

Sept. 4, 1934.

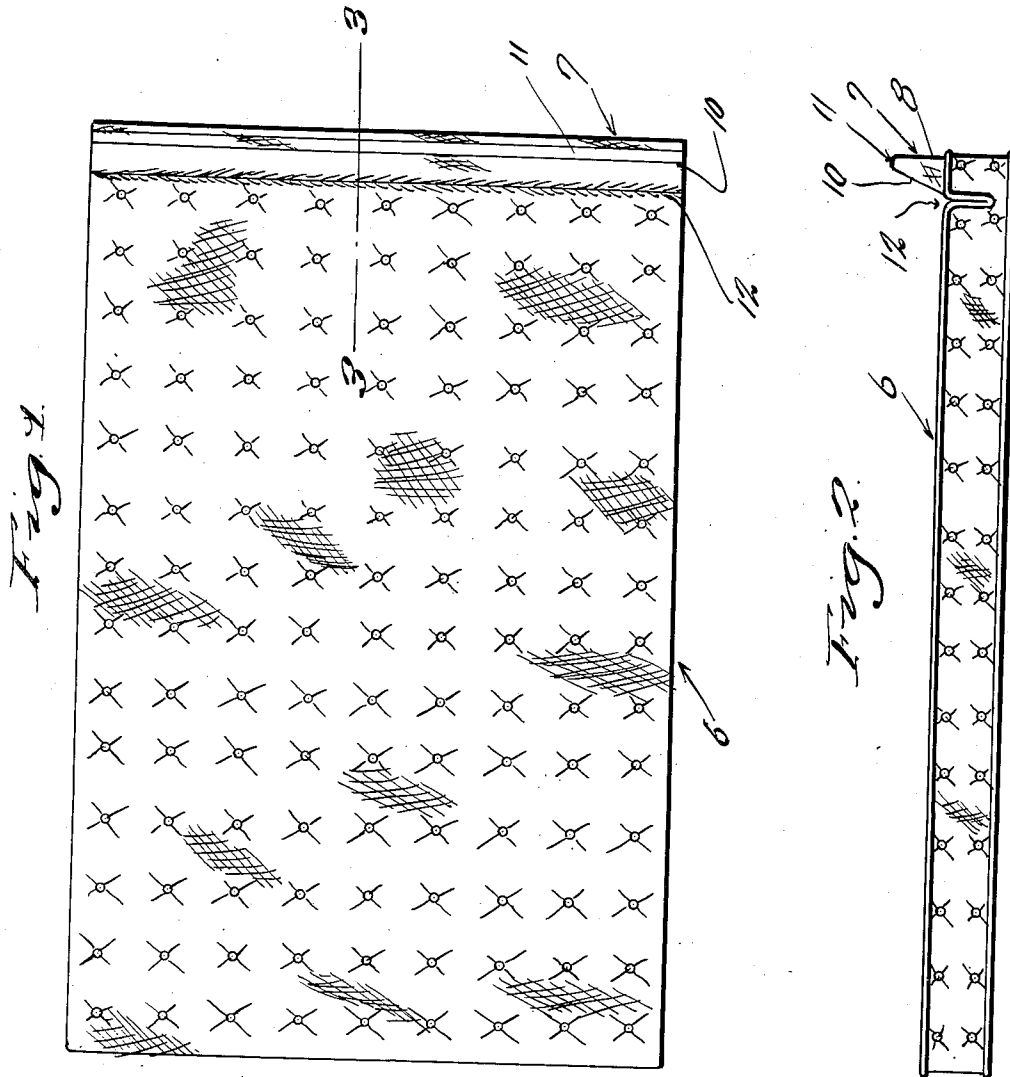
W. G. BAIRD

1,972,673

MATTRESS

Filed Dec. 18, 1933

2 Sheets-Sheet 1



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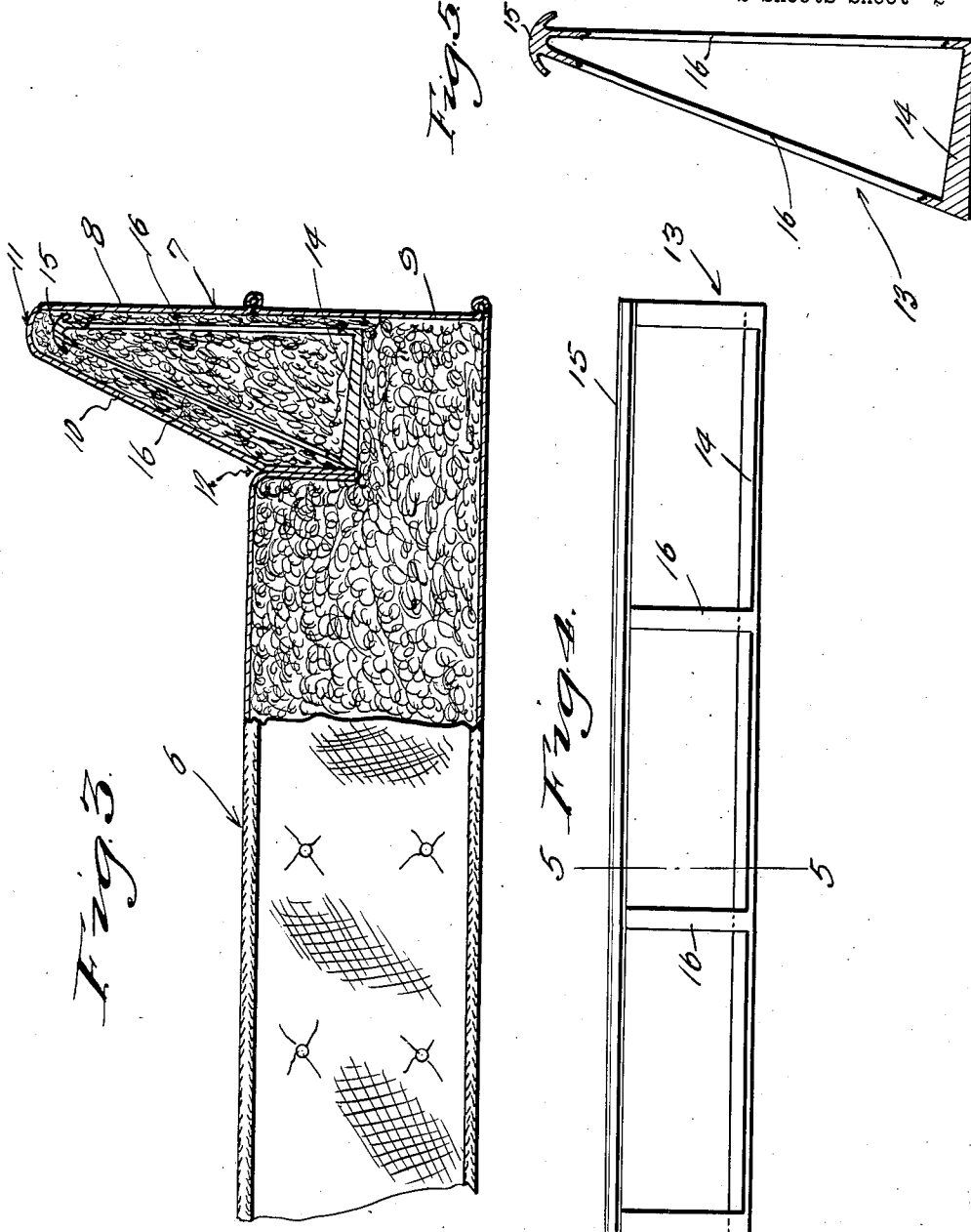
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UNITED STATES PATENT OFFICE

1,972,673

MATTRESS

William G. Baird, Bottineau, N. Dak.

Application December 18, 1933, Serial No. 702,995

1 Claim. (Cl. 5—355)

This invention relates to an improved mattress and more especially to an ingenious structural refinement of a supplementary nature intended to serve in one instance as a foot rest, and secondly, as a riser functioning as a means to elevate the bed clothing so as to prevent it from resting heavily and uncomfortably upon the toes of the occupant when lying on his back.

Admittedly the broad idea and principle reflected in the introductory statement is not new. In fact I am aware that a number of prior patents exist wherein foot accommodation means is utilized either as a permanent part of the mattress or as an attachable accessory. Moreover such devices are used as foot supports and elevating means for bed covering.

My general familiarity with the prior art therefore permits me to point out that my primary aim is to generally improve upon such known arrangements by providing a structurally different and mechanically refined mattress wherein the terminal means is simplified, strengthened and appropriately shaped and proportioned to afford features of accommodation and adaptation calculated to transcend the result attainable with the admittedly old structures.

