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E. F. LAGARDE

1,897,521

BED ACCESSORY

Filed March 5, 1930

Fig. 1.

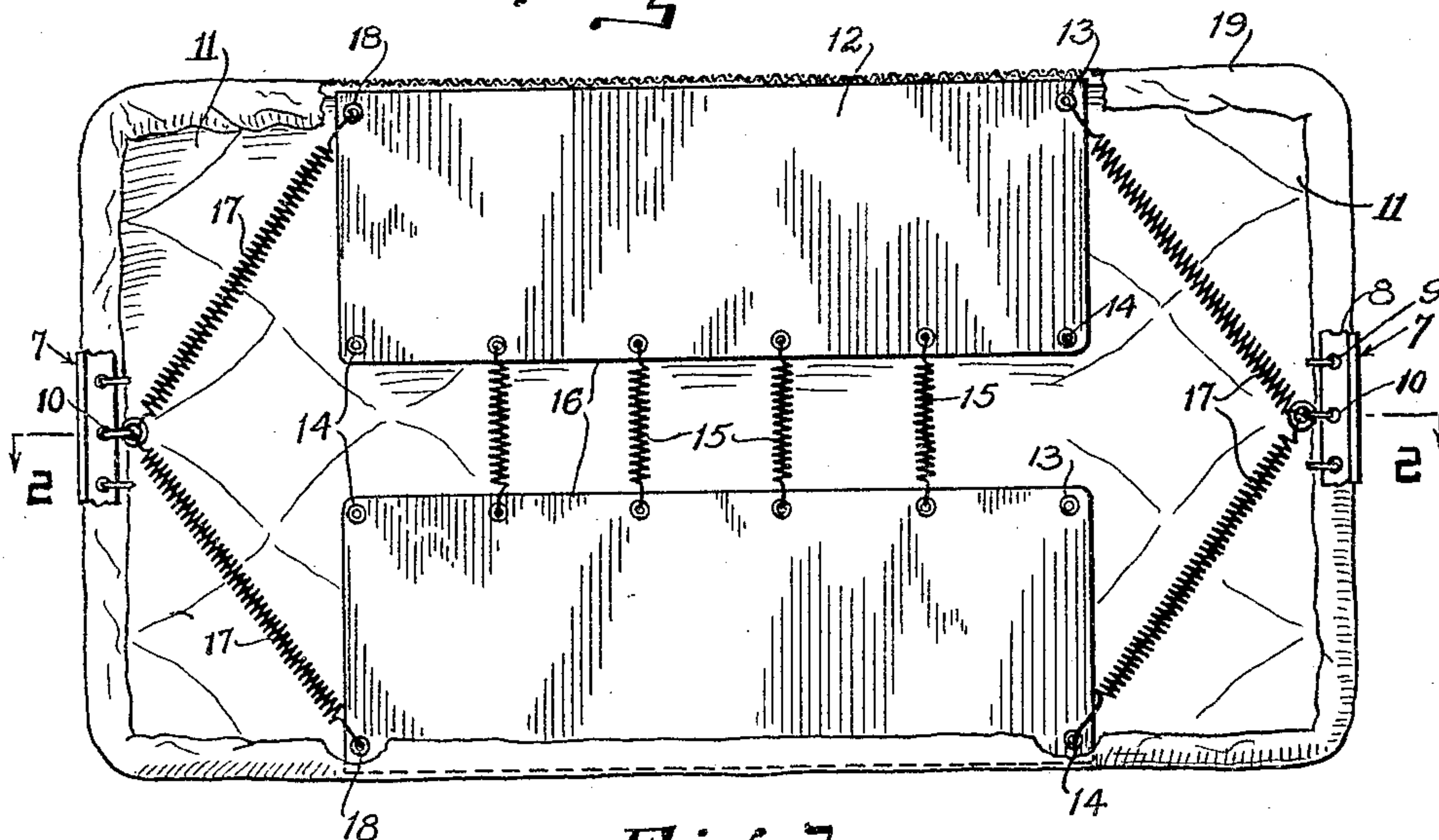


Fig. 2.



Fig. 4.

