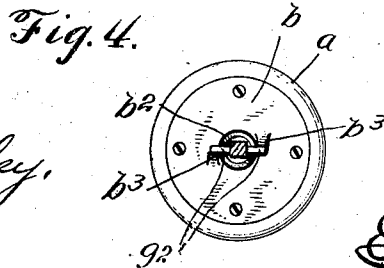
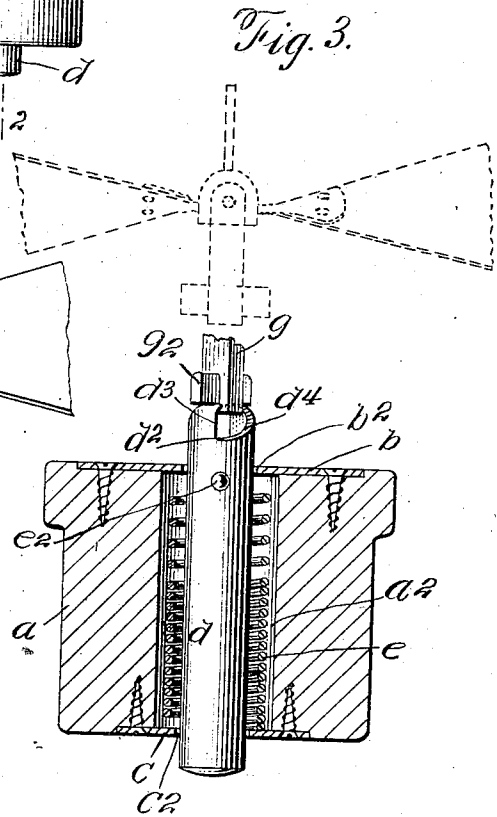
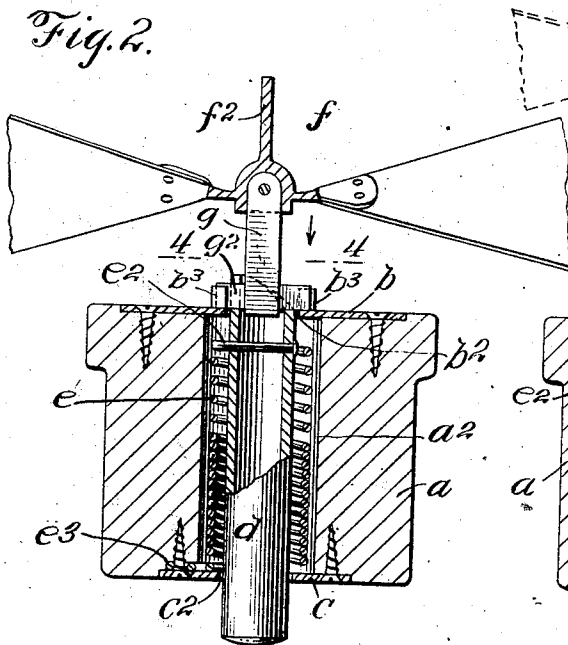
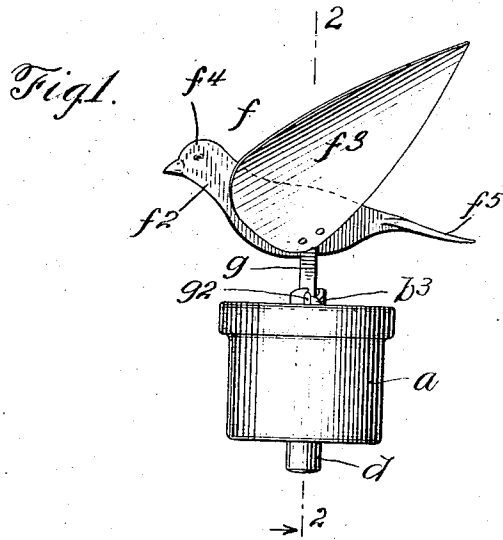


986,578.

Patented Mar. 14, 1911.



WITNESSES
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TOY DEVICE.

