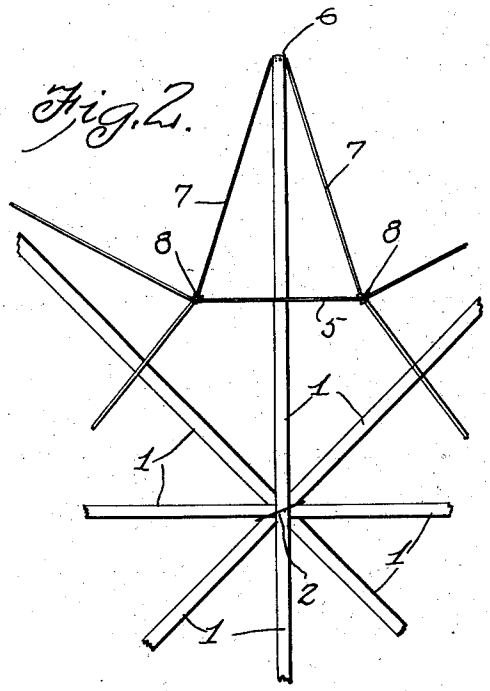
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KITE

Filed July 5, 1928

Fig. 2.



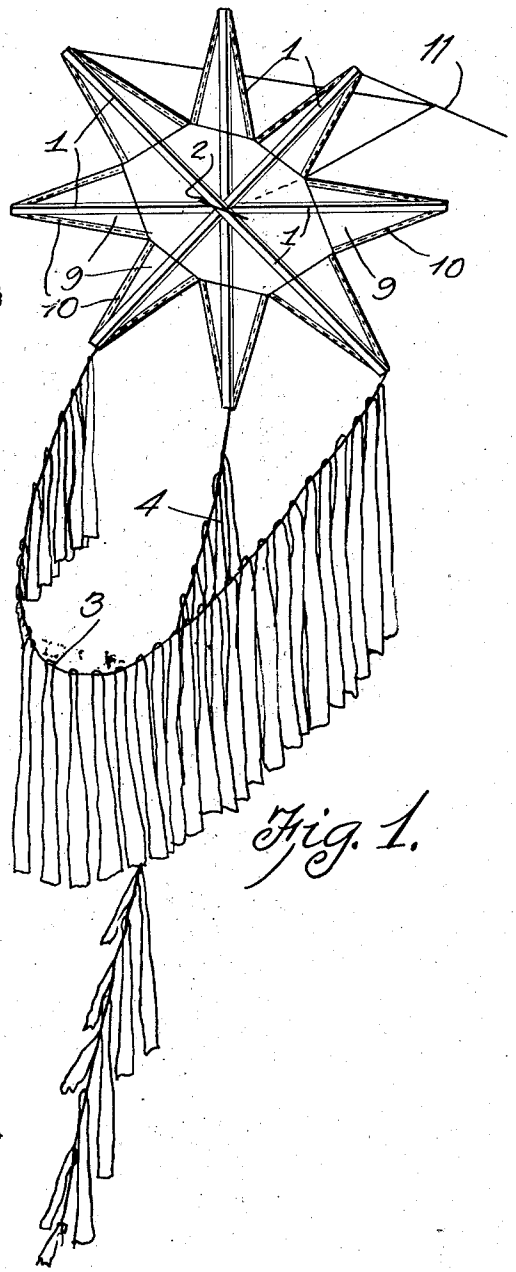
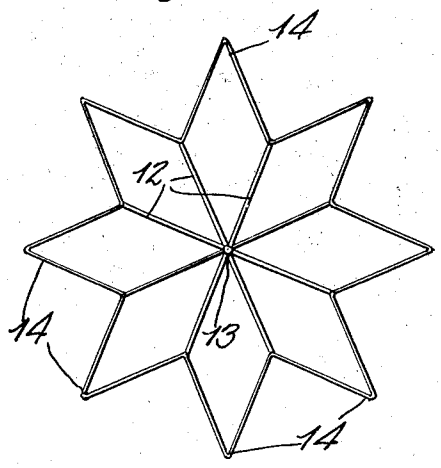




Fig. 1.

Fig. 3.




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# UNITED STATES PATENT OFFICE

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## KITE

Application filed July 5, 1928. Serial No. 290,509.

This invention relates to certain new and useful improvements in kites and has for its primary object to provide a kite having a skeleton frame covered with sheet material of either paper or cloth, a looped cord or the like being attached to the frame with the sheet covering secured to the cord.

A further object of the invention is to provide a kite comprising a frame having radial ribs with a cord strand provided with a plurality of loops inclosing the ends of the ribs with the sheet covering of the kite connected to the cord.

With the above and other objects in view that will appear as the nature of the invention is better understood, the same consists in the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawing and claimed.

In the drawing:—

Figure 1 is a perspective view of a kite constructed in accordance with the present invention, the kite being of star-formation with the looped cord inclosing the ends of the ribs forming the star and further showing the sheet covering secured to the cord;

Figure 2 is a fragmentary enlarged elevational view showing one of the cord loops extending across the outer end of a radial rib; and

Figure 3 is a plan view of another form of kite body.

While the design or shape of the kite body does not enter into the gist of this invention, it being understood that the same may be constructed in any preferred form, there is disclosed for the purpose of illustration, a kite of star-formation and comprising a plurality of crossed strips forming radial arms 1 that are secured together at their crossing points as at 2 in any convenient manner. The outer ends of a pair of alternate ribs 1 carry a tail-loop 3, while the outer end of the intermediate rib carries a tail 4.

The kite frame comprising the radial ribs 1 may be covered with any desired material, such as paper or cloth and to accommodate the mounting of the material upon the frame, there is provided a cord arrangement comprising a plurality of loops attached to the outer ends of the ribs 1 as shown in Figures 1 and 2. The cord 5 carries a plurality of adjacent positioned loops that extend across the outer ends of the ribs 1 as at 6 with the side portions 7 of the loops connected to the cord 5 as at 8. When all of the loops are engaged with the outer ends of the ribs, the entire cord arrangement is placed in a stretched and taut condition with the cord section 5 forming a polygonal design as illustrated in Figure 1 with sections thereof extending across the ribs 1. The sheet covering 9 is of star-formation and completely covers the tight frame, the side edges of the points being turned over the side sections of the loops 7 as at 10 and adhesively or otherwise retained in position. The kite carries a restraining or flying cord 11 attached to the kite body as shown in Figure 1.

In the form of the invention shown in Figure 3, the kite frame is formed of wire and comprises radial arms 12 suitably secured together at their inner meeting ends as at 13, while the outer ends are suitably secured to a zig-zag wire frame defining star points 14.

From the above detailed description of the invention, it is believed that the construction and operation will at once be apparent, and while there is herein shown and described the preferred embodiments of the present invention, it is nevertheless to be understood that minor changes may be made therein without departing from the spirit and scope of the invention as claimed.

What I claim as new is:—

A kite comprising a frame having radial ribs rigidly secured together at their intersections, a cord attached to the ends of the ribs and providing loops between the ribs,

and a cord attached to the loops midway of the ribs and forming a floating element of polygonal shape located between the ends of the ribs and their intersecting points and drawing inwardly the loops to define a star-shaped skeleton frame, said frame being covered with a sheet of suitable material, tail elements being attached to a plurality of ribs, and a flying cord having branches leading from its principal length to a plurality of ribs.

In testimony whereof I affix my signature.

CHARLES NAGY.