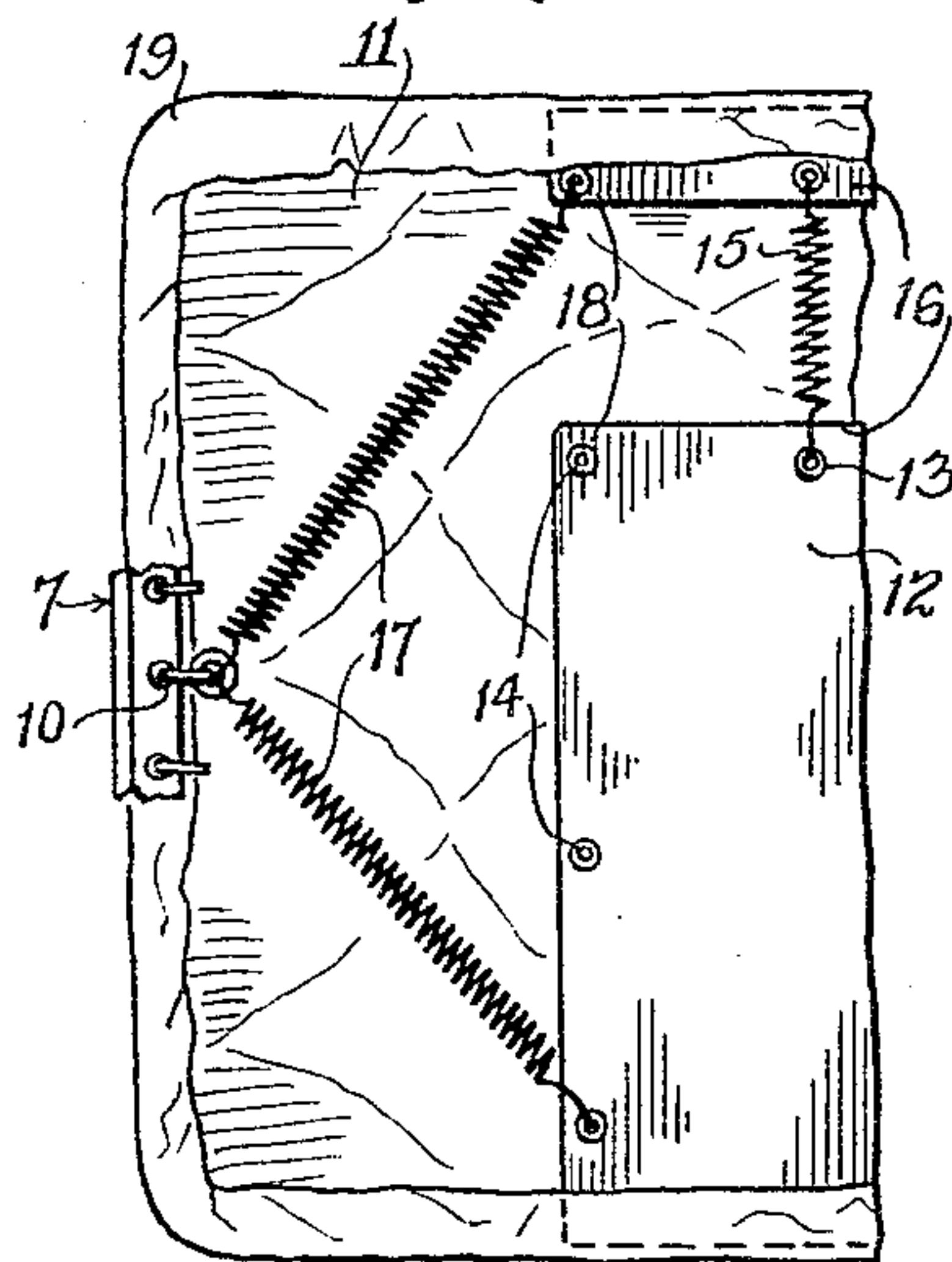
