

C. FORGERSON.
 LOOSE LEAF BOOK.
 APPLICATION FILED MAY 19, 1911.

1,001,131.

Patented Aug. 22, 1911.

Fig. 1.

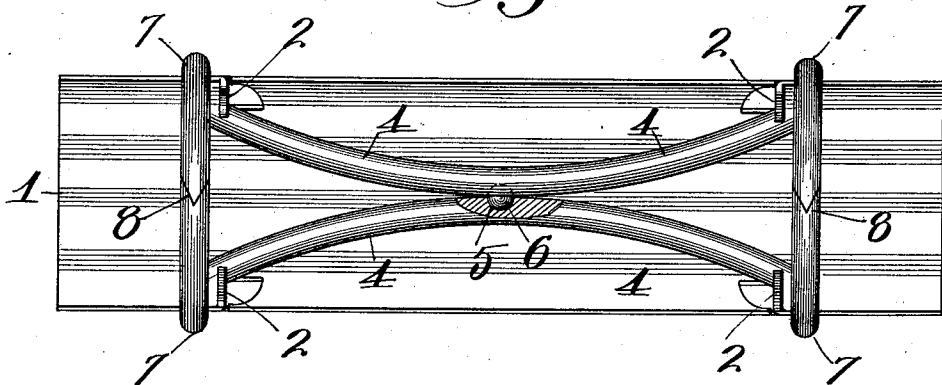


Fig. 2.

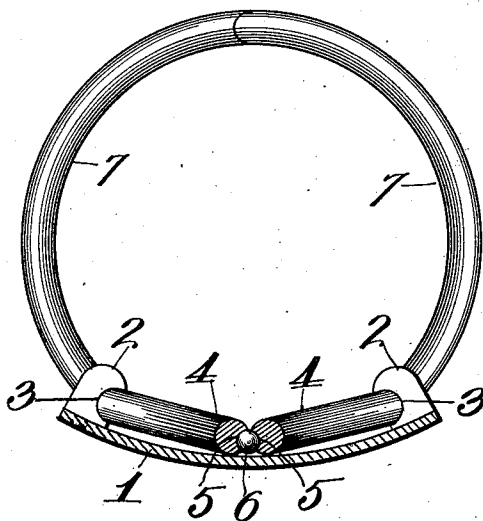
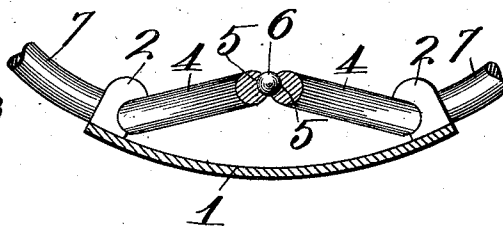


Fig. 3.



Witnesses
Frank R. Glon
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By [Signature] Atty.

UNITED STATES PATENT OFFICE.

CHARLES FORGERSON, OF ROSEDALE, KANSAS, ASSIGNOR OF ONE-HALF TO CLYDE S. LEAVENGOOD, OF ROSEDALE, KANSAS.

LOOSE-LEAF BOOK.

1,001,131.

Specification of Letters Patent. Patented Aug. 22, 1911.

Application filed May 19, 1911. Serial No. 628,239.

To all whom it may concern:

Be it known that I, CHARLES FORGERSON, a citizen of the United States, residing at Rosedale, in the county of Wyandotte and State of Kansas, have invented certain new and useful Improvements in Loose-Leaf Books, of which the following is a specification.

This invention relates to loose leaf books of the type embodied in my application filed April 22, 1911, Ser. No. 622,808, and my object is to produce a loose leaf book device of the type mentioned provided with simple and efficient means for insuring movement of the hook carrying bars in unison.

With this object in view the invention consists in certain novel and peculiar features of construction and organization as hereinafter described and claimed; and in order that it may be fully understood reference is to be had to the accompanying drawing, in which—

Figure 1, is a plan view of a loose leaf book embodying my invention, one of the bars being broken away to more clearly expose certain features of construction, the cover and leaves of the book being omitted. Fig. 2, is an enlarged central cross section with the hooks closed or interlocked at their free ends to constitute rings for engagement with the leaves. Fig. 3, is a section taken in the same plane as Fig. 2 but with the hooks open or disengaged from each other.

In the said drawing 1 indicates a base plate of channeled form by preference, as shown, and 2 are bearing lugs projecting upward from the base plate and arranged near each end thereof in opposing pairs, the inner edges of the lugs being concaved at 3 to constitute journals for a pair of reversely bowed spring bars 4, extending longitudinally of the plate, the central portions of said bars being juxtaposed and provided with hemispherical recesses 5, and fitting in said hemispherical recesses is a ball 6, whereby the bars are compelled to move in unison then the rings constituted by the

hooks, are opened and closed, the said hooks being formed at the opposite ends of the bars and bowed in opposite directions as customary, and the hooks are so formed at their free ends that they will interlock together when the rings are closed, as at 8.

From the above description it will be apparent that I have produced a loose leaf book device embodying the features of advantage enumerated as desirable, and I wish it to be understood that while I have illustrated and described the preferred embodiment of the invention, I do not desire to be restricted to the exact details of construction shown and described as obvious modifications will suggest themselves to one skilled in the art.

I claim:

1. In a loose leaf book, a base plate, a pair of reversely bowed spring bars journaled on said plate and provided with oppositely bowed hooks and at the crests of their bowed portions with opposed recesses, and rounded means arranged between the bowed bars and fitting in the recesses thereof.

2. In a loose leaf book, a base plate, a pair of reversely bowed spring bars journaled on said plate and provided with oppositely bowed hooks and at the crests of their bowed portions with opposed recesses, and a ball arranged between said bars and fitting in the recesses thereof.

3. In a loose leaf book, a base plate, a pair of reversely bowed spring bars journaled on said plate and provided with oppositely bowed hooks and at the crests of their bowed portions with opposed recesses of hemispherical form, and a ball arranged between the bars and occupying said hemispherical recesses.

In testimony whereof I affix my signature, in the presence of two witnesses.

CHARLES FORGERSON.

Witnesses:

HELEN C. RODGERS,
G. Y. THORPE.