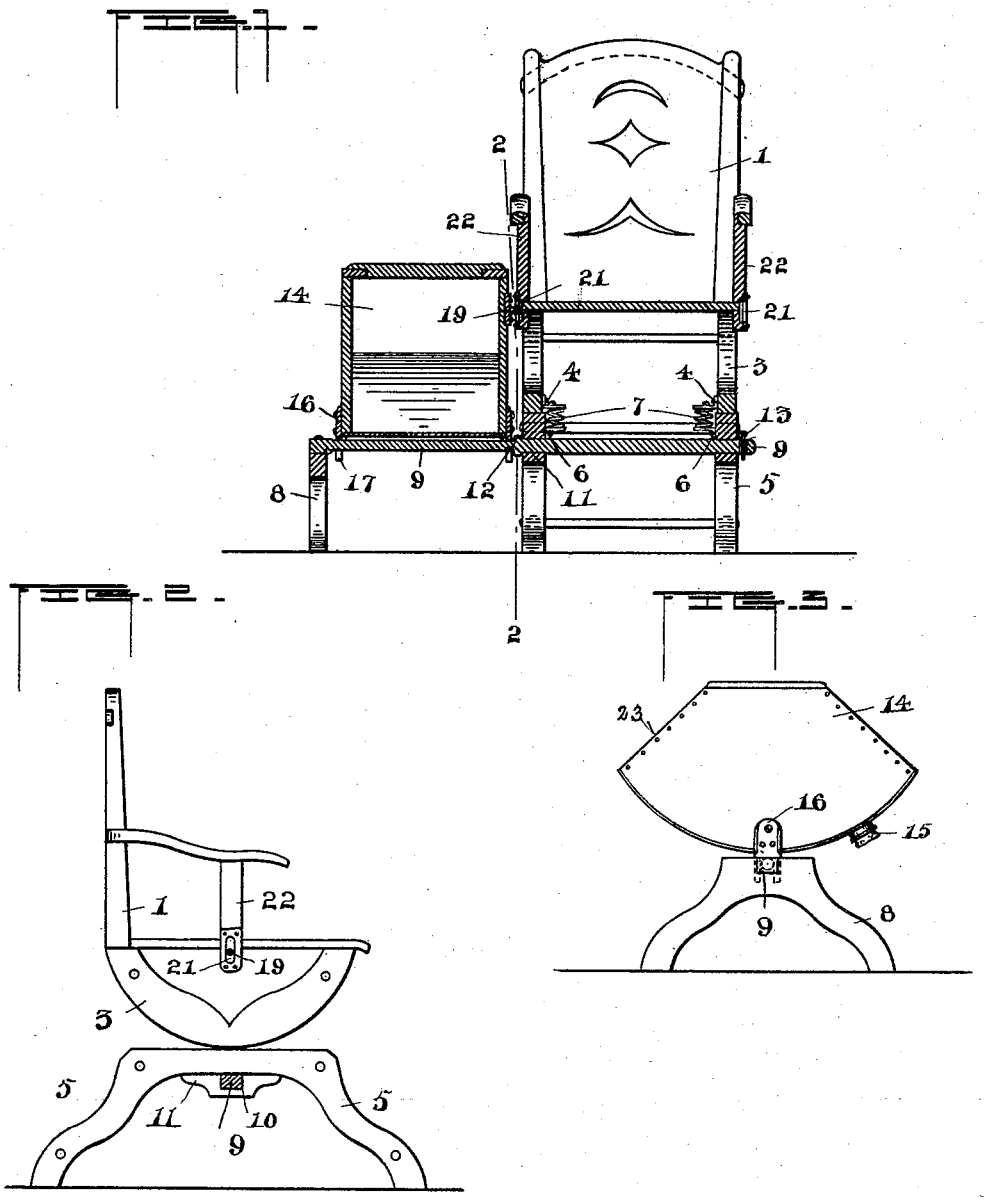
(No Model.)

J. R. HAYSLIT.

CHURN.

No. 494,202. Patented Mar. 28, 1893.



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UNITED STATES PATENT OFFICE.

JAMES R. HAYSLIT, OF WAYNESVILLE, OHIO.

CHURN.

