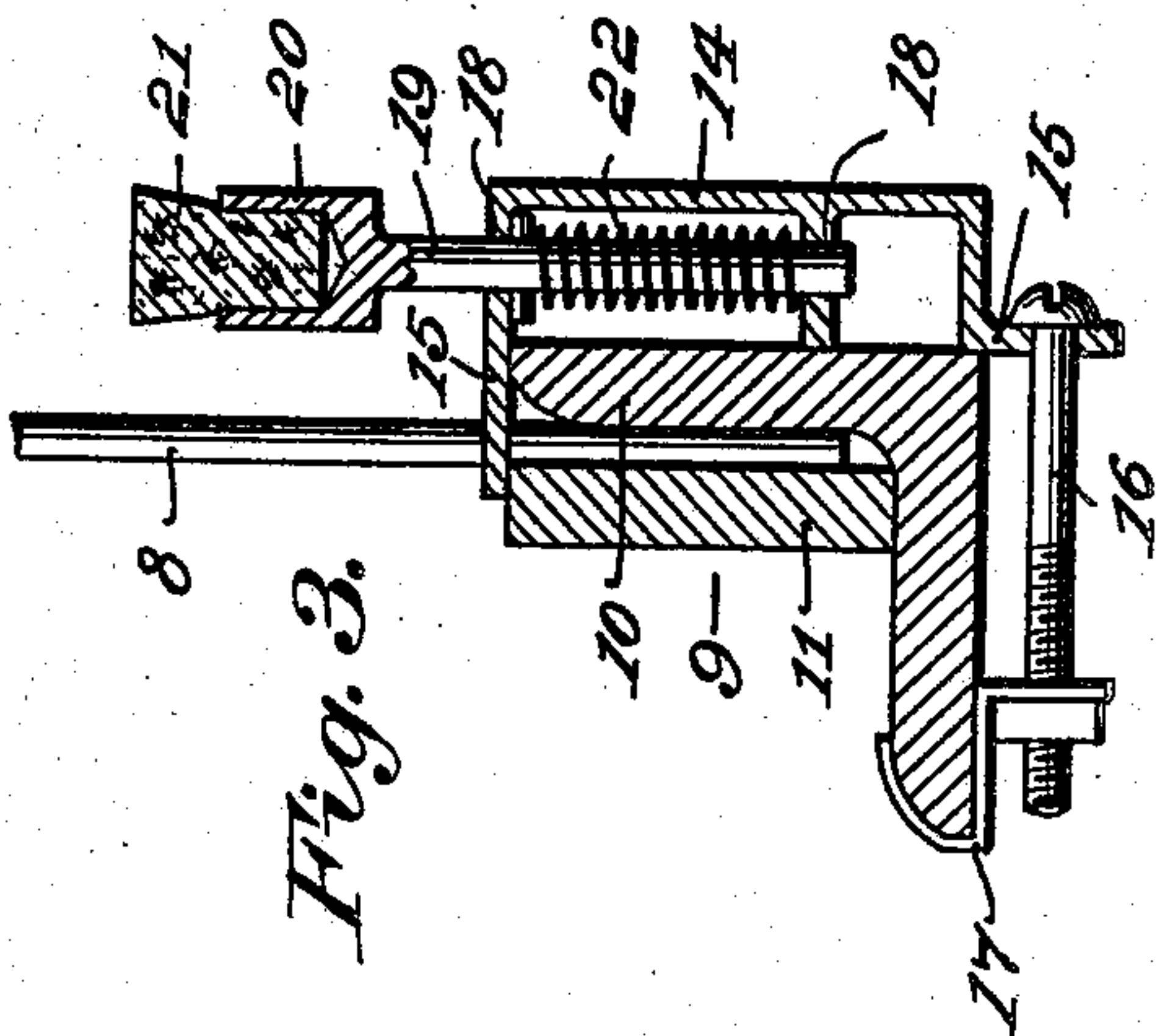
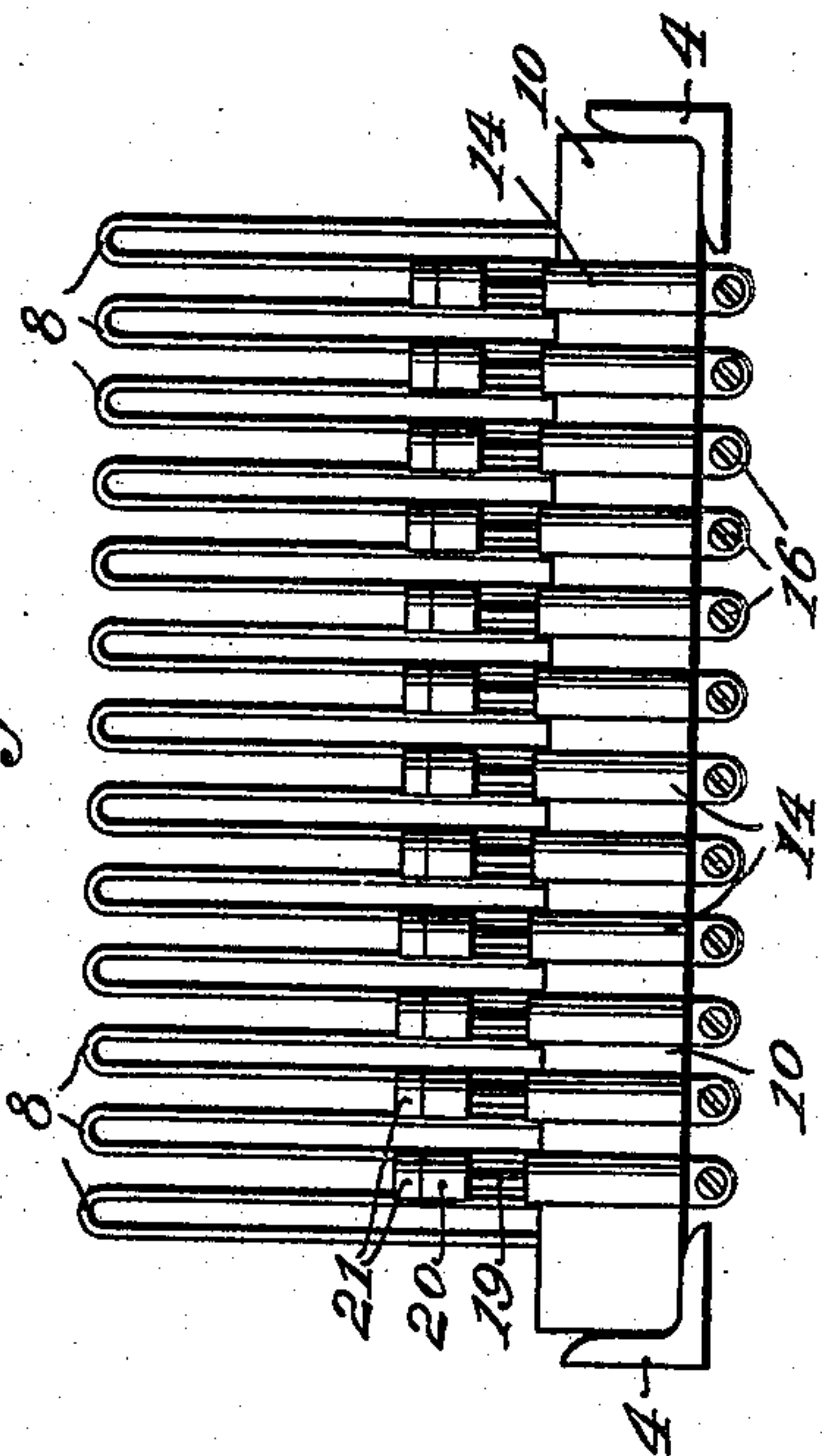


