This invention relates to improvements in articles of furniture, and more particularly, but not by way of limitation, to an improved combination bed and lounge or divan unit.

The present invention contemplates a pair of beds preferably mounted in the corner of a room so constructed and arranged that the beds may serve as lounges or couches during the daytime, and may be easily and conveniently moved outward into juxtaposition to serve either as a double bed or two single beds during the night. One end of one of the beds is disposed under a table during the day, and the other bed is partially disposed under a shelving or back rest, to convert the beds into attractive and convenient lounges. Pivots and guides are provided for the beds to assure the simple and convenient movement of the beds to the desired positions.

An important object of this invention is to provide a combination bed and lounge unit adapted for use as beds during the night and lounges during the day.

Another object of this invention is to provide a dual system of beds particularly adapted for use in a small space, such as in studio apartments and the like.

A further object of this invention is to provide a system of beds that might be easily and conveniently moved into either their day or night positions with a minimum of effort.

A still further object of this invention is to provide a system of beds providing attractive lounges during daytime and comfortable beds during nighttime that may be economically manufactured.

Other objects and advantages of the invention will be evident from the following detailed description, read in conjunction with the accompanying drawings, which illustrate my invention.

In the drawings:

Figure 1 is a perspective view of a combination bed and lounge unit illustrating the beds in their daytime positions.

Figure 2 is a plan view of the unit as illustrated in Fig. 1.

Figure 3 is a plan view of the beds in their nighttime positions.

Figure 4 is an elevational view of a pivot structure utilized with one of the beds.

Figure 5 is a detail illustrating the type of casters used on the beds.

Referring to the drawings in detail and particularly Fig. 1, reference characters 6 and 8 designate a pair of single bed units, preferably, but not necessarily, installed in the corner 10 of a room formed by the side walls 12 and 14. A substantially square table 16 is suitably secured to the walls 12 and 14 in the corner 10 and may be provided with a raised portion 18 extending along the wall 14. The raised portion 18 may, of course, contain drawers (not shown) or cubicles (not shown) for the reception of stationery and the like if desired. The table 16 is of sufficient height and width to permit movement of one end of the bed 6 thereunder as will be more fully hereinafter set forth. A depending leg 20 is provided at the outermost corner 22 of the table 16 to provide additional support for the table.

One end 26 of the table 16 preferably extends downwardly below the top of the bed 6 to enhance the appearance of the unit and may extend on down to the floor 28 if desired.

A shelving unit 30 is suitably secured along the wall 14 above the bed 6 in such a height that the bed 6 may be moved partially thereunder during the day. The shelving 30 preferably extends the entire length of the bed 6 and abuts the side 26 of the table 16.

Furthermore, the shelving 30 is preferably so installed that the top thereof is in alignment with the top of the raised portion 18 of the table 16 to enhance the appearance of the room. It will be apparent that the shelving unit 30 may be constructed as shown to receive books and the like, or may be covered (not shown) with suitable material to form a back rest above the bed 6.

Each of the beds 6 and 8 is supported by a plurality of casters 32 mounted as shown in Fig. 5. Each caster 32 is of the usual type, having a wheel 34 pivotally mounted in a U-shaped arm 36. A stud 39 extends upwardly from each arm 36 through an apertured bracket 40, and has a nut 42 on the upper end thereof. The arm 36 may be turned freely relative to the bracket 40 to facilitate movement of the beds. The brackets 40 are in turn rigidly secured to the lower railings 44 of the respective bed units 6 and 8.

The bed 6 is also supported in proximity with the table leg 20 at one corner 45 of the bed by a pivot structure generally indicated at 48 and illustrated in detail in Fig. 4. The pivot 48 comprises an inverted U-shaped bracket 50 rigidly secured to the floor 28 by bolts 52.

A stud 54 extends upwardly from the bracket 50 through an aperture (not shown) in a bracket 56. The bracket 56 may be constructed in the same manner as the brackets 40 for the casters 32 and is rigidly secured to a bottom railing 44.
of the bed 8. It will be apparent therefore that the bed 8 may be manually pivoted on the pivot 48 from the position shown in Figs. 1 and 2 to the position shown in Fig. 3 and vice versa. The casters 32 will facilitate the free movement of the bed 8.

As clearly shown in Figure 3, an arcuate track 55 is secured to the floor 28 adjacent to the wall 12. The track 53 is of any suitable construction to guide the movement of a pair of the casters 32 and extends underneath the table 16. The track 53 extends from adjacent the wall 14 in a direction parallel to the wall 12 to a position out from under and in front of the table 16. The track 53 is then curved and extends at an oblique angle from the wall 12. Two of the casters 32 are mounted on the bed 6 along the outer side 80 thereof adjacent the end 62 and are disposed in the track 53. In this manner, when a force is applied to the bed 6 to move the bed 6 under the table 16, from the position shown in Fig. 3, the bed 6 will be guided by the track 53 and the casters 32 therein in the desired direction into the position shown in Figs. 1 and 2. Conversely, when the bed 6 is moved from underneath the table 16, it will be guided to the desired position as shown in Fig. 3. Suitable stops (not shown) may be provided at the opposite ends of the track 53 if desired to limit the movement of the bed 6.

From the foregoing it is apparent that the present invention provides a novel system of beds utilizing two bed units which may be conveniently and simply converted into attractive lounge or the like during the day and either a single bed or a double bed during the night. The system is preferably installed in the corner of a room in such a manner that the beds may be disposed adjacent the walls at right angles to one another during the day and moved toward the center of the room into parallel abutting relationship during the night. One of the beds is pivotally supported and the other bed is guided by an arcuate track to facilitate and direct the movement of the beds when moved between the day and night positions. It will also be apparent that the unit is particularly adapted for use in a limited space and may be economically manufactured and installed.

Changes may be made in the combination and arrangement of parts as heretofore set forth in the specification and shown in the drawings, it being understood that any modification in the precise embodiment of the invention may be made within the scope of the following claims without departing from the spirit of the invention.

I claim:

1. A combination bed and lounge unit, comprising a pair of moveable beds adapted to be manually moved alternately between a day position wherein the beds are disposed at right angles to each other and a night position wherein the beds are disposed in parallel relationship and in juxtaposition, a plurality of casters supporting each of the beds, a track having an angled portion extending from a straight portion and receiving at least one of the casters on one of the beds to guide said bed between the day and night positions, and a fixed pivot on the other bed to guide said other bed between the day and night positions.

2. A combination bed and lounge unit for the corner of a room formed by two angularly disposed walls, comprising a pair of caster mounted beds adapted to be disposed at right angles to each other and adjacent the walls to provide a pair of lounges during the day, a substantially square table mounted in the corner of the room, said table being of a size to receive one end of one of the beds thereunder when said bed is in the day position, said beds being manually movable toward the center of the room into parallel relationship in such a manner to form a double bed for use during the night, a track having a straight portion thereof extending substantially along one of the walls and an angled portion extending outwardly therefrom, at least one of the casters on said one bed being disposed in the track to guide said bed between the day and night positions, and a fixed pivot structure on one end of the other bed to control the movement of said other bed between the day and night positions.

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