

R. W. GLASS.
CLOTHES CLAMP.
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945,451.

Patented Jan. 4, 1910.

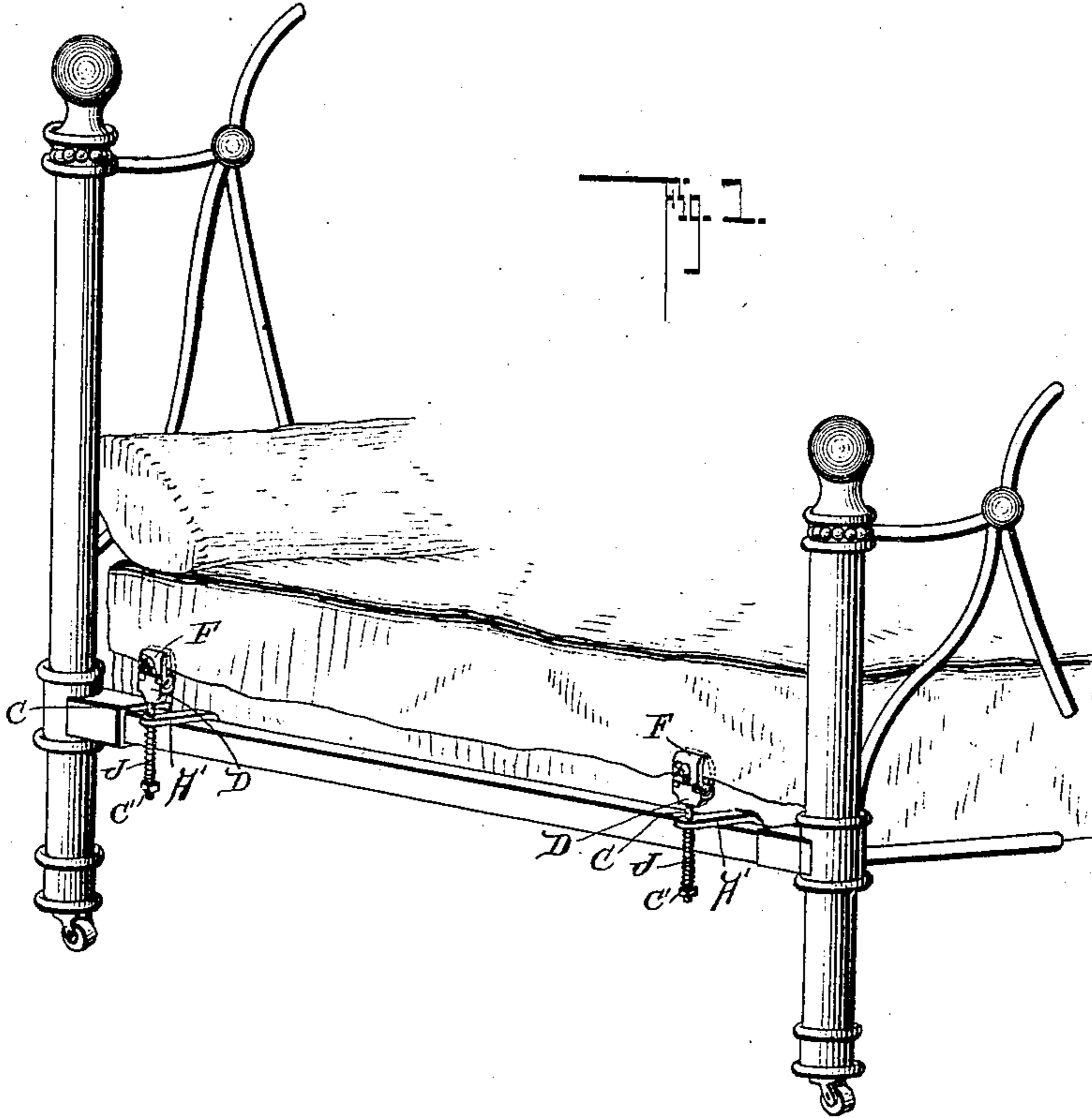


Fig. 2

