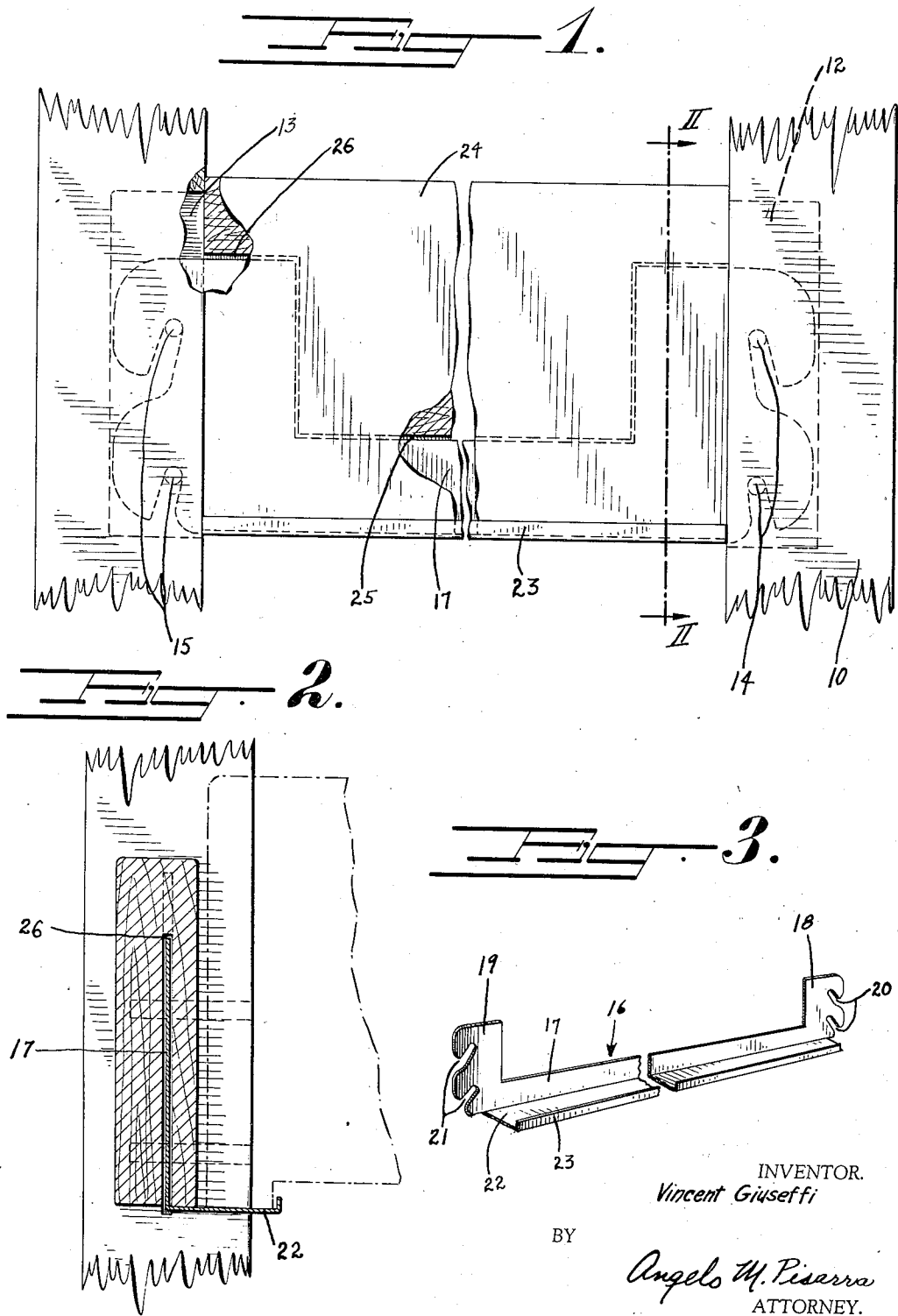


May 26, 1936.

V. GIUSEFFI
BED AND BEDRAIL

2,042,045

Filed Aug. 10, 1935



UNITED STATES PATENT OFFICE

2,042,045

BED AND BEDRAIL

Vincent Giuseffi, South Orange, N. J.

Application August 10, 1935, Serial No. 35,580

1 Claim. (Cl. 5—286)

This invention relates to beds and more particularly to bed rails. In its more specific aspect the invention is directed to a novel rail especially adapted to be used as a unit of a wooden or like type of bed.

A wooden bed so-called generally comprises a head element and a foot element, each element including a pair of rigidly fixed spaced posts and a pair of wooden rails connecting the posts of the head and foot members. To the end of each rail is secured by bolting or the like an element which is adapted to be coupled with an element in each of said posts to provide a bedstead. Carried by said rails, which like said head and foot members are essentially of wood, are wooden supporting strips nailed or in some other manner secured thereto. Extending across the space between said strips and supported by said strips are a plurality of slats upon which rests a spring which in turn supports a mattress.

