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DRAFTSMAN.

No. 821,704. PATENTED MAY 29, 1906.

F. M. CONWAY.

STOOL.

APPLICATION FILED NOV. 4, 1905.

Fig. 1.

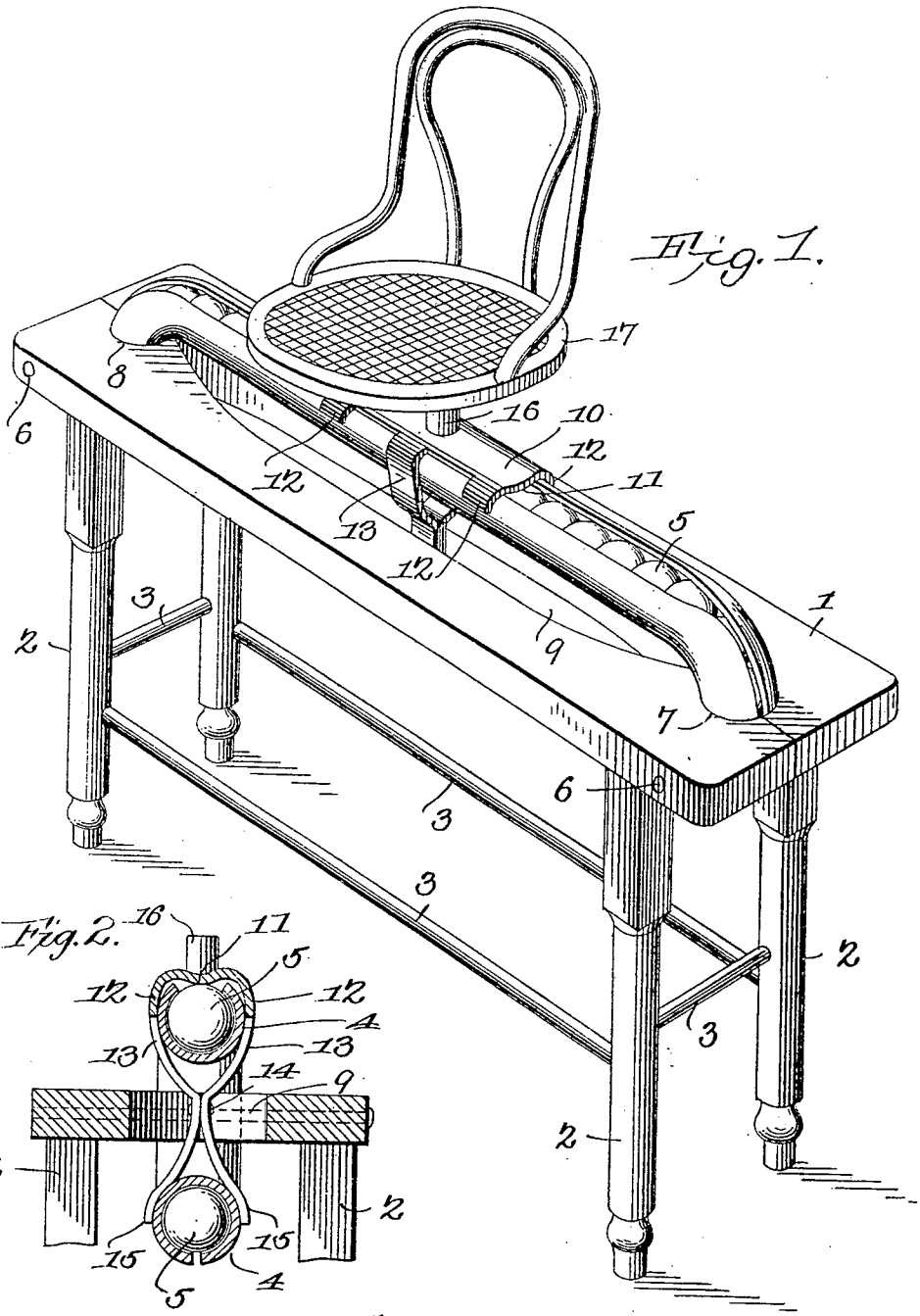


Fig. 2.

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UNITED STATES PATENT OFFICE.

FRANKIE M. CONWAY, OF ORTONVILLE, MINNESOTA.

STOOL.

No. 821,704. Specification of Letters Patent. Patented May 29, 1906.

Application filed November 4, 1905. Serial No. 285,910.

To all whom it may concern:

Be it known that I, FRANKIE M. CONWAY, a citizen of the United States, residing at Ortonville, in the county of Bigstone and State of Minnesota, have invented a new and useful Stool, of which the following is a specification.