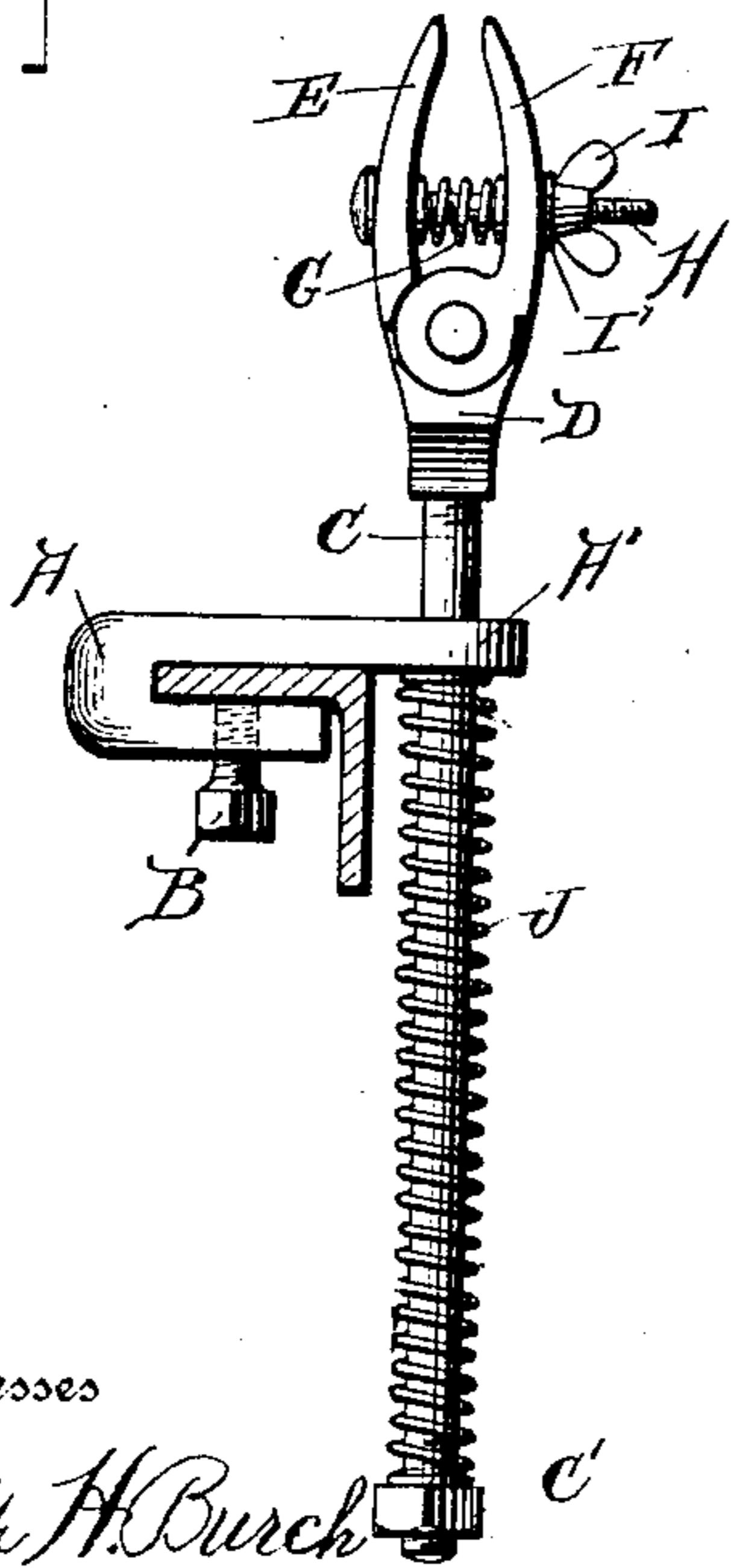
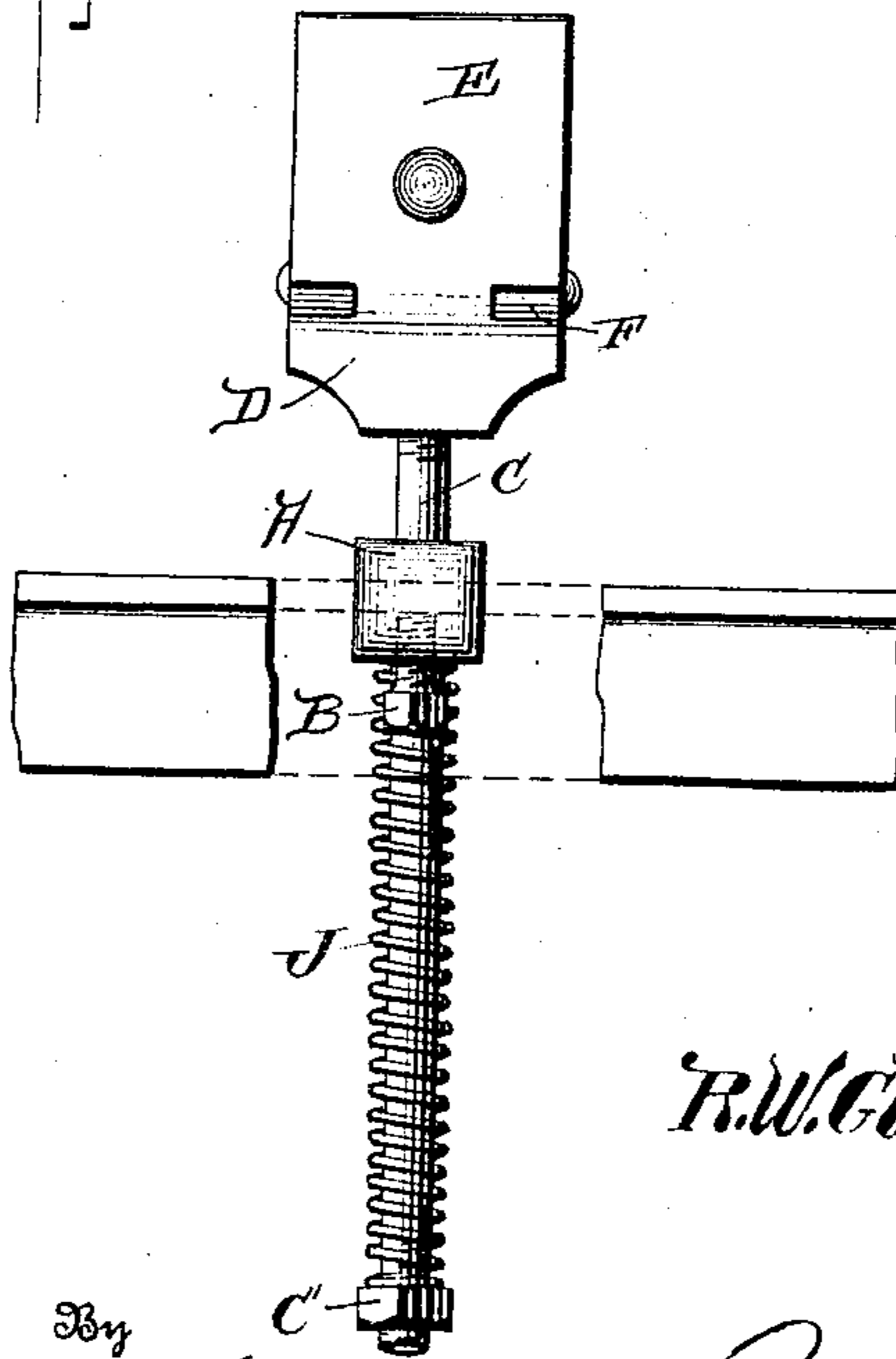


