

(No Model.)

J. STUMPP.
FOLDING KITE.

No. 294,526.

Patented Mar. 4, 1884.

Fig. 1.

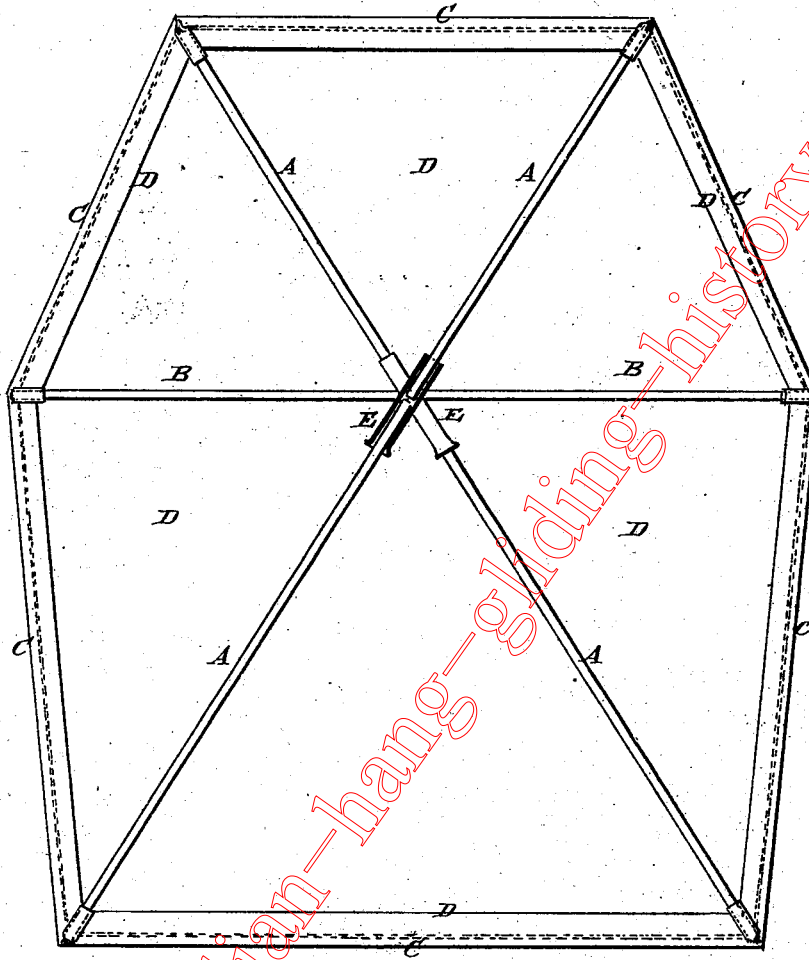


Fig. 2.

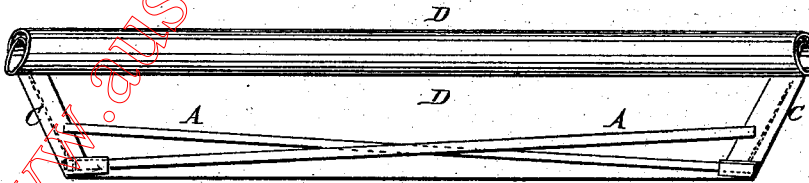


Fig. 3.



WITNESSES:

Chas. N. ...
Co. Sedgwick

INVENTOR

J. Stump, jr.
 BY *Munn & Co.*
 ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOSEPH STUMPP, OF BROOKLYN, NEW YORK, ASSIGNOR TO HIMSELF AND
JAMES SMITH, OF SAME PLACE.

FOLDING KITE.

SPECIFICATION forming part of Letters Patent No. 294,526, dated March 4, 1884.

Application filed November 26, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH STUMPP, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Folding Kites, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of my improvement, partly in section. Fig. 2 is a plan view of the same nearly rolled up. Fig. 3 represents the middle part of one of the jointed bars, the tube being shown in section.

The object of this invention is to promote convenience in the storage and transportation of kites.

The invention consists in a folding kite made with the inclined bars of the frame in two parts connected at their adjacent ends by sliding tubes, whereby the said parts can be readily separated and the kite rolled into a compact bundle, as will be hereinafter fully described.

A represents the inclined bars, and B the cross-bar, of a kite-frame. The ends of the bars A B are connected by a cord, C, as indicated in dotted lines in Figs. 1 and 2.

D represents the paper cover of the kite, the edges of which are folded over the cord C and connected in place in the ordinary manner, as indicated in Figs. 1 and 2.

The inclined bars A are each made in two

parts, meeting at the point of crossing of the bars A B. The adjacent ends of the parts of the bars A are secured to each other, and the joints are made rigid by tubes E, slipped upon the said adjacent ends, as shown in Figs. 1 and 3.

With this construction, when the kite is to be folded, the tubes E are each slipped along the bars A until the joints of the said bars are uncovered, as shown in Fig. 3. The parts of the bars A adjacent to each end of the kite are then swung around across the said end, as shown in Fig. 2, and the kite can be rolled into a compact bundle. When the kite is to be unfolded or opened, it is unrolled, the adjacent ends of each bar A are brought together, and the tubes E are slipped over the joints, as shown in Fig. 1, making the frame firm and rigid.

The kite is designed to be provided with a tail and string in the ordinary manner.

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

A folding kite provided with the inclined bars of the frame made in two parts and connected at their adjacent ends by independent sliding tubes, whereby the kite may be folded without detaching the connecting-cord by simply sliding the tubes along the bars until their joints are uncovered, substantially as set forth.

JOSEPH STUMPP.

Witnesses:

WM. F. CORWITH,
LUTHER G. CORWITH.