Aug. 19, 1947. W. R. ELRAD 2,425,927

BEDPOST RAIL SOCKET

Filed Dec. 30, 1944

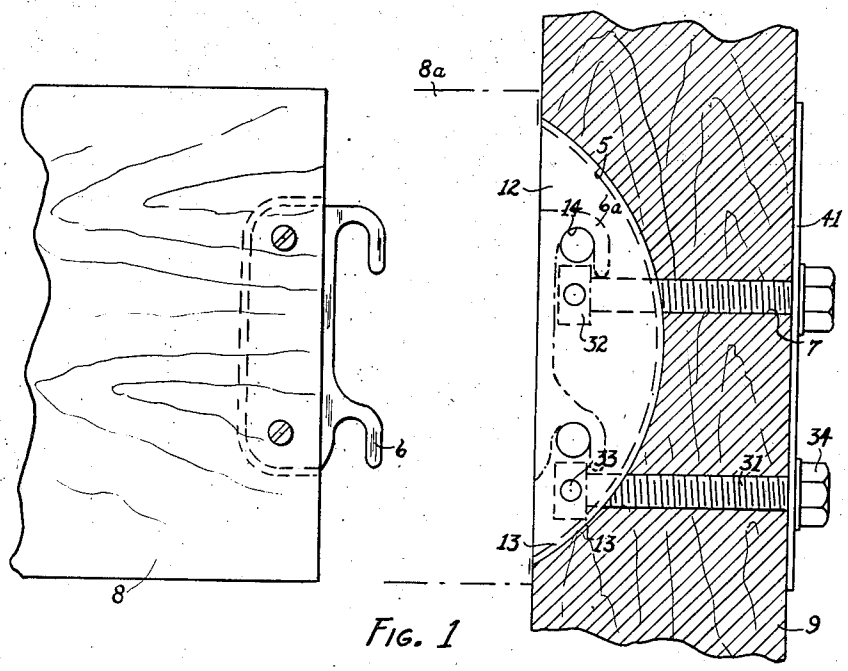


FIG. 1

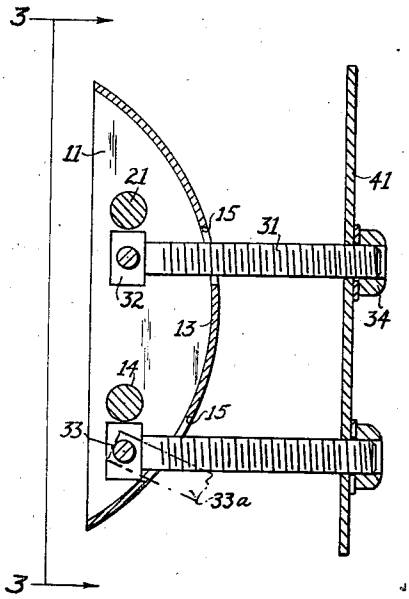


FIG. 2

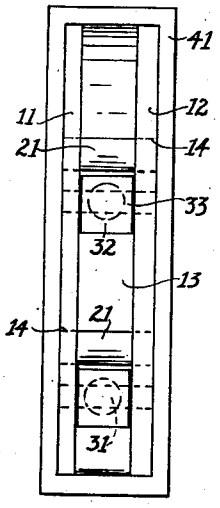


FIG. 3

INVENTOR.
WILLIAM R. ELRAD
BY
Morton S. Buckman

Patented Aug. 19, 1947 2,425,927

UNITED STATES PATENT OFFICE

2,425,927

BEDPOST RAIL SOCKET

William R. Elrad, University Heights, Ohio

Application December 30, 1944, Serial No. 570,559

3 Claims. (Cl. 5—288)

1

This invention relates to furniture, and particularly to bed posts and sockets therein for detachably engaging side bed rails.

The primary object of this invention is to provide a device which is sturdy, inexpensive and which does not have a tendency to split or weaken the bed posts.

Another object of the invention is to provide a device of the type mentioned which may be made of metal parts that are easily mounted in small recesses in the bed posts.

These and other objects of the invention will become apparent from a reading of the following description and claims, together with the accompanying drawing, in which like parts are referred to and indicated by like reference characters, and wherein:

Figure 1 is a side elevation of a portion of a bed post and a rail separated therefrom, the post being partly in section;

Figure 2 is a vertical cross-sectional view of the bed rail socket; and

Figure 3 is a front view thereof, taken along the line and in the direction of the arrows 3—3 of the Figure 2.

