

(No Model.)

H. WÜST.
CUSHION.

No. 556,606.

Patented Mar. 17, 1896.

Fig. 1

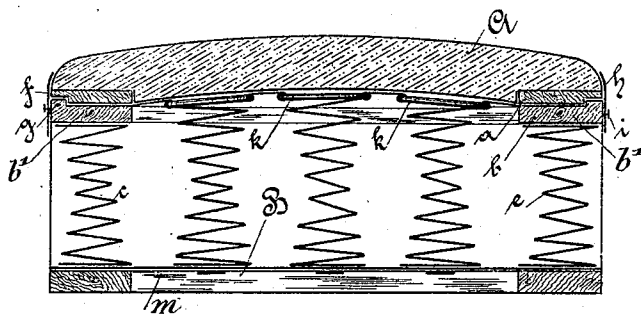


Fig. 2

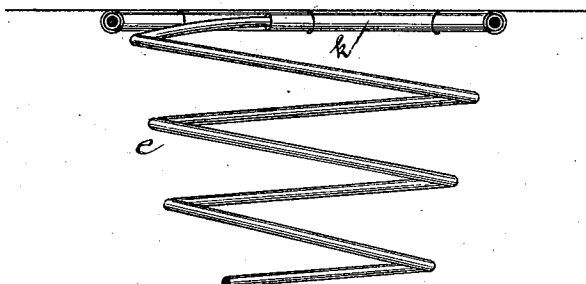
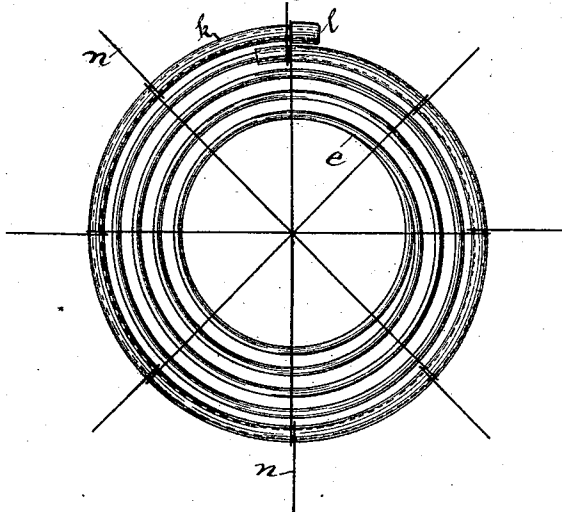


Fig. 3



Witnesses.

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UNITED STATES PATENT OFFICE.

HANS WÜST, OF NUREMBERG, GERMANY.

CUSHION.

SPECIFICATION forming part of Letters Patent No. 556,606, dated March 17, 1896.

Application filed August 21, 1895. Serial No. 560,000. (No model.) Patented in Germany February 12, 1895, No. 82,838.

To all whom it may concern:

Be it known that I, HANS WÜST, a citizen of Germany, residing at Nuremberg, in the Kingdom of Bavaria and Empire of Germany, have invented certain new and useful Improvements in Cushions, (for which I have secured Letters Patent in Germany, No. 82,838, dated February 12, 1895,) of which the following is a specification.

My invention relates to a cushion, and particularly to a combined mattress and bolster which is made in the form of a cushion, so that the bolster can be removed, or so that the upholstering of stuffed furniture can be readily removed without having to cut all of the stitches, or partly destroying the bolster and cutting the stringing, the present invention entirely overcoming these inconveniences.

My invention consists of a lower frame provided with a web or webs on which the springs are supported, an upper frame supported on the outer springs, strings or ties connecting the upper parts of the inner springs together and to the upper frame, a removable rabbeted frame fitting onto the rabbeted upper frame and provided with upholstering which rests upon the inner springs, and fastening devices whereby the removable frame is secured to the upper frame, as will be fully described hereinafter, and finally pointed out in the claim.

In the accompanying drawings, Figure 1 is a transverse section of a combined mattress and bolster. Fig. 2 represents one of the springs applied to a helical ring by its upper coil, said ring being in cross-section; and Fig. 3 is a plan view of the same parts, showing the stringing.

Similar letters of reference indicate corresponding parts.

The mattress is provided with a lower part or frame, B, and on the webbing *m* or other supports connecting the opposite sides of the frame are supported the spiral springs *e*, which are secured thereto in any suitable manner. The pressure on the outermost springs is taken up directly by the side pieces of the frame B, while the pressure of the innermost springs lies directly on the webbing or other supports *m*. The upper ends of the outermost springs are fastened to an upper frame,

b, of corresponding shape to the lower frame, B, the upper part of said frame being rabbeted at *b'*, so that it is formed to receive a correspondingly-rabbeted frame *a*, to which the upholstering A is applied, said upholstering extending over and resting upon the upper ends of the inner springs. By forming the removable frame *a* and the top frame, *b*, with corresponding rabbets, the former is held in position on the frame *b* and lateral displacement thereof prevented, while the frame *a* and the upholstering A are firmly secured to the top frame, *b*, by means of hasps or like devices *h* and buttons *i*, which turn into openings in the hasp or other fastening devices. By making the upholstering A with its frame *a* (which parts constitute the bolster) removable the bolster can be readily taken off, so that the mattress on which it rests can be aired and cleaned independently of the bolster, and the latter likewise treated independently of the mattress, and both parts can be more readily transported from place to place on account of their separability. The springs can also be reached for the purpose of repair, or for replacing one by the other, or for repairing the stringing or ties which connect the upper ends of the springs. The springs are rendered exchangeable the one with the other, if desired; also, the helical rings *k*, which are tubular and hollow and which are closed at one end by a cap *l*, permit the springs to be reversed. As the helicality of the spring *k* corresponds to that of the upper coils of the spring, said coils may be readily slid into the hollow rings *k* until their ends abut against the caps *l*, whereby the rings are firmly connected with the springs. The rings are connected together in the manner that the upper coils of the springs usually are by means of stringing or ties *n*. The upper coils of the springs being in the manner described secured in the rings *k*, the lower coils are sewed or otherwise secured to the web or webbing *m*.

It will be seen that upon severing the stitches which connect the springs to the webbing *m* any non-expert can readily replace damaged springs by new springs simply by rotating the spring which is to be taken out and removing it from the top ring.

While the invention is applied to a com-

bined mattress and bolster, it is evident that the same may be applied to any other form of cushion, as to a chair-seat or the like.

5 Having thus described my invention, I claim as new and desire to secure by Letters Patent—

10 A cushion, consisting of a bottom frame, a web or webbing applied to the bottom frame, spiral springs supported on the bottom frame and webbing, an upper frame fixed to the outer springs and formed with a rabbet, a removable frame correspondingly rabbeted

with the upper frame and fitting thereon, said upper frame being provided with upholstering, and a fastening device connecting the removable frame with the upper frame, substantially as set forth. 15

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

HANS WÜST.

Witnesses:

ALEX WIELE,
MAX SCHEIDIG.