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F. X. MANTSION

WALL PROTECTOR

Filed Sept. 26, 1925

Fig. 1.

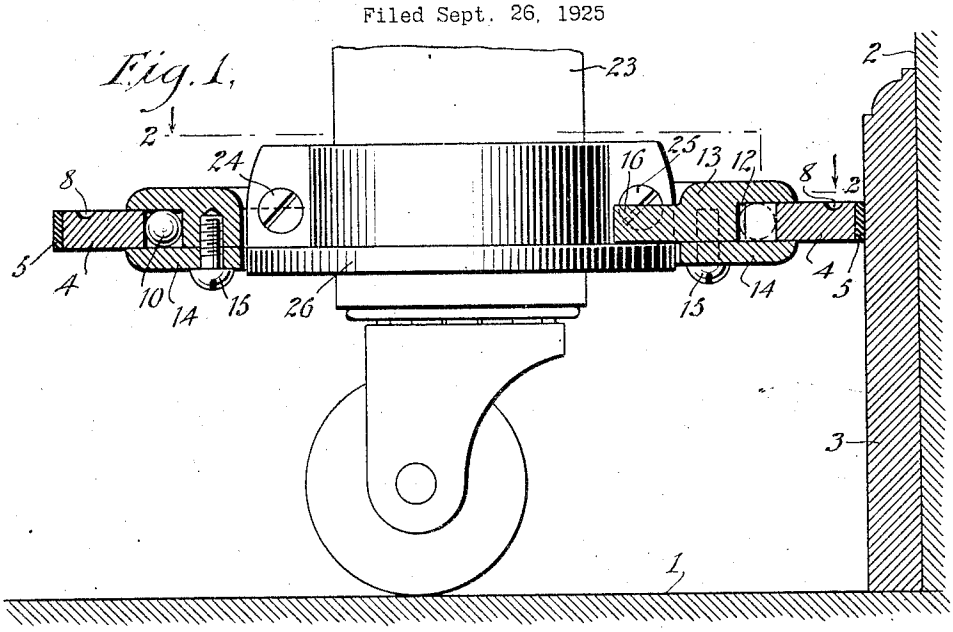


Fig. 2.

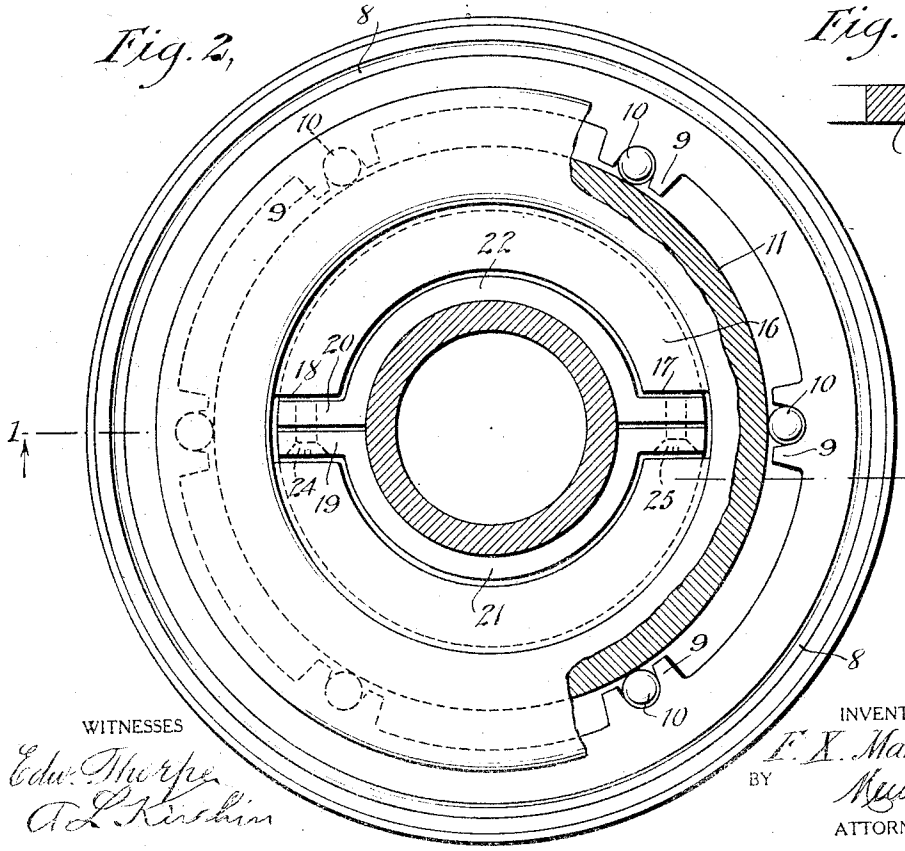


Fig. 3.

WITNESSES

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UNITED STATES PATENT OFFICE.

FRANK X. MANTSION, OF PHILADELPHIA, PENNSYLVANIA.