986,578.

Specification of Letters Patent.

Patented Mar. 14, 1911.

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To all whom it may concern:

Be it known that I, ERAZM KOMAR, a subject of the Czar of Russia, and residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Toy Devices, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to toy devices, and the object thereof is to provide an improved device of this class known as a flying toy or bird, and it is particularly designed for use by and to amuse the young, and with this and other objects in view the invention consists in a device of the class specified constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:—

Figure 1 is a side view of my improved toy device; Fig. 2 a sectional view on the line 2—2 of Fig. 1; Fig. 3 a view similar to Fig. 2 but showing the parts in a different position and with a part omitted, and;—Fig. 4 a section on the line 4—4 of Fig. 2.

In the practice of my invention I provide a block or casing *a*, and to the top of which is secured a plate *b*, while a similar plate *c* is secured to the bottom thereof, and the plates *b* and *c* are provided with central apertures *b*² and *c*², and passed through the bore *a*² and through the apertures *b*² and *c*² of the plates *b* and *c* is a rotary part *d* which is cylindrical in form and which preferably consists of a tube, the upper end of which is provided with oppositely arranged recesses *d*², one side wall of which is vertical and the other spiral in form as shown at *d*³ and *d*⁴ respectively.

The rotary part *d* is of less transverse dimensions than the bore *a*², and placed in said bore is a spiral spring *e* through which the rotary part *d* passes, and the upper end of said spring is secured to said rotary part, this connection being made by passing the end of said spring through said part in the form of construction shown, and as illustrated at *e*², while the lower end of said spring is secured to the block or casing *a* at *e*³.

The top plate *b* of the block or casing *a* is provided at the opposite sides of the aperture *b*² with raised lugs or projections *b*³, and I also provide a flying member *f* which is preferably made in the form of or imitation of a bird and which comprises a body portion *f*², wing portions *f*³, a head portion *f*⁴ and a tail portion *f*⁵, and connected with the body portion approximately centrally thereof is a depending member *g* provided at its lower end with laterally directed lugs or projections *g*².

The operation will be readily understood from the foregoing description when taken in connection with the accompanying drawing and the following statement. In practice, the block or casing *a* is grasped in one hand while the bird is held in the other and the depending member *g* is inserted into the top of the rotary part *d* so that the projections *g*² on the part *g* will enter the recesses *d*², and by turning the bird or flying member to the right the spring *e* is wound up and when this operation is completed the rotary member and the part *g* which is connected with the flying member are forced inwardly or downwardly until the radial projections *g*² engage the lugs or projections *b*³, at which time the rotary part *d* is locked against rotation and the lower end thereof projects beneath the bottom of the block or casing *a* as shown in Figs. 1 and 2. If now pressure be applied with the thumb or finger to the lower end of the rotary part *d* the said rotary part will be forced upwardly until the lugs or projections *g*² on the part *g* are forced out of engagement with the lugs or projections *b*³ on the plate *b*, and at this time the said rotary part will be rapidly revolved by the spring *e*, and the flying member *f* will be thrown off into space as will be readily understood.

This device may be manipulated by children or others and is well adapted to amuse both young and old, and various changes in and modifications of the construction herein shown and described may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

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

A toy device, comprising a block or casing having a bore which extends therethrough and is open at both ends, and said block or

casing being provided with end plates having openings of less transverse dimensions than said bore, a rotary member passing through said end plates and said bore and
5 movable longitudinally therein, one end of said rotary member being provided with radial notches or recesses, and the corresponding end plate of the block or casing being provided with radial lugs or projections on
10 the opposite sides of the rotary member, a flying member provided with a part adapted to be inserted into the said end of said rotary member and having oppositely directed lugs or projections adapted to engage
15 both the notches or recesses in the end

of the rotary member and the lugs or projections on said end plate, and a spring wound on said rotary member within said block or casing and one end of which is secured thereto and the other to said rotary member.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 19th day of November 1910.

ERAZM KOMAR.

Witnesses:

C. E. MULREANY,
B. M. RYERSON.