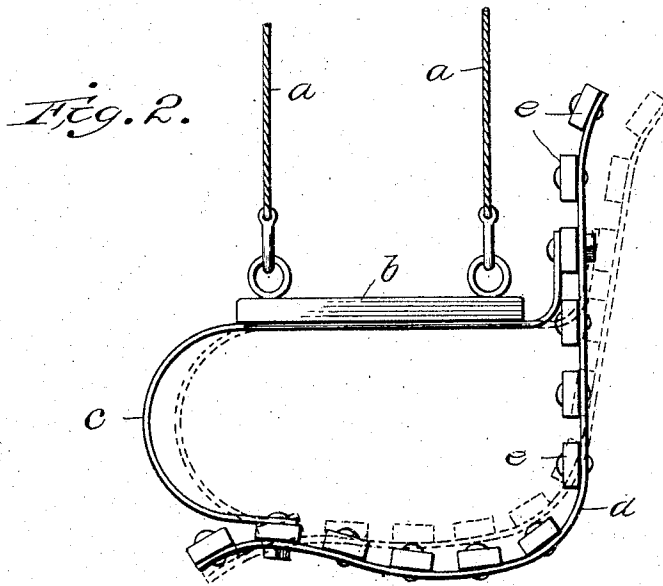
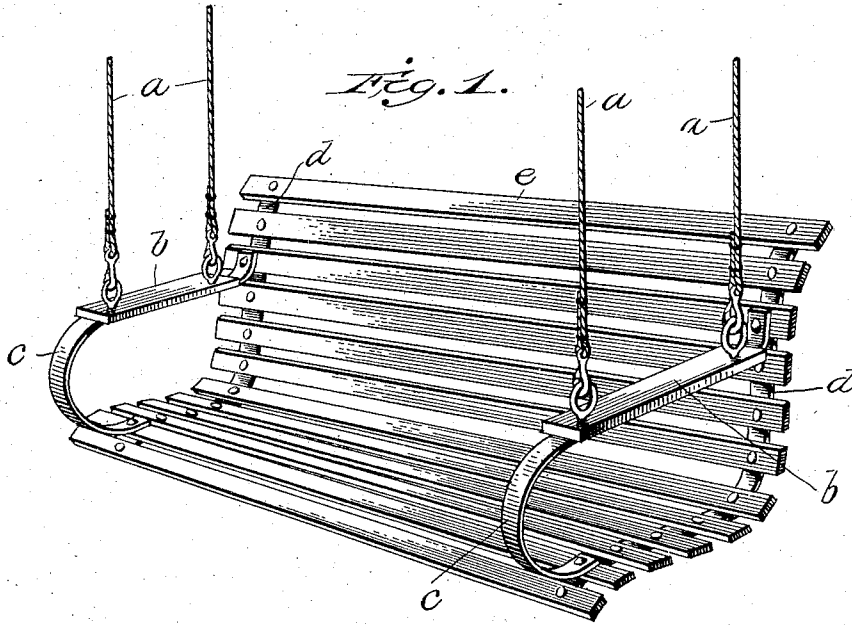


No. 790,242.

PATENTED MAY 16, 1905.

M. W. YEAGER.  
SWING.

APPLICATION FILED FEB. 10, 1905.



Witnesses

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# UNITED STATES PATENT OFFICE.

MAURICE W. YEAGER, OF BELLEFONTE, PENNSYLVANIA.

## SWING.

SPECIFICATION forming part of Letters Patent No. 790,242, dated May 16, 1905.

Application filed February 10, 1905. Serial No. 245,128.

*To all whom it may concern:*

Be it known that I, MAURICE W. YEAGER, a citizen of the United States of America, and a resident of Bellefonte, county of Center, State of Pennsylvania, have invented certain new and useful Improvements in Swings, of which the following is a full and clear specification, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view, and Fig. 2 an end view, of my improved swing.

The object of this invention is to provide an exceedingly durable and simple device which will contribute the maximum of comfort to the occupant not only while the swing is still, but also while it is in motion, and which also will enable the occupant or occupants to more readily propel or "work up" the swing, as more fully hereinafter set forth.

To the accomplishment of this object and such others as may hereinafter appear, the invention consists of the parts and combination of parts hereinafter fully described, and particularly pointed out in the appended claim, reference being had to the accompanying drawings, forming a part of this specification, in which the same reference characters designate like parts throughout the several views.

Referring to the drawings by reference characters, the letter *a* designates the suspending-ropes, a pair being employed at each end of the settee or bench and being loosely connected by snap-hook or eyebolt connections or in any other suitable way with wood bars *b*. The bars *b* are rigidly fastened on the tops of the respective arms *c* of the seat, and these arms are rigidly attached at their ends, respectively, to the seat and back portion of the bench or chair. The chair or bench is constructed of a series of wood slats *e*, rigidly attached to a pair of metal straps *d*, which are curved downwardly and forwardly to form the seat portion and upwardly and backwardly to form the back-rest of the chair. The arms

*c*, as well as the straps or bars *d* and wood slats *e*, are sufficiently stiff and thin to be elastic.

As thus constructed the swing will be inexpensive, strong, and durable and at the same time highly elastic. Thus making the chair or settee elastic is the essential feature of the invention. It permits the seat and back portion to adjust themselves to the occupants not only while at rest, but also while in motion, and therefore renders the spring peculiarly easy and comfortable. The spring supporting-arms and the combined seat and back straps *d* assume various positions with respect to each other, according to the weight and motions of the occupant or occupants. In Fig. 2 is shown in dotted lines one position which these elastic straps can assume. This elasticity of the seat-frame and arms will aid the occupants in propelling or working up the swing by the movements of their bodies, as is obvious.

It will be apparent to those skilled in the art that various embodiments of the invention are possible, and I therefore do not wish to be limited to the exact arrangement and construction shown.

What I claim, and desire to secure by Letters Patent, is—

In a swing the combination of the suspending-ropes, bars connected thereto, elastic seat-arms rigidly attached to the bars, elastic straps attached to the ends of the respective seat-arms and bent to form the seat portion and the back portion of a bench or chair, and bars connecting said straps, substantially as and for the purpose set forth.

In testimony whereof I hereunto affix my signature, in the presence of two witnesses, this 8th day of February, 1905.

MAURICE W. YEAGER.

Witnesses:

E. E. DAVIS,  
H. C. YEAGER.