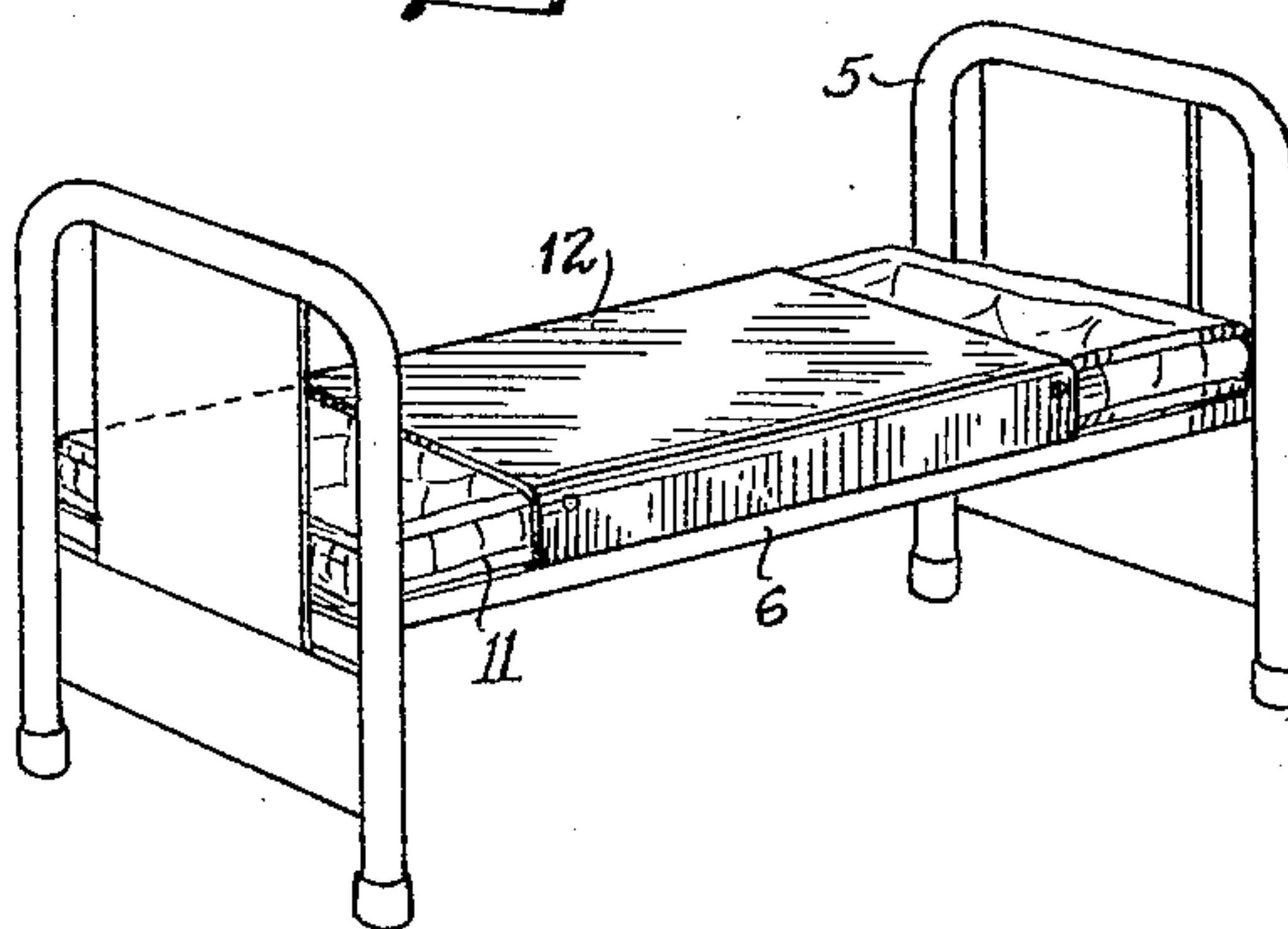


