No. 713,514. Patented Nov. 11, 1902.

E. B. SMITH.

SPINNING TOP.

Application filed Jan. 31, 1902.)

(No Model.)

Fig. 1.

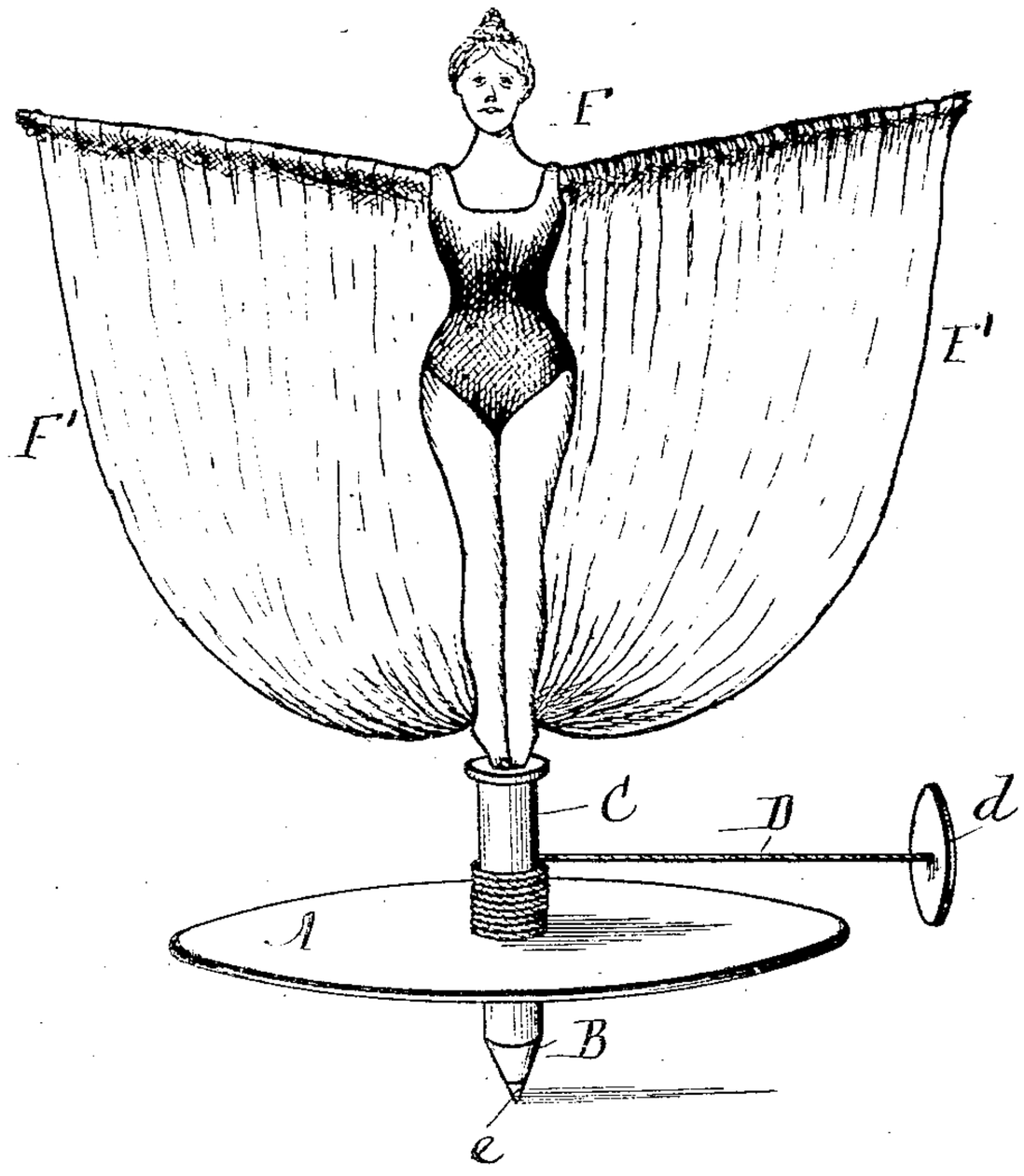
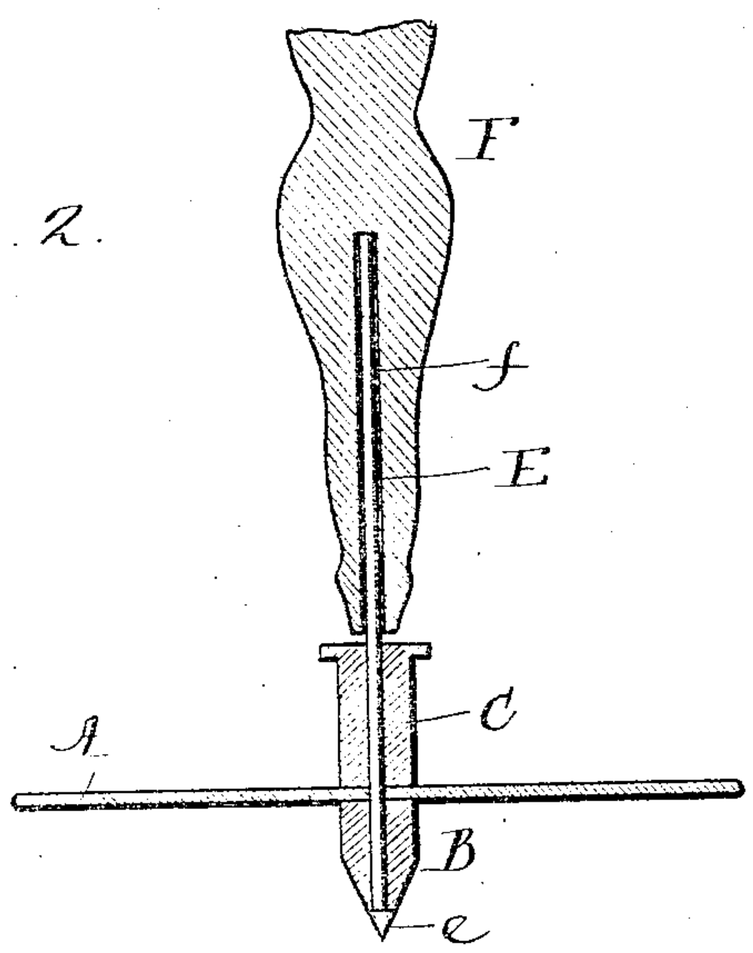


