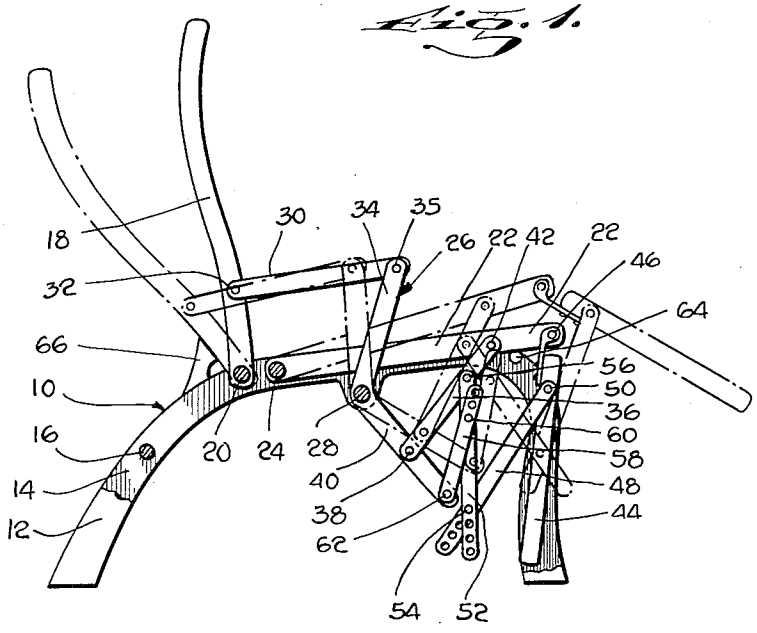
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ARTICLE OF REPOSE FOR SUPPORTING THE BODY OF A PERSON

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Fig. 1.



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ARTICLE OF REPOSE FOR SUPPORTING THE BODY OF A PERSON

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3 Claims. (Cl. 155—106)

This invention relates to articles of furniture and more particularly to articles of furniture wherein a back-rest and seat swingably mounted on a support are movable links of a link system including a controlling member swingably mounted on said support and controlled by movements of the back-rest.

It is an object of the invention to provide a control-link mechanism for a leg-rest swingably mounted on the front portion of a seat of an article of furniture of above described type, said controlling mechanism causing a comparatively great initial speed of the leg-rest when the movable members of the chair are moved from the sitting position into a reclined position.

Another object of the invention is to improve on the construction of articles of furniture as now customarily made.

Other objects and structural details of the invention will be apparent from the following description when read in conjunction with the accompanying drawings forming part of this specification, wherein:

Fig. 1 is a side elevational view of a chair according to the invention, a portion of a side frame being broken away.

Referring now to Fig. 1, 10 generally indicates a support comprising side frames **12** and **14** connected with each other by a cross bar **16**.

A back-seat **18** is swingably mounted on the support **10** at **20**. The rear portion of a seat **22** is swingably mounted on the support **10** at **24**. A controlling member **26** in the shape of a double-armed lever is swingably mounted on a lug of the support **10** at **28**. The rear end of a first connecting link **30** is pivoted to the back-rest **18** at **32**. The front end of said connecting link **30** is pivoted to the upper arm **34** of the controlling member **26** at **35**. The lower end of a second connecting link **36** is pivoted at **38** to the lower arm **40** of the controlling member **26**. The upper end of said second connecting link **36** is pivoted to the seat **22** at **42**.

A leg-rest **44** swingably mounted on the front portion of the seat **22** at **46** is in pivotal connection with a controlling link **48** at **50**. Said controlling link **48** in turn is pivoted to the lower end of a controlling arm **52** at **54**. The upper end of said controlling arm **52** is pivoted to the second connecting link **36** at **56**. One end of a controlling bar **58** is pivoted to said controlling arm **52** at **60**. The other end of said controlling bar **58** is pivoted to the lower arm **40** of the controlling member **26** at **62**.

The sitting position of the movable members of the chair is limited by a stop **64** arranged on the support **10** for abutting engagement with the lower surface of the seat **22**. The extreme reclined position of the movable members of the chair shown in dash and dot lines is limited by a stop **66** arranged on the support **10** for abutting engagement with the back-rest **18**. During the movement of the movable members of the chair from the sitting position into the reclined position, the leg-rest **44** is swung forwardly and upwardly in such a way that it reaches an elevated position when the back-rest and seat are only slightly inclined. This feature is obtained by the arrangement of above described controlling mechanism **48**, **52**, **58**, for the leg-rest **44**.

The pivotal connection **54** between the controlling link **48** and the controlling arm **52** as well as the pivotal connection **60** between the controlling arm **52** and the controlling bar **58** may be adjusted by the arrangement of series of holes capable of selective engagement with the pivots.

If desired, the chair shown in the drawing may be equipped with locking means for holding the movable members of the chair in any desired position.

I have described preferred embodiments of my invention, but it is understood that this disclosure is for the purpose of illustration and that various omissions or changes in shape, proportion and arrangement of parts, as well as the substitution of equivalent elements for those herein shown and described may be made without departing from the spirit and scope of the invention as set forth in the appended claims.

For example, while according to the chair shown in the drawing the controlling bar **58**, is connected with the controlling members **26**, said controlling bars could also be pivoted with a downward extension of the back-rest.

Furthermore, the pivoted connections of the seat and back-rest with the support could be arranged in coaxial alignment with each other instead of at spaced points as shown in the drawing.

What I claim is:

1. An article of repose for supporting the body of a person, comprising in combination: a support, a back-rest-member swingable on said support, a seat, the rear portion of said seat being swingable on said support, a double-armed controlling member swingably mounted on said support, a first connecting link pivoted at one of its ends to the structure of said back-rest-member and at its other end to one arm of said controlling member, a second connecting link pivoted at one of its ends to the other arm said controlling member and at its other end to said seat, a leg-rest swingably mounted on the front portion of said seat, a controlling arm pivoted to said second connecting link, a controlling bar pivoted at one of its end portions to said controlling arm and at its other end portion to said other arm of said controlling member, and means interposed between said controlling arm and said leg-rest for effecting movement of the later in coordination with said controlling arm.

2. In an article of repose as claimed in claim 1, said controlling arm being pivoted to said second connecting link at a point located between the pivotal connection of the latter with the seat and the pivotal connection of said connecting link with the controlling member.

3. In an article of repose as claimed in claim 1, said means between said controlling arm and leg-rest including a link pivoted to said controlling arm and to said leg-rest.

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