

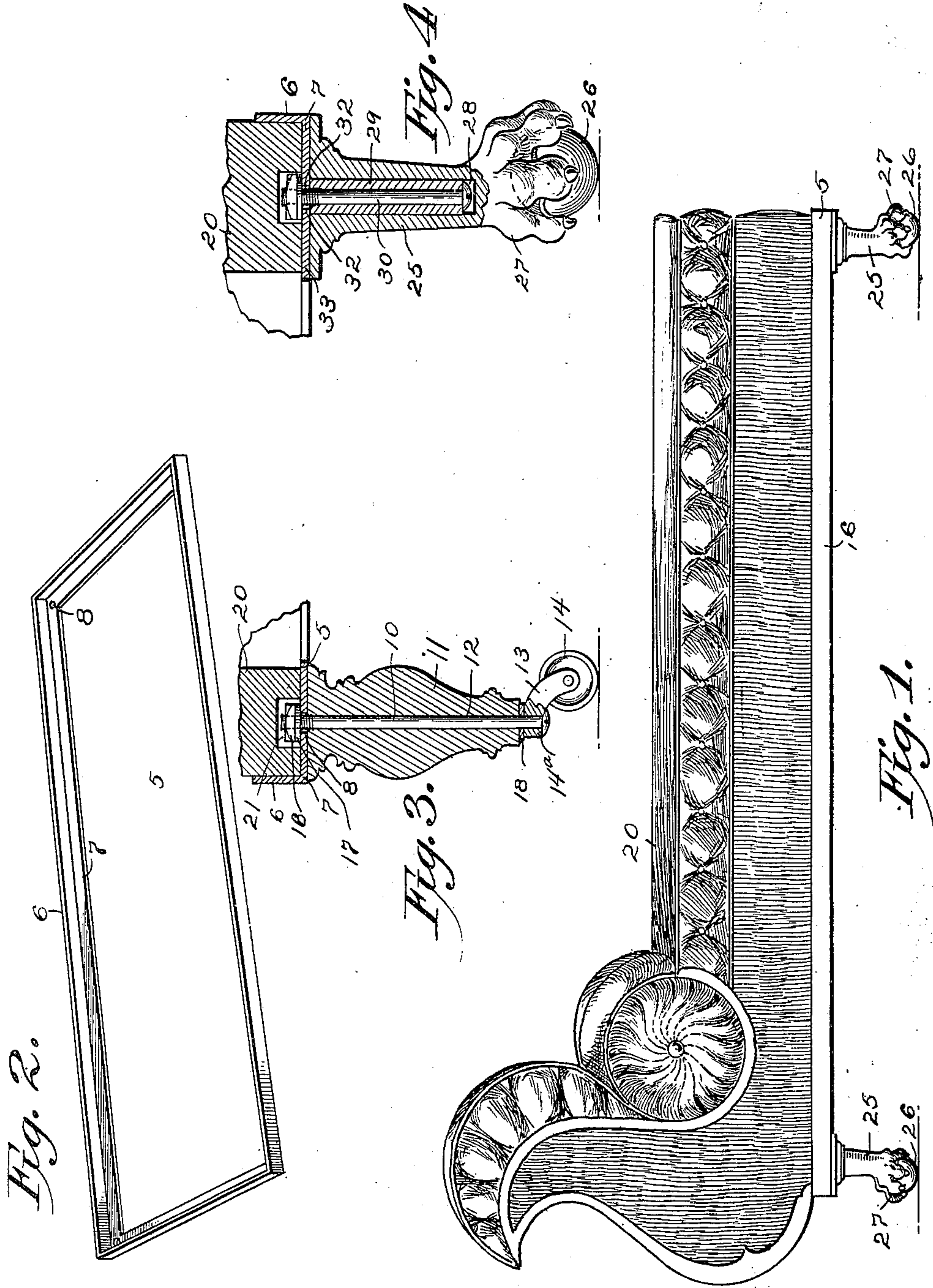
No. 670,079.

Patented Mar. 19, 1901.

A. C. JOHNSON.
FURNITURE.

(Application filed July 2, 1900.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

ANDREW C. JOHNSON, OF RACINE, WISCONSIN.

FURNITURE.

SPECIFICATION forming part of Letters Patent No. 670,079, dated March 19, 1901.

Application filed July 2, 1900. Serial No. 22,324. (No model.)