Fig. 2.



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UNITED STATES PATENT OFFICE.

EDGAR B. SMITH, OF RIVERSIDE, ILLINOIS, ASSIGNOR OF ONE-HALF TO GARRETT BROWN, OF CHICAGO, ILLINOIS.

SPINNING-TOP.

SPECIFICATION forming part of Letters Patent No. 713,514, dated November 11, 1902.

Application filed January 31, 1902. Serial No. 91,957. (No model.)

To all whom it may concern:

Be it known that I, EDGAR B. SMITH, a citizen of the United States, residing at Riverside, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Spinning-Tops, of which the following is a full, clear, and exact description.

In the accompanying drawings, Figure 1 is a perspective view of a spinning-top embodying my invention. Fig. 2 is a view in central vertical section, the upper part of the image carried by the top being broken away.

The invention consists in the novel features of construction hereinafter described, illustrated in the accompanying drawings, and particularly pointed out in the claims at the end of this specification.

As shown, the top comprises a disk A, preferably of metal, the disk being provided upon its underside with a centrally-disposed pointed portion B and upon its top with a spindle C, adapted to have wound thereon the cord D, whereby the top will be spun. The cord D may be provided at one end with the usual button *d*. In the preferred form of the invention a pin or rod E extends upward from the cord-spindle C and serves to pivotally support the figure or image F, that is formed with a hole or socket *f* to loosely receive the pin, and preferably, also, the pin or rod E extends downwardly through the disk A and pointed portion B and terminates in a conical point *e*. The figure or image F is provided with wings F′, projecting laterally therefrom and preferably extending in substantially vertical planes. The purpose of the wings F′ is to act as retarding devices, so that when the top is spun the broad surface offered by these wings or projections by their resistance to the air shall prevent the too-rapid revolution of the figure or image. Obviously the precise shape, number, and arrangement of the wings may be extensively varied.

To effect the spinning of the top, the operator will wind the cord D about the spindle C and then while holding the figure F will quickly pull the cord D, in order to cause the body of the top to rapidly spin. Inasmuch as the figure or image F is pivotally supported with respect to the body of the top the retarding wings or projections F′ will prevent the figure partaking of the rapid revolution of the top-body, although allowing the figure to slowly revolve. In the drawings the figure F, mounted upon the rod E, is that of a dancer having outstretched arms, from which depend representations of the fabric such as is used by actresses performing the familiar "serpentine dance," and when the top is spun the slow and graceful revolutions of the figure cleverly imitate the whirling movements of a dancer. Manifestly, however, the figure may be varied and any other suitable figure may be substituted for that shown, depending upon the effects to be produced.

So far as I am aware this invention presents the first instance of a spinning-top having a spindle on which the cord may be wound and having a pivoted toy image extending centrally above the top and provided with wings for retarding its revolution. While the shape or arrangement given to the means whereby the revolution of the figure or body is retarded is not essential to the broad feature of the invention, still the shape or arrangement of retarding means should be such as to properly balance the top and not seriously interfere with its spinning.

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

1. A spinning-top provided with a cord-spindle, a rod or pin extending centrally above said cord-spindle and a toy image pivotally sustained upon said rod or pin at a point above said cord-spindle, said image being provided with laterally-extending wings for retarding its revolution.

2. A spinning-top provided with a cord-spindle, a rod rising centrally from said cord-spindle and a toy image having laterally-extending wings for retarding its revolution and having a hole or socket to receive the free upper end of said rod, said image being revolubly and detachably mounted on said rod above said cord-spindle.

3. A top provided with a rod extending centrally from its upper surface, said rod having a free upper end, a toy image provided with

laterally-extending wings for retarding its revolution and formed with a hole or socket whereby said image may be slipped freely on and off the upper end of said rod and a cord-winding surface beneath said figure.

4. A spinning-top, comprising a disk-shaped body A provided on its under side with a central plug or part B and provided upon its top with a cord-spindle C, in combination with a rod E extending above said cord-spindle and a figure F pivotally mounted on said rod E and provided with retarding-wings F'.

5. A spinning-top, provided with a central upwardly-extending spindle and a toy image pivotally sustained upon said spindle, said image being provided with laterally-extending wings for retarding its revolution.

6. A spinning-top, provided with a central cord-spindle, a rod or pin of smaller diameter extending centrally above said cord-spindle, a toy image having a longitudinal hole or socket arranged to receive the free upper end of said rod, and a pair of laterally-extending wings attached to said image for retarding its revolution.

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