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DIVAN WITH INDEPENDENTLY ADJUSTABLE BACK AND SEAT

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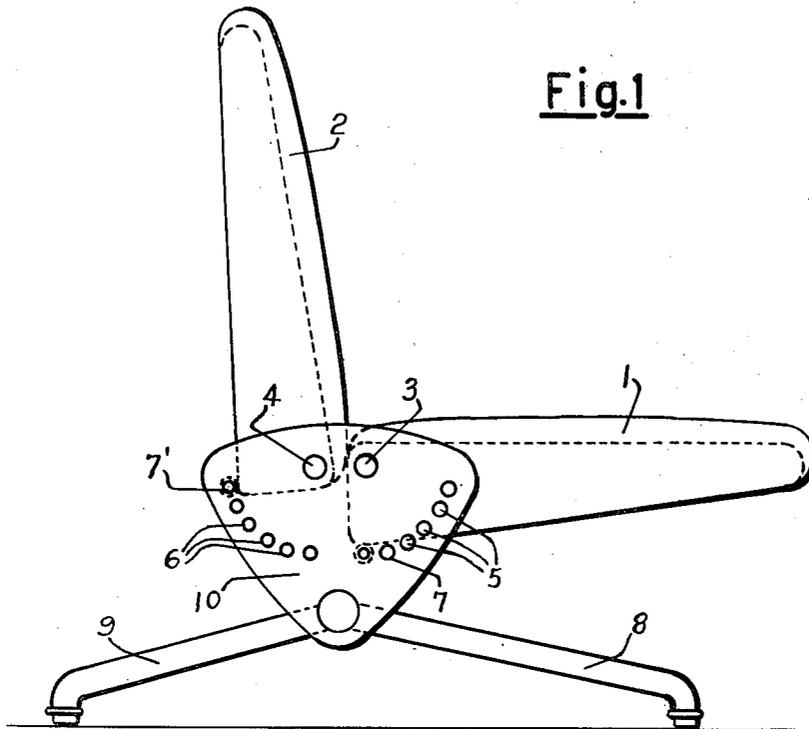


Fig. 1

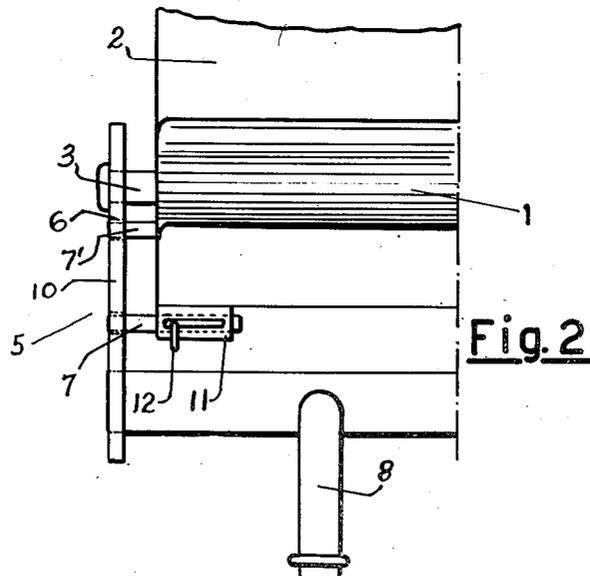


Fig. 2

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**DIVAN WITH INDEPENDENTLY ADJUSTABLE  
BACK AND SEAT**

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Claims priority, application Italy September 14, 1954

5 Claims. (Cl. 155—118)

This invention relates to a divan characterized in that the two main component pairs, viz. the seat and the back, are both susceptible of being sloped and set at a determined angle, and are independent of each other, means being provided to settle each of said parts in the desired position.

The movement of either seat or back is always independent of the movement of the other part, no matter what is the actuating means, manual or mechanical.

In one of the plainest embodiments the two main component parts aforementioned are hinged on two side plates affixed to the legs of the divan, said plates being provided with a row of holes arranged on an arc of a circle the center of which is on the hinges: every one of said main component parts is fitted with a pivot which can slide along its own axis, thus said pivot being allowed to engage any of said holes and consequently settling the part in the desired position.

A divan manufactured according to this invention not only allows to settle either back or seat in the most comfortable position but also to interchange the mutual positions of back and seat and to transform readily the divan into a bed, this last result being obtainable by sloping down both back and seat until they are brought to lie in the same plane. To further clarify the invention, reference is now made to the accompanying drawings, wherein:

Fig. 1 is a side elevational view of the divan,

Fig. 2 is a plan view showing the detail of the locking device.

The main component parts of the divan are seat 1 and back 2, which are hinged, in correspondance of one corner, in the points 3 and 4 respectively of two side plates 10, every one of said plates being affixed to the legs 8 and 9. Every plate is provided with two rows of holes, 5 and 6, arranged along an arc of a circle the center of which is on hinges 3 and 4; every one of back 1 and seat 2 is fitted with a pivot, 7 and 7' respectively, said pivot being allowed to slide inside a bush 11 which is fixed to the respective back or seat. Pivot 7 may engage any of holes 7, while pivot 7' may engage any of holes 7': every pivot can be locked in position by means of a locking screw 12.

Pivots and locking devices can be operated by hand or mechanically and even a sole actuating member can be provided to operate both.

The foregoing is but an illustrative example, as the invention can equally apply to a chair or armchair or any other seat, without departing from the purposes of the invention. It is obvious that the mutual position of the back and the seat can be varied whenever desired so as to interchange the respective functions. It is equally easy to slope the two elements, back and seat, so as to bring

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them to lie in the same plane thus transforming the divan into a bed.

Also the means apt to fix the back and the seat to the side plates in the different positions can be made in a way different from the one hereinabove described.

What I claim is:

1. An article of furniture comprising a base support, a back member, first means pivotally mounting the back member on the base support for vertical swinging movement of said back member, a seat member, second means pivotally mounting the seat member on the base support for vertical swinging movement independent of the movement of the back member, said first and second means being disposed in the same horizontal plane and cooperative means on the base support concentric to said first and second means and on each of the back and seat members for locking said members in selected positions of relative angularity.

2. A chair or the like article of furniture comprising a base support, a back member, first means pivotally mounting the back member on the base support for vertical swinging movement of said back member, a seat member, second means pivotally mounting the back member on the base support for vertical swinging movement independent of the movement of the back member, said base support having a series of spaced locking elements provided thereon and arranged concentric to the first and second means and the back and seat members each having a locking means cooperative with the locking elements to independently lock the back and seat members in selected positions of relative angularity.

3. A chair or the like article of furniture comprising a pair of spaced apart side plates, means connected to each plate for supporting it in a vertical position, a back member disposed between the plates, a first pivot means pivotally mounting the back member to the plates for vertical swinging movement of the back member, a seat member disposed between the plates, a second pivot means pivotally mounting the seat member to the plates for vertical swinging movement of the seat member, each of said plates having a series of openings arranged concentric to the first and second means and said back member and seat member each having a locking element selectively positionable in the openings to lock the back and seat members in selected positions of relative angularity.

4. A chair as claimed in claim 3, wherein said locking elements include axially slidable bolts disposed at each end of the back and seat members and extendable laterally therefrom and means mounting said bolts on said members and holding them in the openings.

5. A chair as claimed in claim 3, wherein said first and second means are disposed in the same horizontal plane and said openings are arranged in an arc of a circle below the first and second means with the center of the arc lying on the axis of said first and second means.

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