The novel device constituting this invention consists primarily of a receptacle, fastening screws pivotally mounted in the receptacle, and rail hook supporting bars therein. Each of these elements will be described in detail hereinafter and in the order just set forth.

The receptacle consists of two arcuate side walls 11 and 12 which are spaced apart and parallel to each other, and a curved rear wall 13 which may be either firmly attached to the side walls 11 and 12 or made integral therewith. The receptacle is made to fit a recess 5 gouged or routed in the front of the bed post 9. The straight vertical edges of the side walls 11 and 12 and the top and bottom ends of the curved rear wall 13 are flush with the front surface of the bed post.

The two side walls 11 and 12 of the receptacle are provided with aligned lateral holes 14 through which the support members 21 are inserted and fixed. The rear wall 13 has two vertical aligned slots 15 through which the hereinafter described screws 31 extend.

The supports 21 which engage the hooks 6 mounted on the bed rail 8 are simply short lengths of metal bars or pipes which fit in the holes 14 in the side walls 11 and 12. These are positioned and spaced in the receptacle so that the hooks 6 will easily clear the rear wall 13 when the post 9 and rail 8 are being assembled or separated. The positions of the rail 8 and the hooks

2

6 thereon when engaged with the instant socket are shown in the Figure 1 in broken lines and indicated by the characters 8*a* and 6*a* respectively.

The screws 31 have threaded portions which project through suitable holes 7 in the bed post. They also have square or rectangular heads 32 which are slightly narrower than the space between the two side walls 11 and 12. These screws are pivotally and horizontally mounted at their heads in the walls 11 and 12 by means of the lateral pivot pins 33 and are able to move vertically in the slots 15 in the rear wall 13. An alternate position of a screw 31 is shown in the Figure 2 and is indicated by the reference character 33*a*.

The socket is firmly held in place and in the recess 5 by means of the rear plate 41 and the two nuts 34 as shown in the Figure 1.

If desired, the plate 41 and the two nuts 34 may be attractively shaped or ornamented when used on the foot of the bed or when mounted in a position where the plate and nut may ordinarily be visible or be otherwise conspicuous or unsightly.

Also, if desired, the screws 31 may be rigidly mounted in the receptacle member, instead of being pivoted therein. In that event, round holes may be substituted for the slots 15 and a more accurate alignment and spacing of holes 7 is required for the quick and easy insertion of the screws 31 therethrough.

Having thus disclosed the invention in its preferred form, it should be understood that the embodiment thereof as illustrated and described is suggestive only and is not to be regarded in a limiting sense, as there may be other forms or modifications of the invention which may reasonably be considered as being within the scope of the appended claims.

I claim:

1. A device of the character described for use with a bed-post having a recess formed in its inner face, including a receptacle formed to provide a lining for said recess having spaced side walls, a rear wall and an open front, said rear wall having a slot therein, bed rail supporting means connecting the side walls of the receptacle and spaced from said rear wall, and means pivotally connected to the side walls and extending through said slot and bed post for securing said receptacle within the recess formed in the bed post.

2. A device of the character described for use with a bed-post having a recess formed in its inner face, including a receptacle formed to pro-

vide a lining for said recess, having spaced side walls, a rear wall provided with a pair of spaced slots therethrough and an open front, a pair of spaced bed rail supporting means within the receptacle, and means pivotally connected to said side walls within the receptacle and extending through the slots and bed-post for securing said receptacle within the recess.

3. A device of the character described for use with a bed post having a recess for receiving and supporting one end of a bed rail therein, including a body formed to provide a lining for said recess, bed rail supporting means mounted within the body, and means pivotally connected to said body and extending through said bed post for securing the same within said recess.

WILLIAM R. ELRAD.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
217,802	Krickl	July 22, 1879
932,233	Adams	Aug. 24, 1909
1,751,037	Howse	Mar. 18, 1930
2,211,980	Luppert	Aug. 20, 1940
2,305,063	Collins	Dec. 15, 1942
9,931	Baynes	Aug. 16, 1853
1,099,600	Hiller	June 9, 1914

FOREIGN PATENTS

Number	Country	Date
31,148	Austria	Dec. 27, 1907
23,883	Great Britain	Oct. 29, 1907
194,473	Germany	Jan. 20, 1908
26,461/30	Australia	Feb. 13, 1931
420,551	Great Britain	Dec. 4, 1934