In the course of my experiences with wooden beds of the character above outlined I have observed that the coupling members carried by the wooden rails become loose after some use, and the connection between these members becomes a source of creaking when the bed is occupied. In addition there is danger of cracking or splitting of the wooden rails when the coupling members are secured thereto by the workmen who are employed in their manufacture. And further, the slats carried by the strips in some cases drop off of the strips whereupon a reassembly must take place.

It is in order to obviate these, as well as other inherent disadvantages of wooden beds that I have developed the following invention which will be hereinafter described.

Briefly, the invention consists in maintaining the attractiveness of a wooden bed with the wooden rails employed in the construction of my invention not necessarily connected to the bed posts of the head and foot elements of a bedstead. The spacer rails which are a necessary feature of the bedstead are so designed that each of them has a coupling at each end and a saddle in which a rail of a spring may be placed. In addition, these improved bed rails are so combined with the wooden rails so that the former have parts thereof that may be inserted in openings of the latter so that it may appear that the entire body of the rail is of wooden composition.

An object of my invention is to provide an improved rail for a bedstead which rail may be

readily manufactured and assembled as an element of a bedstead at a reasonable cost.

Another object of my invention is to provide an improved bed-rail having all of the advantageous characteristics of a wooden rail without the disadvantages of the wooden rails heretofore employed.

A still further object of my invention is to provide a bed rail simulating the well-known wooden rail and being adapted to support a spring without the necessity of slats.

Other objects and advantages of my invention will become readily apparent from the following description and drawing, wherein;

Figure 1 represents a fragmentary side elevational view of a bedstead embodying my invention with some of the parts in section,

Figure 2 represents a cross-sectional view taken along line II—II of Figure 1 in the direction of the arrows,

Figure 3 represents a foreshortened perspective view of an element of the bed rail embodying my invention.

As shown in the drawing post 10 is one of the posts of the head element (not entirely shown) of a bedstead and post 11 is one of the posts of the foot element (not entirely shown) of said bedstead. These posts are opposite each other as are the other posts which are not shown. The posts 10 and 11 have respective rectangular slots 12 and 13 therein extending longitudinally thereof. A pair of spaced pins 14 are supported by the posts 10 and extend across the shortest dimension of said slot, and a similar pair of pins 15 are similarly located in each post 11.

According to my invention I provide a rail 16, two of which may be employed in assembling a bedstead. The rail 16 of which may be of cast brass, iron or worked iron or of any other rigid composition, and preferably of metal, has a side plate 17 of considerable width. Integral with said plate 17 and in the same plane therewith are coupling members 18 and 19 having upwardly extending slots 20 and 21, respectively, therein to provide hooks adapted to hook around the pins 14 and 15. The width of each of the members 18 and 19 is equal to the width of the slot 13 plus the corresponding dimension of the slot in the wooden rail, hereinafter described. The thickness of the rail 16 is roughly constant throughout and is slightly less than the smallest dimension of the slots 12 and 13. Projecting inwardly and substantially at right angles to the plate 17 is a plate 22 of considerable width and adapted to accommodate a rail or other type of

support usually carried by a spring and dependent therefrom. As shown in Figures 1 and 2 of the drawing, the width of the plate 17 is no greater than the width of the plate 22 and no
5 greater than the distance between the inner extremity of a slot 20 or 21 and the innermost extremity of coupling member 18 or 19. The length of said plate 22 is materially less than the distance between the inner extremities of a corresponding pair of slots 20 or 21, but materially
10 greater than the distance between the innermost extremities of said coupling members 18 and 19. A plate 23 whose depth is about one-third or less than the corresponding dimension
15 of the plate 17 is parallel to said plate 17.

What is claimed:

A bed rail comprising a single unitary rigid rail and a masking element, said rigid rail being of considerable length and including an elongated side plate, coupling members secured to
20 said plate and extending upwardly beyond one of the widthwise extremities of said plate, a pair of hooks being a portion of each of said coupling members, each coupling member having a pair

of slots therein defining said hooks, another plate at an angle to said first mentioned plate, the length of said second mentioned plate being materially less than the distance between the inner effective extremity of two of said slots defining corresponding hooks and materially
5 greater than the distance between the innermost edges of said coupling members, said masking element having a slot in the lower part thereof, said slot extending the full length of said masking
10 element, said masking element having slots therein extending along the ends thereof and terminating at a point below the upper extremity thereof, said masking element being removably
15 mounted on and supported by said rail, with said first mentioned plate and a portion of said coupling means being located in the slots in said masking element, and a portion of each of said coupling members being located beyond said
20 masking element, said second mentioned plate extending a considerable distance beyond the inner surface of said masking element.

VINCENT GIUSEFFI.