To all whom it may concern:

Be it known that I, ANDREW C. JOHNSON, a citizen of the United States, residing at Racine, in the county of Racine and State of Wisconsin, have invented a new and useful Improvement in Furniture, of which the following is a specification.

This invention relates to furniture in general, and more particularly to that class having supporting-legs, one object of the invention being to provide a construction wherein the legs may be readily applied and removed to facilitate shipment of the article of furniture, a further object of the invention being to provide a construction in which the legs will be held securely in place with the casters thereon.

In the drawings forming a portion of this specification, and in which like characters of reference indicate similar parts in the several views, Figure 1 is a side elevation showing a couch embodying the present invention. Fig. 2 is a perspective view showing the frame of the couch to which the legs are attached, said frame receiving also the upholstered body of the couch. Fig. 3 is a vertical central section of the leg and caster, the pivot-bolt of the caster being shown in elevation. Fig. 4 is a view, partly in section and partly in elevation, showing a different form of leg.

Referring now to the drawings, 5 represents the frame of an article of furniture, in the present instance a couch, this frame being formed of angle-iron to present a vertical flange 6 and a horizontal flange 7, the frame being rectangular in the present instance, and having perforations 8 in the horizontal flange thereof and at the corners of the frame. These perforations 8 are adapted to receive the bolts 10, through the medium of which the legs and casters are held to the frame and to the article of furniture. Each of the legs 11 of the couch is of usual exterior shape and has a central longitudinal perforation 12, through which is passed bolt 10. This bolt 10 forms the stem of a caster, including a frame comprising parallel arms 13, between which is rotatably mounted a caster-wheel 14, the bolt 10 being pivotally engaged with a perforation formed vertically through the body 14' of the caster-frame. As shown in the drawings, the bolt 10 is passed upwardly

through the caster-frame, then through the leg of the furniture, and finally through a perforation 15 of the frame 5, the upper end of the bolt above the frame 5 having a nut 16, engaged therewith. Also a washer 17 is disposed below the nut 16, and a second washer 18 lies between the foot of the leg and the frame of the caster. With this construction it will be seen that the bolt 10 has a double function of holding the leg of the furniture in place upon the frame 5 and of forming a pivot for the caster.

The body 20 of the furniture is placed in the frame 5 to rest with its lower edge upon the horizontal flange and within the inclosure of the vertical flange thereof, the frame of the body portion being recessed, as shown at 21, to receive the upper ends of the bolts 10 and their nuts.

In Fig. 4 of the drawings there is shown a construction wherein the leg 25 forms the frame of the caster, the wheel being substituted by a ball 26, which is held fixedly by the claw 27 to permit it to rotate. The leg 25 has a longitudinal central socket 28, which is adapted to receive a spool 29, having a bolt 30 passed longitudinally therethrough. The bolt 30 projects through the upper end of the spool 29 and is adapted to engage a perforation 32 in the frame 33 of an article of furniture in the same manner as above described. The spool 29 is preferably of wood, while the leg 25 is preferably of metal, the construction being such that the leg, the spool, and the bolt may be readily applied and removed for shipment.

With the construction described it will be seen that in shipping an article of furniture the legs may be readily removed and safely packed, thus requiring a smaller crate and taking up a minimum of space, so that the cost of shipment is reduced. Furthermore, with the legs removed there is less danger of injury to the article shipped.

Other modifications of the invention may be made and any suitable materials and proportions may be used for the various parts without departing from the spirit of the invention.

What is claimed is—

1. An article of furniture comprising a frame including horizontal and vertical

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flanges, said horizontal flanges having perforations therein, legs having longitudinal perforations, casters having stems passed through the perforations of the legs and
5 flange, nuts engaged with the stems and resting against the frame to hold the casters and legs in position, and a body disposed upon the horizontal flange and within the inclosure of the vertical flange of the frame, said body
10 being recessed to receive the upper ends of the stems and the nuts.

2. An article of furniture comprising a frame including horizontal and vertical
15 flanges, said horizontal flanges having perforations therein, legs having longitudinal

perforations, casters having stems passed through the perforations of the legs and flange, nuts engaged with the stems and resting against the frame to hold the legs and casters in position, and a body disposed upon
20 the horizontal flange and within the inclosure of the vertical flange.

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

ANDREW C. JOHNSON.

Witnesses:

E. B. KILBOURN,

E. W. RAPPS.