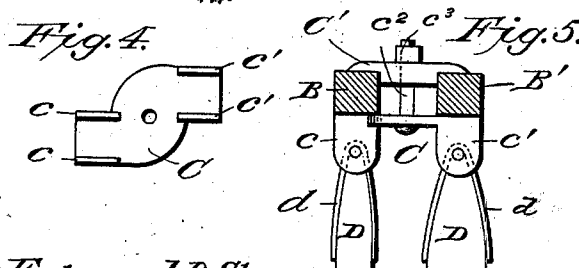
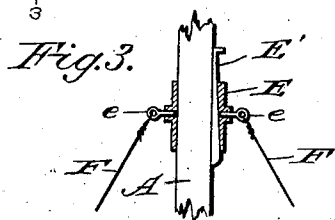
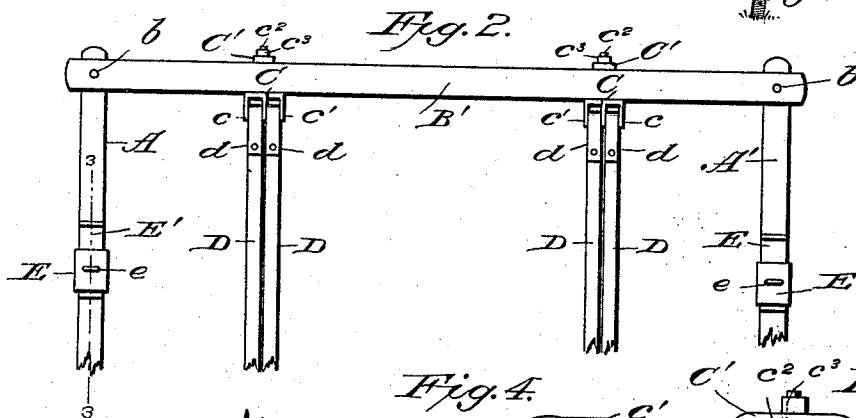
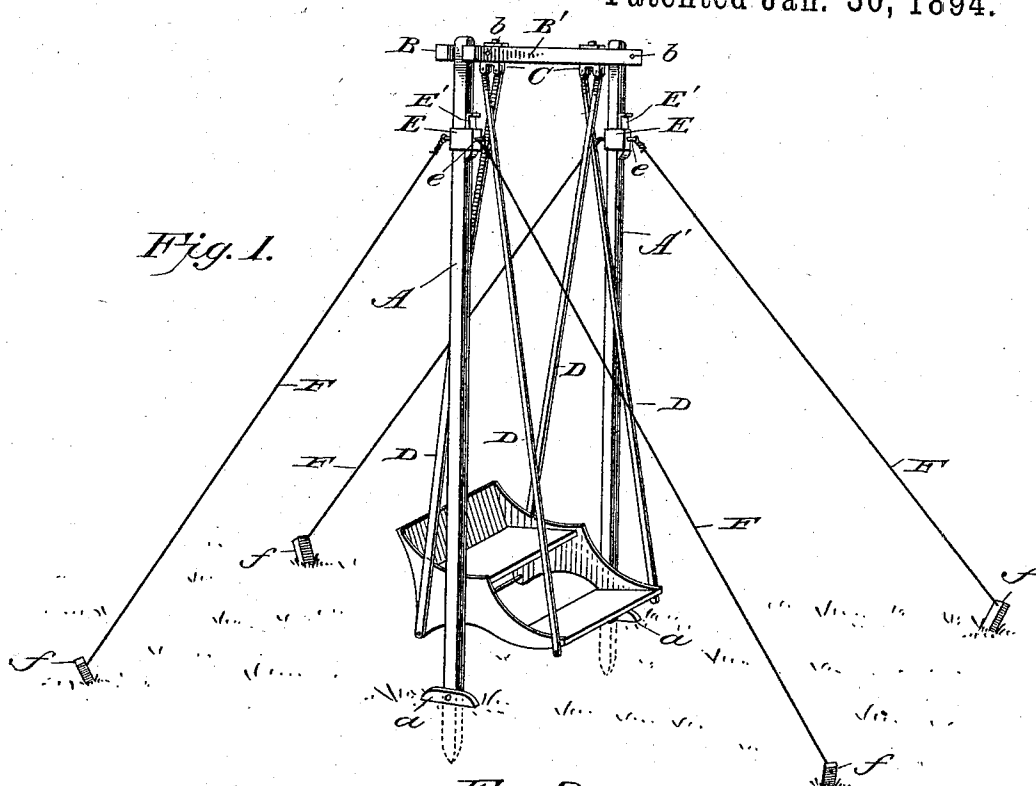


(No Model.)