Fig. 3.



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BED ACCESSORY

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This invention relates to bed accessories; and more particularly, to a rubber sheet holding device, suitable for use in connection with hospital beds, or where persons are confined in bed for some length of time.

The prime object is to protect the mattress and that portion of the bed which comes in contact with the body of the patient from stain or discoloration. Heretofore where rubber sheets have been used, the same become rumpled, and wrinkled due to the tossing of the patient, and result in great discomfort, often causing bed sores and irritated places, which may cause complications to set in.

Another object is to keep the rubber sheet properly spaced and positioned on the mattress, and free from wrinkles.

Still another object is to so space the rubber sheet that the ordinary cotton sheet may be tucked in without interference.

Still another object is to provide means for shifting the rubber sheet so that a fresh surface may be presented to the body of the patient at different intervals, without the necessity of substituting a new rubber sheet.

Other objects will be disclosed in the drawing and specification forming a part of this application.

In the drawing:

Figure 1 is a bottom plan taken on the line 1—1 of Figure 2, with parts of the sheet 19 broken away and fragments of the frame 7 shown;

Figure 2 is an irregular section taken on line 2—2 of Figure 1 with parts in elevation;

Figure 3 is a perspective of the bed with the rubber sheet in place; and

Figure 4 is a fragmentary bottom plan view similar to Figure 1, showing the rubber sheet adjusted to a new position.

Referring to the drawing, in which like numerals designate similar parts:

Numerals 5 designates a typical hospital bed having side pieces 6 on which rests springs 7. The springs 7 have a frame 8 in the top and bottom of which are formed holes 9 to receive hooks 10. A mattress 11 is placed on the springs 7, and across the middle portion of the mattress 11 is placed a rubber sheet 12.

This rubber sheet 12 is spaced from the head and foot of the bed, and is of sufficient length to extend from about the shoulders to about five inches above the ankle of the average patient. A series of openings 13 are formed along the edges of the rubber sheet 12 and eyelets 14 prevent the tearing or fraying of the openings 13. Short springs 15 connect the adjacent sides 16 of the rubber sheet 12 and hold the sheet in place on the bed. Springs 17 extend from the hooks 10 to any of the eyelets 18 on the ends of the rubber sheet 12 and keep the same equally spaced from foot and head of the bed, and free of wrinkles.

As shown in Figure 4, the rubber sheet 12 may be rotated so as to bring a fresh portion of the sheet beneath the body of the patient, the only adjustment necessary being the placing of the springs 17 in new openings 18 to hold the same in the desired position. It is obvious that the rubber sheet 12 may be rotated in either direction, and a corresponding change made in connection with the securing of springs 17.

The sheet 19 is placed over the rubber sheet 12 and mattress 11 and tucked in along the sides and bottom in the usual manner. By having the rubber sheet 12 short of the foot of the bed, the sheet 19 may be tucked under the mattress without interference from the rubber sheet 12.

My arrangement prevents staining of the mattress, and at the same time, presents a rubber sheet smooth and free from wrinkles with the advantage that a fresh portion of the rubber sheet 12 may be presented whenever desired, and with the least amount of trouble.

Having thus described my invention, what I claim is:

1. The combination with a frame and mattress thereon, of a sheet of protective material extending across one face and around the opposite edges of said mattress and across the greater part of the other face of said mattress, yielding means connecting the ends of said sheet to each other for maintaining the sheet transversely stretched on the first named face of said mattress, resilient means secured to a substantially central point at

each end of said frame and extending diagonally from said points to opposite sides of said sheet on the opposite face of said mattress at points adjacent the outer edges of said sheet to maintain the sheet stretched longitudinally and transversely.

2. The combination with a frame and mattress thereon, of a sheet of protective material extending across one face and around the opposite edges of said mattress, and across the greater part of the other face of said mattress, yielding means connecting the ends of said sheet of each other for maintaining the sheet transversely stretched on the first named face of said mattress, said sheet having spaced openings formed in the sides thereof, resilient means secured to a substantially central point at each end of said frame and extending diagonally from said points to opposite sides of said sheet on the opposite face of said mattress at points adjacent the outer edges of said sheet to maintain the sheet stretched longitudinally and transversely, said resilient means adapted to engage different openings formed in the edges of the sheet upon the movement of said sheet on said mattress.

3. The combination with a frame and a mattress thereon of a sheet of protective material extending across one face and around the opposite edges of said mattress and across the greater part of the other face of said mattress, tension springs connecting the ends of said sheet to each other for maintaining the sheet transversely stretched on said mattress, the sides of said sheet being provided with a plurality of apertures, a pair of springs secured to the frame at each end, said springs engaging the apertures formed at the opposite edges of said sheet on the other face of said mattress and adapted to engage other apertures on the respective edges upon the sheet being rotated on said mattress.

In testimony whereof I affix my signature.
EUGENIE FOLSE LAGARDE.

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