

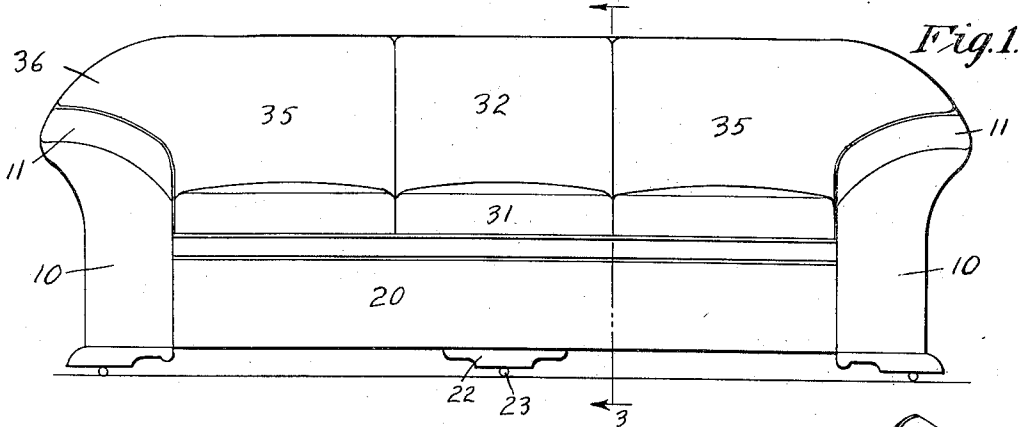
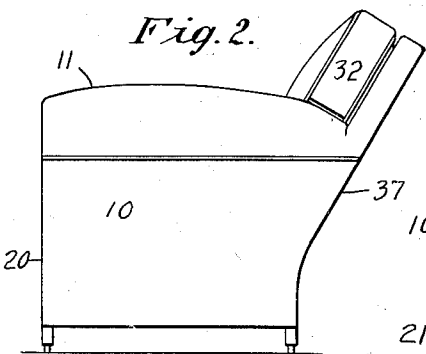
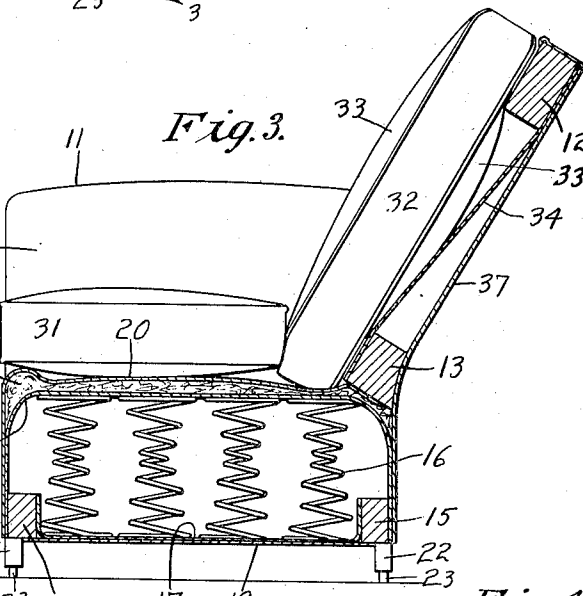
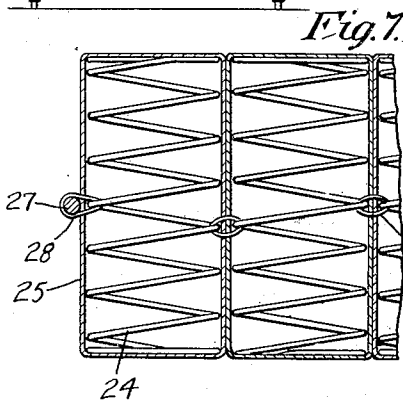
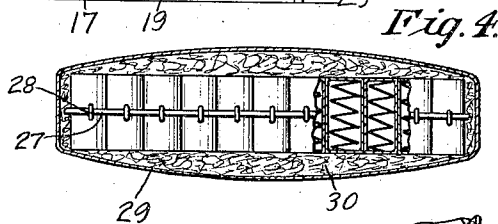
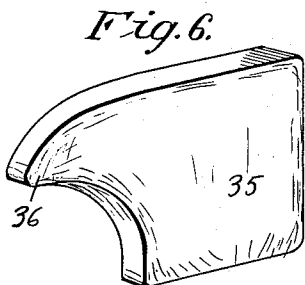
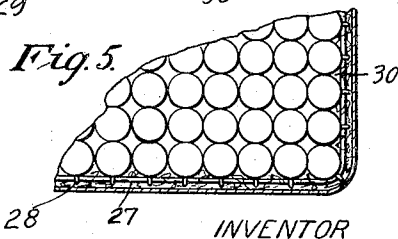
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UPHOLSTERED FURNITURE

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UPHOLSTERED FURNITURE.