This invention relates generally to stools, and more particularly to one adapted for use by bookkeepers.

The object of the invention is in a novel and practical manner to obviate the necessity of a bookkeeper dismounting from his stool or seat in order to examine a book located at some distance from the point at which he is working, whereby the fatigue attending such procedure is obviated and loss of time consequent thereto is prevented.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel construction and combination of parts of a bookkeeper's stool, as will be hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which like characters of reference indicate corresponding parts, Figure 1 is a view in perspective of a stool constructed in accordance with the present invention. Fig. 2 is a view in transverse section.

Referring to the drawings, 1 designates a platform which is supported by four legs 2, that are connected and rendered rigid by rungs or bars 3—in this instance four in number—two being disposed transversely of the platform and two longitudinally thereof. In addition to strengthening the legs these rungs, more particularly the longitudinal ones, will serve as a foot-rest and will also enable the occupant of the chair or seat to move the same along the length of the platform, thus to bring him opposite a desired book.

The essential features of the present invention reside in a novel form of ball-bearing track and a novel form of seat-support to engage the track.

The track 4 is constructed of any suitable metal and is approximately rectangular in elevation, with rounded terminals. As shown in Fig. 1, the track is a continuous split tube, the upper member of the track having the walls of its split spaced apart a sufficient distance to permit the balls 5 to be freely exposed to view, but to be held against accidental removal from the track. As shown in Fig. 1, the walls of the split at each end of the track approach each other, for a purpose that will presently appear.

As shown in Fig. 1, the platform is constructed in two sections which are held assembled by bolts or tie-rods 6, this arrangement being necessary in order to permit the track to be assembled with the platform. This is secured by providing the terminals of the platform with orifices 7 and 8, through which the track projects, and when the two sections of the platform are assembled the track will positively be held against movement or accidental separation from the platform. The opposed faces of the platform-sections are cut away to form a channel 9, the function of which will presently appear.

The seat-support, to which reference has been made, comprises a plate 10, having a longitudinally-intermediate downward-bowed portion 11 to bear upon the balls in the upper member of the track and with lateral pairs of ears 12, that embrace the sides of the track and thereby serve to prevent the support from having any horizontal or twisting motion relatively thereto. The support intermediate of its ends is provided with two downward-extending arms 13, which extend around the upper track member and are secured intermediate of their ends by a rivet or bolt 14, and thence extend downward and are flared outward, as at 15, to embrace the lower member of the track, the clamping members thus provided serving positively to prevent any rocking movement of the support upon the upper track member. The arms 13 and also the ears 12 may be integral with the seat-support, as shown, or be made as separate elements and secured thereto.

Projecting upward from the intermediate portion of the seat-support is a hollow stud or boss 16, which is adapted to receive an ordinary pivot-pin carried by a seat 17, which may be of the usual construction—that is to say, an ordinary stool-top—or it may be provided with a back, as shown.

In the use of the seat it will only be necessary for the operator to push on one of the rungs 3 to effect shifting of the seat-support along the upper track member, and when the support reaches the constricted portion of the split at each end of the said track member the support will be positively held against

any further lateral movement, so that any danger of tilting of the seat will be positively prevented.

Having thus described the invention, what is claimed is—

1. A seat comprising a platform, a ball-bearing track supported thereby and having one member disposed above and the other below the platform, and a seat-support having a portion to engage with the balls of the upper member, and with guides to engage the lower member.

2. A seat comprising a platform, a ball-bearing track supported thereby and having one of its members disposed above and the other below the platform, the balls in the upper member being exposed to view, and a seat-support having a portion to engage the balls in the last-named member and provided with means to hold it against twisting movement relatively thereto.

3. A seat comprising a platform, a ball-bearing track supported thereby, one member of which is disposed above and the other below the platform, the balls of the upper track member being exposed to view, a seat-support having a downward-extending portion to engage the balls of the upper member and ears to hold the support against twisting movement relatively to the track, and arms carried by the support and having members to engage the lower track member.

4. A seat comprising a platform, an approximately elliptical ball-bearing track supported thereby, the balls of the upper member being exposed to view, and a seat-support having portions to engage respectively with the balls of the upper member and with the lower member.

5. A seat comprising a platform, an approximately elliptical ball-bearing track carried thereby, the upper member of which is longitudinally slitted to expose the balls therein to view, and a seat-support having portions to engage the balls of the upper member and provided with means for holding it against twisting movement relatively thereto.

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

FRANKIE M. CONWAY.

Witnesses:
R. W. GREEN,
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