E. D. SHAVER.
SUPPORT FOR SWINGS.

No. 513,539.

Patented Jan. 30, 1894.



WITNESSES

L. S. Elliott
M. Johnson

Edward D. Shaver INVENTOR

by [Signature] Attorney

UNITED STATES PATENT OFFICE.

EDWARD D. SHAVER, OF NIVERVILLE, NEW YORK.

SUPPORT FOR SWINGS.

SPECIFICATION forming part of Letters Patent No. 513,539, dated January 30, 1894.

Application filed August 10, 1893. Serial No. 482,851. (No model.)

To all whom it may concern:

Be it known that I, EDWARD D. SHAVER, a citizen of the United States of America, residing at Niverville, in the county of Columbia and State of New York, have invented certain new and useful Improvements in Supports for Swings; 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in supports for swings.

The object of the invention is to provide a simple, cheap and effective device which can be readily set up for use and folded for transportation, the same being adapted to support a seat having a foot-rest; and the invention consists in the special construction and combination of the parts, as will be hereinafter fully set forth and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view. Fig. 2 is a front elevation of the upper part of the structure, and Figs. 3, 4 and 5 are detail views.

A and A' designate the uprights or supporting posts which are provided near their lower ends with blocks or foot-pieces *a* which bear upon the ground as shown. The upper ends of the uprights or posts are connected to each other by cross-pieces B and B', the connecting bolts *b* forming pivots so that the uprights can be folded upon the cross-pieces one above and the other below when the device is being packed for transportation.

To the under side of the cross-pieces B and B' are clamped fixtures or forgings C, which are made up of a plate having depending lugs *c c* and *c' c'*, the spaces between the lugs being out of line, as shown in Fig. 4. The lugs are perforated to receive bolts which pass through loops *d d* attached to the upper ends of the seat-supporting rods D D. By having the spaces between the lugs out of line with each other the seat-supporting rods D will not

depend from points on the same line, and if desirable each pair of these seat-supporting rods may be crossed before being attached to the lugs or to the seat. The fixture or forging from which the seat-supporting rods are hung is clamped to the cross-pieces B and B' by means of a bolt *c*² and plate C', the bolt passing through an aperture in the fixture up between the cross-pieces and through an aperture in the plate and receiving a nut *c*³ which is turned to securely clamp the parts together.

Before the blocks or foot-pieces *a* are bolted to the uprights or posts A and A' a collar or slide E is placed upon each post, one of the inner faces of said collar or slide being inclined or beveled, as shown in Fig. 3, so as to bear against a wedge, E'; said wedge being passed up between the post and collar so that the wide end thereof will be down, so that a downward pull upon the collar will wedge the parts tighter together. The collars or slides are provided with eyes *e e* to which are attached guy-rods or wires F the lower ends of which are fastened to pins or pegs *f* driven in the ground at a distance from the uprights or posts.

It will be noted that a swing support constructed as hereinbefore described can be readily set up and taken down; this is desirable as it can be moved from place to place on a lawn to prevent damaging the same.

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

1. A swing support consisting of uprights or posts A and A' carrying movable collars to which guy-rods are attached, wedges for rigidly securing the collars to the posts, cross-pieces bolted to the upper ends of the posts, fixtures C clamped to the cross-pieces and having depending lugs the spaces between which are out of line with each other, said fixtures being clamped to the cross-pieces by means of bolts and plates as shown, together with seat-supporting rods D D hung from the fixtures C, the seat being attached to the lower ends of the rods substantially as shown, and for the purpose set forth.

2. In a swing support, the combination, of

the uprights or posts, collars placed on the
uprights so as to be movable thereon, wedges
for securing the collars in a fixed position,
blocks or foot-pieces *a a* bolted to near the
5 lower ends of the uprights or posts and adapt-
ed to bear upon the ground, cross-pieces B and
B' bolted to the upper ends of the uprights,
fixtures C C clamped to the cross-pieces sub-
stantially as shown and having depending
10 lugs the spaces between which are out of line

with each other, and seat-supporting rods D
D pivoted between the lugs, substantially as
described.

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

EDWARD D. SHAVER.

Witnesses:

ISAAC LAMONT,

EDWIN D. HOWE.