WALL PROTECTOR.

Application filed September 26, 1925. Serial No. 58,881.

To all whom it may concern:

Be it known that I, FRANK X. MANTSION, a citizen of the United States, and a resident of Philadelphia, Holmesburg, in the county of Philadelphia and State of Pennsylvania, have invented a new and Improved Wall Protector, of which the following is a full, clear, and exact description.

This invention relates to wall protecting devices and has for an object to provide an improved construction for protecting walls against injury when shifting beds or other furniture.

Another object of the invention is o provide a protecting device for beds or other furniture capable of being mounted on the legs of a bed and contacted with the wall or baseboard before any part of the bed can contact therewith.

A still further object of the invention is to provide a protecting device for walls which may be mounted on the legs of beds wherein the parts are so formed that the parts connected with the leg of the bed will move therewith and the outer or peripheral part will rotate as it engages the wall and in that manner prevent any marking or scratching.

An additional object of the invention is to provide a protecting device for walls and beds wherein the device is carried by the legs of the bed and so positioned as to engage the wall or running board of the wall before the bed comes in contact therewith, the parts being also formed to provide a containing structure for insect powder whereby insects cannot pass from the bed to the wall or in a reverse direction.

In the accompanying drawing—

Figure 1 is a sectional view through Figure 2 on line 1—1.

Figure 2 is a top plan view of a wall protector embodying the invention, the same being shown partly in section, said section being taken on line 2—2 of Figure 1.

Figure 3 is a detail fragmentary sectional view through a slightly modified form of contact member to that shown in Figure 2.

Referring to the accompanying drawing by numerals, 1 indicates a floor of any desired kind and 2 a wall provided with a base board 3 of any desired construction. In bedrooms in ordinary dwellings and also in bedrooms in hospitals, it has been found that the walls of a room are oftentimes injured by shifting the bed from one part of the room to the other. As the bed is shifted, it oftentimes strikes part of the wall and makes a mark or knocks out some of the plaster. As it is necessary to shift beds from time to time for cleaning or other purposes, bedroom walls oftentimes become so injured that a renovation is necessary. To obviate this condition and yet permit the beds to be shifted freely, a wall protector has been provided as shown particularly in Figures 1 and 2. This protector may be connected to the bed at any desired point but preferably is connected to one or more of the legs of the bed as shown in Figure 1. It is, of course, understood that protectors identical with that shown in Figures 1 and 2 could be connected to all four legs of the bed or to all legs of the bed if there are more than four or could be connected to only two which are nearest to the wall. The number of protectors will not in any way affect the construction which is shown in the accompanying drawing and in which 4 is a rotatable contact member which consists of a ring of metal having a tire 5 mounted thereon. This tire may be an ordinary rubber band substantially as shown in Figure 1 or may be a regular tire structure 6 as shown in Figure 3. When this form of the invention is used, a groove 7 is provided for receiving the tire 6. The contact member or ring 4 is provided with an annular groove 8 adapted to receive insect powder whereby insects cannot travel from the wall to the bed or in a reverse direction. The ring or contact member 4 is also provided with a number of forked members 9 which are adapted to receive balls 10 adapted to bear against the surface 11 whereby the ring 4 operates on ball bearings and, therefore, runs smoothly. The inner part of ring 4, including the members 9 and balls 10, operate in a notch or rabbet structure 12 formed in the body 13. An annular clamping plate 14 is held in place by a number of screws 15 whereby an annular groove is provided as shown in Figure 1. The body 13 is provided with an inwardly extending flange 16 having notches 17 and 18 which accommodate the respective ears 19 and 20 of the clamping members 21 and 22 which clamp the bed post 23. Suitable screws 24 and 25 are used to draw the various ears 19 and 20 toward each other and thereby cause members 21 and 22 to clamp the bed post. The ears 19 and 20 are fitted into the respective notches 17 and 18 and, consequently,

body 13 moves with the bed while the ring 14 also moves with the bed and rotates when necessary. The members 21 and 22 are each provided with a flange 26 on which the flange 16 rests as shown in Figure 1, thus providing a proper support for the body 13, ring 4 and associated parts.

What I claim is:

1. A wall protector for beds, comprising an annular body adapted to surround one of the legs of a bed, a clamping member adapted to be clamped to said leg, said clamping member being formed with means for supporting the body, and a ring rotatably mounted in the periphery of said body and extending beyond the same.

2. A wall protector for beds, comprising a clamp adapted to clamp one of the legs of a bed, a body surrounding said leg supported by said clamp, said body having an annular groove in its periphery, and a ring rotatably mounted in said groove and extending beyond the same.

3. A wall protector for beds, comprising an annular body formed with a comparatively large opening in the center having radially extending notches, a rotatable ring mounted in the periphery of said body, and a clamp fitted into said opening, said clamp having a flange engaging the under surface of said body for supporting the same, and a pair of clamping ears extending through said notches.

FRANK X. MANTSION.