Fig. 3



Witnesses

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CLOTHES-CLAMP.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ROBERT WEANER GLASS, a citizen of the United States, residing at Pueblo, in the county of Pueblo and State of Colorado, have invented a new and useful Improvement in Clothes-Clamps, of which the following is a specification.

This invention relates to clothes clamps for holding the bed covering in its proper position on a bed, the object being to provide a clothes clamp which is so constructed that it can be readily connected to the side rails of the bed in such a manner that the clamping members can move vertically so as to allow the bed covering to give in order to move with the person within the bed.

Another object of my invention is to provide a supporting member having means for clamping it on the side rails, said supporting member having an opening through which extends a shank of a pair of jaws which are provided with means for clamping the bed covering between the same.

A further object of the invention is to provide means for holding the jaws under tension whereby the bed covering will be held tightly at all times so that all danger of the covering being kicked off by a restless person is prevented.

A still further object of the invention is to provide a clothes clamp which is exceedingly simple and cheap in construction and one which can be easily and quickly attached to the bed or detached therefrom.

With these various objects in view, my invention consists in the novel features of construction, arrangement and combination of parts hereinafter fully described, pointed out in the claims, and shown in the accompanying drawings, in which:—

Figure 1 is a perspective view of a portion of a bed, showing the application of my improved clothes clamp. Fig. 2 is a side elevation of my improved clothes clamp, showing the bed rail in section, and Fig. 3 is a front elevation of my improved clothes clamp.

In carrying out my improved invention, I employ a supporting member A provided with a slot in which the horizontal flange of the bed rail is adapted to fit and be secured by a set screw B working in a bore formed in the member A and it will be seen by this arrangement that the supporting member can be moved along the side rail of the bed so as to place the clamp in the de-

sired position as will be hereinafter fully described. The supporting member A is provided with an outwardly extending arm portion A' of such a length that it extends out beyond the side rail of the bed and is provided with an opening.

Slidably mounted within the opening of the arm portion A' of the support A is a shank C provided with a head D having a fixed jaw E and a pivoted jaw F which are normally held apart by a coil spring G surrounding a bolt H extending transversely through the jaws on one end of which is mounted a thumb nut I working against a washer I' adapted to force the pivoted jaw against the rigid jaw after the bed covering has been inserted between the same so as to securely clamp the covering. It will be seen by this arrangement that it is only necessary to operate the thumb nut in order to open or close the jaws. The shank C is surrounded by a coil spring J under the supporting arm A', the lower end of which bears against a nut C' working on the threaded lower end of the shank C whereby the tension of the spring can be adjusted by screwing up or unscrewing the nut. It will be seen by this arrangement that the spring has the tendency to pull the jaws downwardly when the clothes clamp is in position so as to hold the covering under tension whereby all danger of the covering getting thrown to one side is prevented and at the same time the covering will be held in such a manner that it will yield in order to allow the person within the bed to move freely.

From the foregoing description, it will be seen that I have provided a clothes clamp which will hold the bed covering in such a manner that it will be impossible for the same to get out of the correct position after once being clamped by the jaws.

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

1. A clothes clamp comprising a support provided with means for securing it on the rail of a bed, a spring actuated shank slidably mounted within said support, a head carried by the shank provided with a fixed jaw and a pivoted jaw, a spring for forcing the jaws apart and means for clamping said jaws over the bed covering.

2. In a device of the kind described, the combination with a support provided with

means for securing it to a bed rail, of a
spring actuated shank slidably mounted
within said support, a head carried by the
shank, and clamping jaws carried by the
5 head.

3. A clothes clamp comprising a support
provided with a slot to receive the horizontal
flange of a bed rail, a set screw for engaging
said bed rail, said clamp being provided with
10 an outwardly extending apertured arm por-
tion, a shank slidably mounted within the
aperture of the arm, a coil spring surround-
ing said shank bearing against the under
side of said arm, a nut working on the lower

end of the shank engaging said spring, a 15
head secured on the upper end of said shank
provided with a fixed jaw, a pivoted jaw
carried by said head, a bolt extending trans-
versely through said jaws, a coil spring ar-
ranged on said bolt between said jaws, and a 20
thumb nut working on the end of the bolt
for forcing said pivoted jaw against the
rigid jaw.

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Witnesses:

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