Fig. 2.



INVENTOR  
J. J. Crimlisk  
BY  
J. Walter Douglas  
ATTORNEY.



# UNITED STATES PATENT OFFICE.

JAMES J. CRIMLISK, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO LOUIS DELPINO, OF PHILADELPHIA, PENNSYLVANIA.

## CUSHIONING-PROTECTOR FOR HOSIERY-DRYING BOARDS.

No. 885,728.

Specification of Letters Patent.

Patented April 28, 1908.

Application filed December 13, 1907. Serial No. 406,290.

*To all whom it may concern:*

Be it known that I, JAMES J. CRIMLISK, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Cushioning-Protectors for Hosiery-Drying Boards, of which the following is a specification.

My invention has relation to the provision of a hosiery frame or drawer with cushioning devices to protect the adjustably supported hosiery mounted on forms in such a frame or drawer during the drying of hosiery and against marring of the hosiery forms as well as supported hose through carelessness or otherwise of labor in handling such appliances in drying machines.

The principal object of my present invention is to provide cushioning protector devices for the frame or drawers used for supporting hosiery containing forms in drying machines and generally termed "hosiery boards" and which hosiery containing forms are adapted in their series arrangement in such boards to support extremital portions of the hosiery containing forms against undue wear or splintering of the forms calculated in time to render unfit for use the forms as well as to tear or rip the hosiery in removing from the forms.