One feature of the invention is predicated upon a built in or integral mattress supplement which is scientifically and correctly shaped and designed to promote greater comfort and convenience while at the same time embodying strength, durability and economy.

A further feature of the invention is predicated upon the particular method or formation of the cover supporting riser by joining the frontal base portion thereof to the body of the mattress in such a way as to provide a keeper slot or pocket into which one end portion of a sheet may be tucked so that it will adhere and conform to the shape of the body of the mattress as well as the attachment and thereby promote the requisite eye and dress appeal desirable in a structure of this class.

Other features and advantages will become more readily apparent from the following description and drawings.

In the drawings:

Figure 1 is a top plan view of a mattress embodying the improved feature.

Figure 2 is a side elevational view thereof.

Figure 3 is a fragmentary sectional view on an enlarged scale, the section being taken somewhat on the plane of the line 3—3 of Figure 1.

Figure 4 is an elevational detail view of an insert or framework which is built into the at-

tachment to serve as a stabilizing and reinforcing member.

Figure 5 is a transverse section on the line 5—5 of Figure 4.

In the drawings the mattress proper is differentiated by the numeral 6 and this may be of ordinary construction. The terminal attachment is distinguished as a unit by the numeral 7. It is preferably formed as an integral part of the mattress although it may be made separately and joined in some practicable manner. Looking at the cross sectional shape of the attachment it may be said to be of trapezoidal form. The degree of elevation above the top surface of the mattress may be as conditions demand or require. As thus constructed it will be observed that the rear or outside face of the attachment is substantially straight as indicated at 8 and flush with the end 9 of the mattress. The front face is inclined forwardly and downwardly as at 10 to provide a convenient rest for the feet when placed in a natural position when the occupant is lying on his back. The crown portion 11 is rounded somewhat so as to provide for convenient making of the bed. The attachment is of course filled with hair or equivalent material the same as is placed in the body of the mattress. Likewise the same covering is used on the attachment as on the mattress. It is to be observed that the frontal base portion of the attachment is joined to the mattress proper by surplus covering material which is folded upon itself to define what may be designated as a keeper slot 12. This extends the full transverse width of the foot portion of the mattress and is intended to permit one end portion of a sheet (not shown) to be tucked into it and then drawn up over the surfaces 10, 11 and 8. For the sake of strength and rigidity there is an insert of wood or light weight material which is designated as a reinforcing framework 13. This is placed in the packing to give shape and form to the attachment. This comprises a suitable base plate 14 and a rounded or arcuate head 15 the parts being joined together by converging members or arms 16.

In cross sectional shape the framework 13 is somewhat triangular and the vertical dimensions thereof are such that the base plate 14 is disposed in alinement with the crotch of the pocket 12 and the apex portion located beneath the rounded crown 11.

A device when constructed in accordance with the drawings and description is aptly fitted for the purposes intended, is strong and durable, 110

simple and economical and otherwise adequately made to serve the desired purposes.

A careful consideration of the foregoing description in conjunction with the illustrative drawings will enable the reader to obtain a clear understanding of the purpose, features and advantages, the explicit construction, and the invention as hereinafter claimed.

It is to be understood that minor changes in shape, size, relative proportions, and materials may be resorted to in practice without departing from the spirit of the invention or the scope of the invention as now claimed.

Having thus described my invention, what I claim as new is:

A mattress of the class described including a body composed of filling material and a cover, an upright frame including a base part, a vertically arranged outer side part and a sloping inner side part extending from the base to the upper end of the outer side part, an arcuate head at

the top of the frame, the lower part of the frame extending into the upper portion of the body at one end thereof with the base resting on the filling material and the cover extending upwardly from said end of the body in spaced relation to the outer side part and then curving over the arcuate head and spaced therefrom, the cover then extending downwardly and inwardly parallel to and spaced from the sloping side part, to a point in alignment with the top part of the cover, the cover then extending vertically downwardly to the inner edge of the base part of the frame and then upwardly where it joins the upper portion of that part of the cover which covers the main part of the filling material, the two vertical parts last mentioned contacting each other to form a keeper slot, and filling material filling the frame and the spaces between the parts of the frame and the extended portions of the cover.

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