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This invention relates to improvements in furniture and has reference more particularly to upholstered furniture in which the cushions which receive the most wear are reversible.

The use of cushions on the backs and seats of furniture which are secured to the frame of the furniture, is undesirable because only one face of the fabric is available to take the wear when the furniture is in use. When the cushions are secured to the back and seat, the comfort and softness of the furniture is greatly reduced as the springs do not have sufficient freedom of movement. When detached cushions are used without springs on the back of the furniture, they are usually not rigid enough to properly hold their shape when standing on edge, and consequently the springs heretofore used in such cushions have been constructed with a rigid supporting wire around each edge of the cushion, with the result that the cushion was uncomfortable.

An object of this invention therefore, is to provide an article of furniture in which the cushions of both the back and the seat have similar fabric on both faces so that they may be reversed, thus giving double the wear; also to provide an article of furniture in which the reversible cushions are provided with springs held together intermediate of their ends with a rigid wire, the latter serving to cause the cushions of the back to hold their shape while standing on edge and to allow the coil springs maximum, independent and free movement, thus giving the furniture the maximum comfort; also to provide cushions for the back of the furniture which cushions are so shaped that the back cushions will be prevented from edge-wise movement; and also to provide a frame construction for the furniture which will be suitable for supporting the reversible cushions with the greatest comfort for the user; also to improve the construction of furniture of this kind in the other respects hereinafter specified.

Reference is to be had to the accompanying drawings, in which:—

Fig. 1 is a front elevation of a davenport in which the improved construction of the invention is used.

Fig. 2 is an end view of the davenport.

Fig. 3 is a sectional view through the davenport on the line 3—3, Fig. 1.

Fig. 4 is a transverse central sectional view through one of the improved cushions.

Fig. 5 is a top sectional view of one of the improved cushions.

Fig. 6 is a perspective view of one of the end back cushions.

Fig. 7 is an enlarged detail sectional view through the springs of one of the cushions.

Referring to the accompanying drawings, 10 indicates the end frames of the davenport which are fitted with arm cushions 11 of any suitable construction. The back frame includes upper and lower back frame members 12 and 13 which are arranged between the end frames 10 in any suitable way. The base frame includes front and rear base frame members 14 and 15 which are secured to the end frames 10 so as to form a rigid construction. Preferably, base springs 16 of any usual construction are compressed between lower supporting fabric strips 17 and upper supporting fabric strips 18. A lower covering 19, preferably of cloth, extends between the base frame members 14 and 15, and an upper covering 20, preferably of finishing material, conceals the springs 16. The space between the cover 20 and strips 18 is preferably filled with a soft material 21, such as cotton or hair. Feet 22 with casters 23 are preferably secured to the base frames 14 and 15, so as to support the davenport on the floor. All of these parts have heretofore been used in connection with davenports, and of themselves constitute no part of this invention.

The reversible cushions embodying the invention are preferably provided internally with a bundle of coil springs 24, each preferably contained and partially compressed in sacks 25, preferably of fabric, Figs. 4, 5, and 7. Each spring 24 is secured near its center to the adjoining spring by means of a binding wire 26, and a semi-rigid wire or spring frame 27 passes around the bundle of coil springs 24 between the upper and lower ends of the springs so as to insure that the cushions, especially the back cushions, hold their shape when standing on edge. Each of the outer springs 24 is connected near its center by binding wire 28 to the wire 27. By passing the wire 27 around the

center of the springs 24 instead of around the two ends of said outer springs, a construction is obtained which is especially desirable for reversible cushions, as the ends of said springs are allowed the maximum independent and free movement so as to provide maximum softness regardless of which face of the cushion is being used. The wire or spring frame is formed to follow the contour of the edges of the cushion on which it is used, so that the frame will insure the cushion retaining its correct shape. A covering 29 surrounds each of the cushions, and a soft upholstering material 30, such as cotton or hair, fills the space between the spring sacks 25 and the covering 29.

