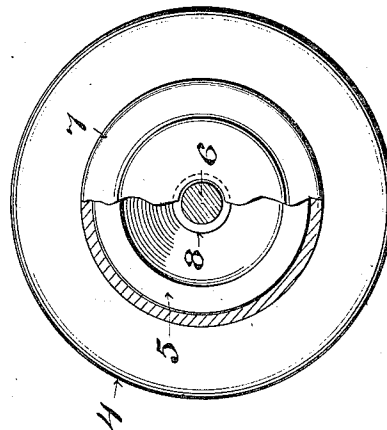
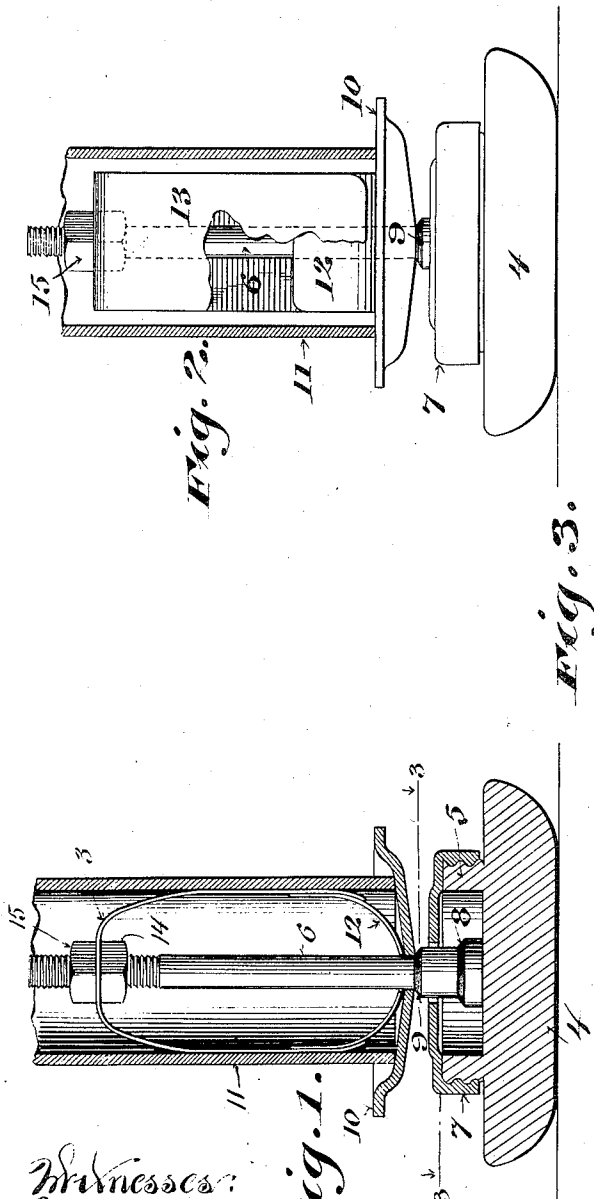


W. DICHMANN.
SLIDING SHOE FURNITURE ATTACHMENT.
APPLICATION FILED MAR. 7, 1910.

959,478.

Patented May 31, 1910.



Witnesses:
Casimir Young,
May Downey.

Fig. 1.

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UNITED STATES PATENT OFFICE.

WILLIAM DICHMANN, OF OSHKOSH, WISCONSIN.

SLIDING-SHOE FURNITURE ATTACHMENT.

959,478.

Specification of Letters Patent.

Patented May 31, 1910.

Application filed March 7, 1910. Serial No. 547,730.

To all whom it may concern:

Be it known that I, WILLIAM DICHMANN, a citizen of the United States, and resident of Oshkosh, in the county of Winnebago and State of Wisconsin, have invented certain new and useful Improvements in Sliding-Shoe Furniture Attachments; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention consists in what is herein particularly set forth with reference to the accompanying drawings and pointed out in the claim of this specification, its object being to provide simple, economical, anti-friction and noiseless sliding-shoe attachments for furniture etc.

Figure 1 of the drawings represents a vertical transverse sectional view of one of my improved sliding shoe attachments in connection with a tubular furniture post; Fig. 2, an elevation of the attachment as aforesaid, the furniture post being in section and a grip-spring of said attachment partly broken away, and Fig. 3, a plan view partly in section on the plane indicated by line 3—3 in Fig. 1, a cap shown in this view being partly broken away.

Referring by numerals to the drawings 4 indicates a flat-bottom disk having a preferably curved rim and an upper central hollow boss 5, the disk being preferably of glass or glazed earthenware, and constituting a sliding shoe of my improved furniture attachment. The hollow boss of the disk constitutes a flat bottom vertical wall socket for the lower shouldered end of a stem 6, and in screw-threaded or otherwise preferably detachable connection with said boss is a cap 7 having a central aperture through which the stem extends. From the foregoing it will be understood that the lower end of the stem has loose sliding contact with the bottom of the socket portion of the disk. The lowermost shoulder 8 of the stem 6 serves as a stop in opposition to the cap 7 to prevent a separation of the disk 4 from said stem, and the other stem-shoulder 9 serves as a support for a detachable seat 10 upon which to rest a tubular bedpost or other furniture leg 11.

That portion of the stem between its shoulders 8 and 9 has loose play in the central aperture of the cap 7, and said stem, cap and disk may, for some usages, complete my improved attachment, in which there is free rocking and sliding movement between the disk and stem. Incidental to rocking motion of the stem 6 on the bottom of the socket provided for same, the friction between said stem and disk is lessened in proportion to the tilt of the aforesaid stem, this being an important feature of my invention.

The seat 10 supports a bowed plate 12, of spring metal provided with a central aperture for the passage of the stem 6, the ends of said plate or spring being upwardly extended. Another bowed spring metal plate 13 is provided with a central aperture for the passage of the stem 6, and it is held on the screw-threaded upper portion of said stem by nuts 14 and 15, the ends of this plate or spring 12 being downwardly extended to lap the ends of the former spring a sufficient distance, both springs being under compression in the tubular leg 11 to hold the attachment as a whole in detachable connection therewith. By adjusting the spring 13, on the stem 6, its lap of the spring 12 may be varied to increase or diminish the stiffness of the two springs with respect to the aforesaid tubular device.

I claim:

A sliding shoe attachment for furniture etc., comprising a disk having a central socket, a stem the lower end of which has loose sliding contact with the bottom of said socket, and a centrally apertured socket-cap attached to the disk in loose engagement with the stem, said stem being provided with a lower shoulder in opposition to the underside of the cap.

In testimony that I claim the foregoing I have hereunto set my hand at Oshkosh in the county of Winnebago and State of Wisconsin in the presence of two witnesses.

WILLIAM DICHMANN.

Witnesses:

C. A. WAKEMAN,

W. F. GRUENEWALD.