My invention stated in general terms, consists of a cushioning protector device for hosiery boards constructed and arranged in substantially the manner hereinafter described and claimed.

The nature and characteristic features of my invention will be more fully understood from the following description taken in connection with the accompanying drawings forming part hereof, in which

Figure 1, is a side elevational view, partly in section, of a hosiery drying machine board, with a hosiery containing form supported therein and resting at one extremital portion thereof upon a cushioning protector device of my present invention in application to such board and embodying main features thereof: Fig. 2 is an end elevational view of the skeleton frame or drawer constituting the hosiery board with the divisions or wires between which the hosiery containing forms are inserted and in front thereof the series of spring controlled cushioning spindle protectors for engaging against shock of the said extremital

portions of such supported forms in the hosiery board; and Fig. 3, is an enlarged view, partly in elevation and partly in vertical section of one of the spring controlled cushioning devices for a hosiery board, showing preferred detailed constructive arrangement thereof.

Referring to the drawings, 4 is the skeleton frame constituting the hosiery board for use in a drying machine for shrinking, shaping and drying hosiery upon wooden or other material forms placed on such boards, as clearly illustrated in Fig. 1, and of thereafter permitting the removal of the hosiery in a thoroughly dried condition upon said forms from the same.

5 is a sliding means connected with the left hand portion of the board 4, having a vertical support 6, for engaging the foot portion of the hosiery containing form 7, therewith.

8 is a series of rods or hook-like wires inserted in a holder 9, consisting as shown in Fig. 3, of an angle iron 10, upon which is located a flat transverse bar 11, arranged to form a receptacle 12, to support the rods or hook-like wires 8, rigidly in vertical position at suitable distances apart, as divisions, for example, as clearly illustrated in Fig. 2, so that between the same, the hosiery containing forms 7, can be mounted in a manner similar to that illustrated in Fig. 1.

In front of the board 4, as above explained representing one of the most up to date type of boards used for the defined purposes is shown in application thereto, the cushioning spring controlled protector device of my present invention, consisting as shown of a box-shape bracket 14, the extensions 15, of which bear upon the holder 9, and through which the rods or wires 8, extend vertically. The lower portion of the bracket 14, is offset at 15, to receive a tightening screw 16, passing therethrough and through a clamp 17, snugly fitting the base of the angle iron 10, of the holder 9, as clearly shown in Figs. 1 and 3. Spindles 19, extend vertically through the perforations 18, of the bracket 14, and are provided with cups 20, to receive cork or other yielding buffers 21. Around each of the spindles 19, within the box-shape brackets 14, are mounted coiled springs 22, arranged so as to hold said spindles under tension in said defined vertical position and so that as the hosiery containing forms are



dropped into position on the boards 4, the right hand extremital portion thereof will engage the cork or other yielding buffers 21, of the protector device, without shock or of the marring of the forms by careless inserting of the forms 7, upon such boards 4, of a drying machine, in effecting not only shrinking and shaping of the hosiery contained thereon, but also proper drying out thereof. Hitherto in the use of such forms upon hosiery boards, as constructed in a short time by dropping of them to position on the boards splintering particularly of the edges took place as well as ripping or tearing of the hosiery thereon, and thus such forms were soon rendered unfit for use and also the hosiery unsalable. Just such objectionable conditions as explained are fully avoided by this invention in a most effective manner as hereinbefore explained, because it matters not how severe the blows given to the forms, in dropping to position between the rods or wires 8, of the board 4, the extremital portion of the forms in dropping contact with the cork or yielding buffers 21, and the spindles 29 thereof, being under spring tension lessens materially the blow given thereto aided by the buffers 21, of the protector device.

It will be obvious to those skilled in the art to which my invention appertains that as to the detailed constructive arrangement of the protector changes may be made and still such be within the scope of the invention and hence I do not wish to be understood as limiting myself to the precise arrangement thereof, as illustrated and described.

Having thus described the nature and object of my invention what I claim as new and desire to secure by Letters Patent is:—

The combination with a hosiery board having vertical rods or wires at one extremital portion arranged so as to form guide openings therefor, vertical spring positioned spindles arranged to register with the openings between the rods or wires and said spindles provided with receptacles to receive yielding buffers with which engage the hosiery boards in position, substantially as and for the purposes described.

In witness whereof, I have hereunto set my signature in the presence of two subscribing witnesses.

JAMES J. CRIMLISK.

Witnesses:

J. WALTER DOUGLASS,  
THOMAS M. SMITH.