(No Model.)

E. E. THAYER.

KITE.

No. 523,490. Patented July 24, 1894.

Fig. 1.

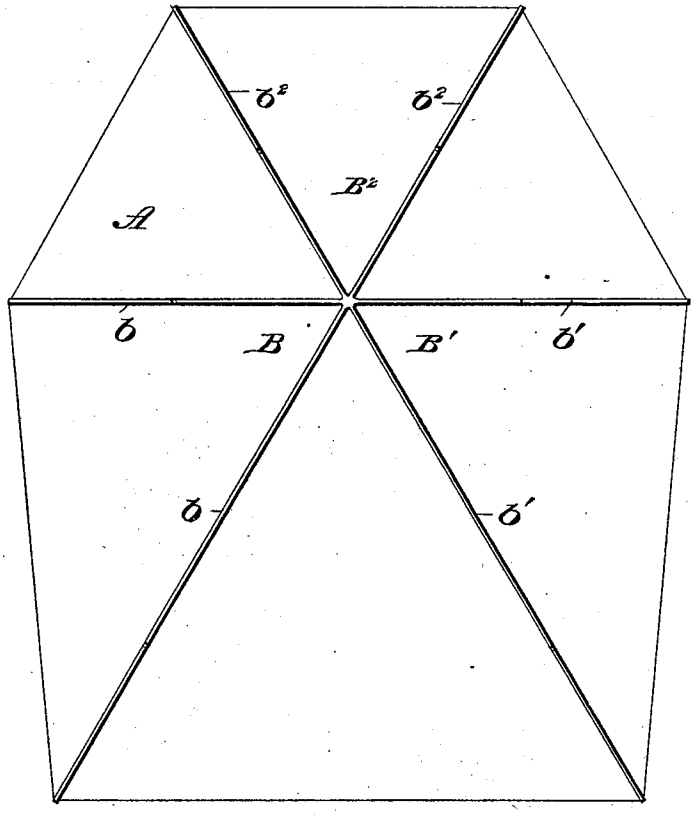


Fig. 2.

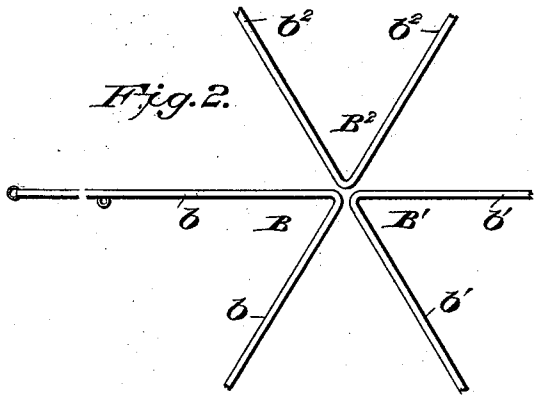


Fig. 3.



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UNITED STATES PATENT OFFICE.

EVERETT E. THAYER, OF JACKSON, MICHIGAN.

KITE.

SPECIFICATION forming part of Letters Patent No. 523,490, dated July 24, 1894.

Application filed March 1, 1894. Serial No. 501,951. (No model.)

To all whom it may concern:

Be it known that I, EVERETT E. THAYER, a citizen of the United States of America, residing at Jackson, in the county of Jackson and State of Michigan, have invented certain new and useful Improvements in Kites; 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.

The object of this invention is to provide an improved kite-frame which can be cheaply manufactured and sold at a small cost; and it consists in a metallic frame made up of three pieces which are bent and connected to each other at the angles, the parts composing the frame having means for attaching thereto the binding string or cord and the belly-band, as will be hereinafter fully set forth and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a plan view of a kite-frame constructed in accordance with my invention showing the frames connected to each other. Fig. 2 is an enlarged view showing the parts separated, and Fig. 3 is a detail view.

The kite-frame A is made up of three pieces of wire, preferably aluminum, on account of its lightness, and in the preferred form two of the parts, B and B′, are bent at the same angle and the members b b' thereof correspond in length. The part B^2 of the frame is bent to give the proper shape to the upper part of the kite, the members b^2 being of the same length. In manufacturing the frame the parts B, B′ and B^2 may all be bent at the same angle so that only one form may be required over which the several parts are bent, and in assembling the parts the angles are brought together in proper position and soldered or otherwise connected.

The ends of the members constituting the frame may be either recessed to receive the binding cord, as shown in Fig. 3, or provided with rings held in place by swaging or upsetting the metal upon the same. The members can also be provided with notches or rings for attaching the belly-band of the kite to the frame.

A kite-frame constructed as hereinbefore described is extremely light, and the parts of the frame being on a line with each other the kites when covered may be packed to occupy the smallest possible space and there is no liability of their being damaged in transportation. There is also no liability of the members being broken either in use or packing for transportation.

Having thus described my invention I do not wish to be limited to the exact construction herein shown, but may modify my invention within the spirit and scope of the claims.

I claim—

1. As an improved article of manufacture, a wire kite frame made up of the parts B, B′ and B^2, the parts B and B′ having like angles and members of corresponding length, all the parts being connected to each other at the angles or bends so as to lie on the same plane, substantially as shown and for the purpose set forth.

2. A frame for kites made up of three pieces of wire which are bent at corresponding angles, one of the pieces having members, as b^2, of equal length and the other two pieces each having members of different lengths, the parts being joined to each other at the angles of the pieces by solder so as to lie on the same plane, for the purpose set forth.

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

EVERETT E. THAYER.

Witnesses:
MARY E. ADAMS,
RICHARD S. WOODLIFF.