SPECIFICATION forming part of Letters Patent No. 494,202, dated March 28, 1893.

Application filed October 8, 1892. Serial No. 448,191. (No model.)

To all whom it may concern:

Be it known that I, JAMES R. HAYSLIT, a resident of Waynesville, in the county of Warren and State of Ohio, have invented certain new and useful Improvements in a Combined Churn and Rocking-Seat Mechanism; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

The invention relates to churns operated by rocking seat mechanism and has for its object to simplify and cheapen prior constructions and therewith to secure easy detachability of the churn and its supporting base from the chair and from each other, the chair being when thus separated devoid of any inconvenient or unsightly adjuncts unnecessary or detrimental to its use as a chair.

In the accompanying drawings: Figure 1 is a central section through a chair and churn. Fig. 2 is a transverse section on line 2—2 of Fig. 1. Fig. 3 is a detail.

A rocking chair is denoted by numeral 1, and its base by 2. To each rocker 3 is secured a spring holding bracket 4. A chair base is denoted by 5, which is provided with brackets 6. Between the brackets 4 and 6 are secured springs 7.

A churn-supporting base is denoted by 8 and a supporting bar by 9. This has a rounded part adapted to receive the churn and a part angular in cross section extended through similarly shaped slots 10 in the chair base. These slots may conveniently be formed in brackets 11 secured to said base on the underside.

12 is a shoulder which determines the distance to which the bar 9 can be entered through a slot. To prevent the accidental withdrawal of the bar 9 a pin 13 may be used if desired.

A churn is indicated by 14, and a spout and stopper at 15. The bottom of the churn is preferably curved as shown and made of sheet metal tacked upon wood but these particular details are not essential.

16 indicates two supporting posts firmly secured to the churn and provided with bearings 17 adapted to embrace and rest upon the rounded part of the bar 9. These bearings will by preference be made of metal.

19 denotes a stout pin or stud firmly secured to the churn. It has an elongated head adapted to be screwed to the churn. This head is placed in a recess 20 which it is made to fit so that its face next the pin is in the same plane with the exterior of the churn and so that the walls of the recess closely embrace the edges of the head. In such construction the head will be held securely by small screws which need not pass entirely through the wall of the churn.

21 denotes a slot formed preferably in a metal plate attached to a chair post 22. This slot is to receive the pin 19 and the construction is such that when the chair is rocked the churn may also be rocked on the bar 9, through the medium of the said pin, the latter being free to rise and fall in the slot as required but restrained from moving transversely to the length of the same. Both posts 22 may be provided with slotted metal plates whereby the churn can be used on either side of the chair.

In operation the contents of the churn will be moved to and from its ends and will be thrown against the inclined upper walls 23 thereof in manner to churn the same very efficiently. When not in use the churn can be detached by simply lifting it from its support or base and the churn base can also be withdrawn whereupon the chair is left ready for ordinary use without any conspicuous projections or incumbrance to distinguish it from an ordinary chair. The construction whereby the churn can be used on either side of the chair is very convenient under some circumstances and it also provides means for dividing the effects of wear and strain between the two sides.

The improvement is characterized by the small number of fastenings required and by the great simplicity of the devices for combining the churn and chair notwithstanding the increased capacity and efficiency of the combination.

It is obviously immaterial whether the pin 19 is attached to the churn or chair if the slot to receive it be correspondingly situated, except that the projection of a pin from the chair would be objectionable when the churn was not in use.

The arrangement and form of the springs and other details and materials named herein

may be varied provided substantially the same principles of construction and operation are preserved.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a churn having rocking seat mechanism the chair base having slots 10 combined with the churn base provided with the bar 9 and with a churn having bearings on said bar and connected to the rocking seat; substantially as set forth.

2. In a churn having rocking seat mechanism the chair base having slots 10 combined with the churn base provided with the bar 9 and with a churn having bearings on said bar and connected to the rocking seat by means of a pin and slot; substantially as set forth.

3. In a churn having rocking seat mechanism the chair base having slots 10 combined with the churn base provided with the rounded bar 9 and with a churn having bearings on said bar and connected to the rocking seat by means of a pin and slot, said bearing being formed in posts 16; substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JAMES R. HAYSLIT.

Witnesses:
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