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W. A. KRESS.

DEVICE FOR SWINGING HAMMOCKS.

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Witnesses
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UNITED STATES PATENT OFFICE.

WILLITTS A. KRESS, OF ARKANSAS CITY, KANSAS.

DEVICE FOR SWINGING HAMMOCKS.

No. 820,212. Specification of Letters Patent. Patented May 8, 1906.

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To all whom it may concern.

Be it known that I, WILLITTS A. KRESS, a citizen of the United States, residing at Arkansas City, in the county of Cowley and State of Kansas, have invented a new and useful Device for Swinging Hammocks, of which the following is a specification.

This invention relates to devices for swinging hammocks, and has for an object to provide a device of the class embodying new and improved features of simplicity, convenience, durability, and efficiency.

A further object of the invention is to provide a lever flexibly connected to one side of a hammock and with one end resting on the ground or floor and the other extending somewhat above the hammock and the flexible connection within easy reach of the occupant, so that a pushing movement of the top of the lever will swing the hammock.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made without departing from the spirit or sacrificing any of the advantages of this invention.

In the drawings, Figure 1 is a perspective view of a hammock with the improved swinging device applied. Fig. 2 is a view of the device in side elevation.

Like characters of reference indicate corresponding parts in both figures of the drawings.

The improved swinging device forming the subject-matter of this application is adapted to be attached to any hammock hung in the usual manner and shown conventionally at 10. The device comprises a lever or rod 11, preferably tapered, with the smaller end downward and provided with an elastic or other approved foot 12. As shown, the foot is a rubber tip similar to those usually and commonly used upon chair-legs or crutches; but a special tip or foot may be provided and in other form and of other material.

At its upper end the lever is provided with any approved and convenient handhold. (Shown in the drawings as the ball 13.) Into one side are inserted a plurality of spaced screw-eyes 14, either one of which is engaged by a snap-hook 15, carrying a rope or cord 16, either single or branched. The cord is provided at its end or ends with a clamp or clip of any approved form, as 17, arranged to clamp upon the edge of the hammock.

To swing a hammock by use of the improved device, the occupant grasps the handhold, as shown, with the foot on the ground or floor as a fulcrum and held there by the weight of the hand. By a pushing movement of the top of the lever the hammock is moved toward the side of the lever and swings back beyond the center of gravity in the well-known manner. After the hammock has reached the limit of its return movement stress is again exerted upon the lever, which moves the hammock, as in the first instance, but farther, in the well-known manner. When the hammock has acquired the desired amplitude of swing, it may be maintained by very slight exertion and but small movement of the hand owing to the portion of the lever above the snap-hook being but short relative to the portion below.

When sufficient momentum has been acquired, the lever and connections may be lifted into the hammock, which will continue to swing on the well-known pendulum principle, and when the arc of swing has decreased sufficiently the lever may be again put out and operated.

Instead of taking the lever into the hammock, as above mentioned, the lever may be simply released and allowed to swing with the hammock.

For use with the hammock suspended at different heights or to vary the leverage the snap-hook may be engaged in either one of the several eyes.

When not desired for use, the lever may be disconnected at the snap-hook or the clamps 17 may be disconnected from the hammock.

Having thus described the invention, what is claimed is—

1. As an article a lever provided with a foot at one end and a handhold at the other end and with eyes spaced longitudinally thereof and means engaging one of the eyes for attachment to a hammock.

2. As an article a lever provided with an elastic foot at one end and a handhold at the other end, screw-eyes inserted in the lever adjacent the handhold and in a series spaced longitudinally of the lever, a snap-hook engaged in one of the eyes, a cord connected to the snap-hook and a clasp carried by the cord proportioned to engage the edge of a hammock.

3. As a new article of manufacture a hammock-propelling attachment comprising a lever having a handhold, a flexible device adjustably connected to the lever and means for securing said device to a hammock.

4. As a new article of manufacture a propelling attachment for hammocks comprising a lever having a handhold, a flexible device adjustably connected to the lever and clasps carried by said device and adapted to be secured to a hammock.

5. As an article of manufacture a propelling attachment for hammocks comprising a lever having a handhold at one end, a plurality of alining eyes extending from the lever, a flexible device detachably secured to one of said eyes and clasps for fastening said device to a hammock.

6. As a new article of manufacture a propelling attachment for hammocks comprising a lever having a handhold at one end, a plurality of eyes extending from the lever, a flexible device, means secured thereto for detachably engaging any one of the eyes, and clasps upon the flexible device for engaging a hammock.

7. The combination with a hammock; of a propelling device therefor comprising a flexible device, means for securing the same to a hammock, a lever adapted to contact at one end with the ground and having a handhold at its other end, and means for adjustably securing the lever to the flexible device.

8. As a new article of manufacture a hammock-propelling device comprising a lever having a handhold, a connecting device adjustably fastened to the lever, and means for securing said device to a hammock.

9. As a new article of manufacture a propelling attachment for hammocks comprising a lever having a handhold, a connecting device adjustably and detachably fastened to the lever and means for securing said device to a hammock.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLITTS A. KRESS

Witnesses:
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