For a davenport such as illustrated, a plurality of reversible cushions 31 is employed, which are supported by the covering 20 to form the seat, and a plurality of cushions 32 is supported on the edge on the covering 20 with their back faces supported in an inclined position by the back frame members 12 and 13. It is desirable to have the space between the cushions 32 and the back frame members 12 and 13 as small as possible, as shown in Fig. 2 so that the back cushions have the appearance of being attached to the back frame members 12 and 13, thus presenting the same appearance as upholstered furniture of this nature. Since each of the faces 33 of the back cushion 32 bulge outwardly as a result of the soft material 30, it is necessary to space the frame members 12 and 13 apart so that this bulge may extend therebetween. In order to support the cushions 32 in their center, a strip of fabric 34 is secured obliquely between the outer face of the frame member 12 and the inner face of the frame member 13, this fabric being adapted to contact with face 33 of the cushions and support the same. It should be noted that the fabric 34 is inclined to the plane of the cushion 32 so that the cushion is well supported at its lower side where the pressure from the user is greatest, thus insuring a long life to the cushion.

In constructing a davenport such as the one illustrated it is desirable that the cushions 31 of the seat and 32 of the back be of such size as to closely fit the space available with their adjoining edge abutting so as to prevent the cushions from shifting edgewise. In order to further prevent the two end back cushions 35 from shifting or moving and also to give graceful lines to the piece of furniture, an outstanding curved section or portion 36 is formed on each end back cushion 35, said section being so formed that the lower edge thereof is adapted to closely fit the upper face of the arm cushion 11. Thus the end back cushions are supported on their bottom edge and also substantially half way up by the curved sec-

tion 36 so that the end cushions 35 are well supported and prevented from shifting edgewise away from the center back cushion, the curved sections forming trusses which cooperate with the arm cushions to prevent the outer unsupported sides of the end cushions from getting out of shape due to the use to which the davenport is subjected. When it is desired to reverse the faces of the end cushions 35 to provide double the wear, the end cushions are interchanged end for end so that the curved section 36 fits properly over the arm cushion 11. A covering 37, preferably of finishing material, extends across the back of the davenport concealing the frame members 12, 13 and 15.

I claim as my invention:—

1. In an article of upholstered furniture, the combination of a frame for the back of said article including frame members extending around the edge portions of said frame, said frame having a recessed portion between said frame members, and a reversible back cushion adapted to be removably supported by said back frame and having bulging faces at opposite sides thereof, either of said faces being adapted to enter the recessed portions of the back frame to hold said cushion in correct relation thereto.

2. In an article of furniture, the combination of a reversible and removable back cushion having opposite bulging faces, and a back supporting frame including frame members extending around the edge portions of said frame, and adapted to engage edge portions of said cushion, the space between said frame members permitting either bulging face of the cushion to enter therebetween to enable the edge portions of the cushion to lie closely to the edge portions of the frame, and means secured to said frame members to support the rearwardly bulging face of said cushion.

3. In an article of upholstered furniture, the combination of a back frame having frame members at the edge portions thereof and a recessed portion between said frame members, a reversible back cushion covered with finishing material on both sides and loosely resting on one edge thereof in a position to rest against said back frame, said back supporting cushion having coil springs arranged therein forming bulging faces at opposite sides of said cushion and which are adapted to enter into said recessed portion of the back frame, said cushion having a wire frame secured to the springs intermediate of the ends thereof so that the opposite ends of each coil spring are adapted to move independently of each other, said frame wire serving to hold all parts of the cushion in proper relation to each other when the cushion is standing substantially upright on one side thereof.

4. In an article of furniture, seat supporting frame members, an upper and lower back supporting member rigidly associated with said seat frame members, an inclined
5 fabric extending obliquely from the rear face of the upper frame member to the front face of the lower frame member, and a removable back cushion supported on edge and resting against said fabric and frame members, whereby the upper edge of said back cushion will lie against the front face of said upper frame member and the lower portion of said back cushion will bear against said fabric. 20

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