(No Model.)

W. R. FOWLER.

TOY.

No. 285,354. Patented Sept. 18, 1883.

Fig. 1

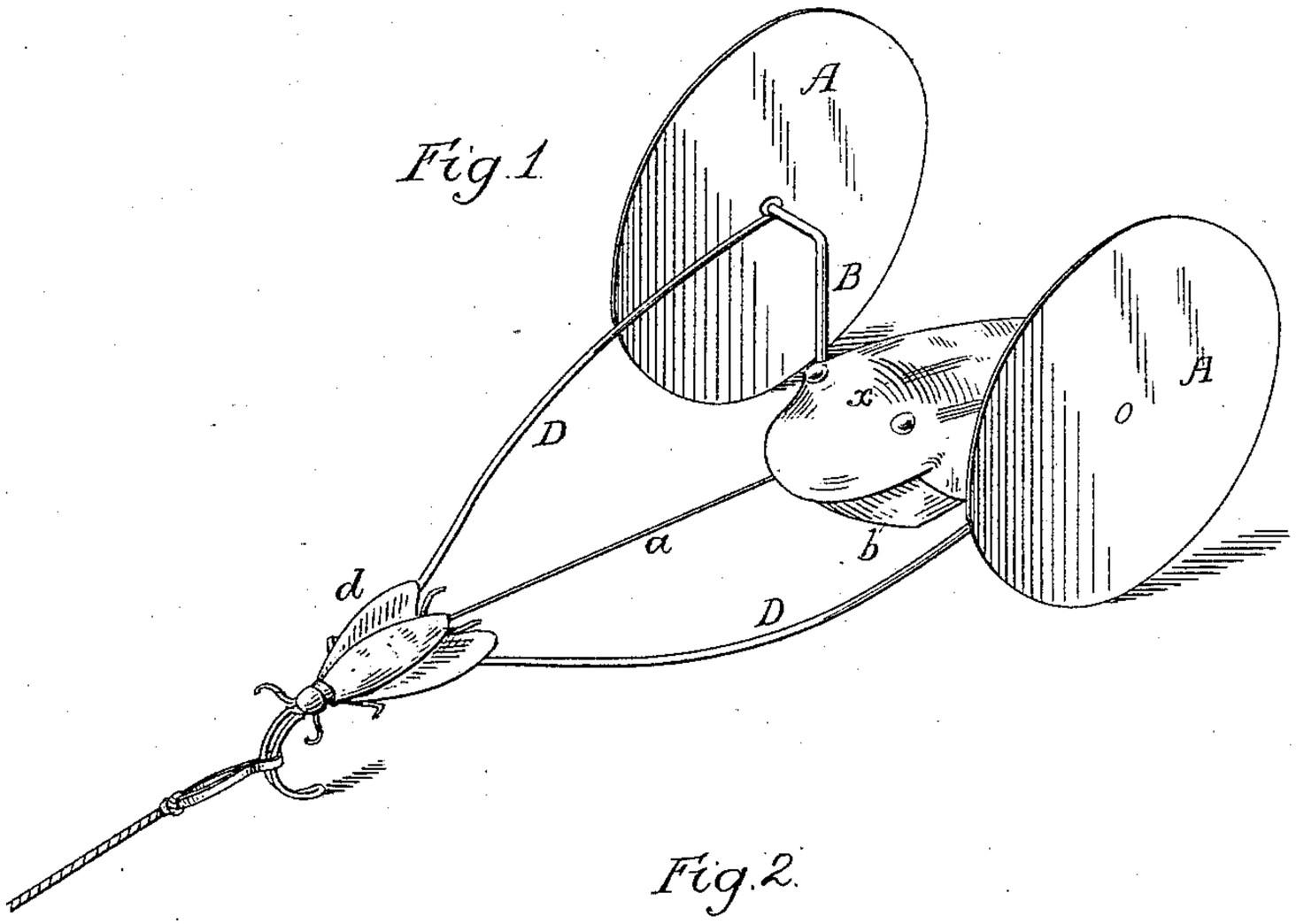


Fig. 2.

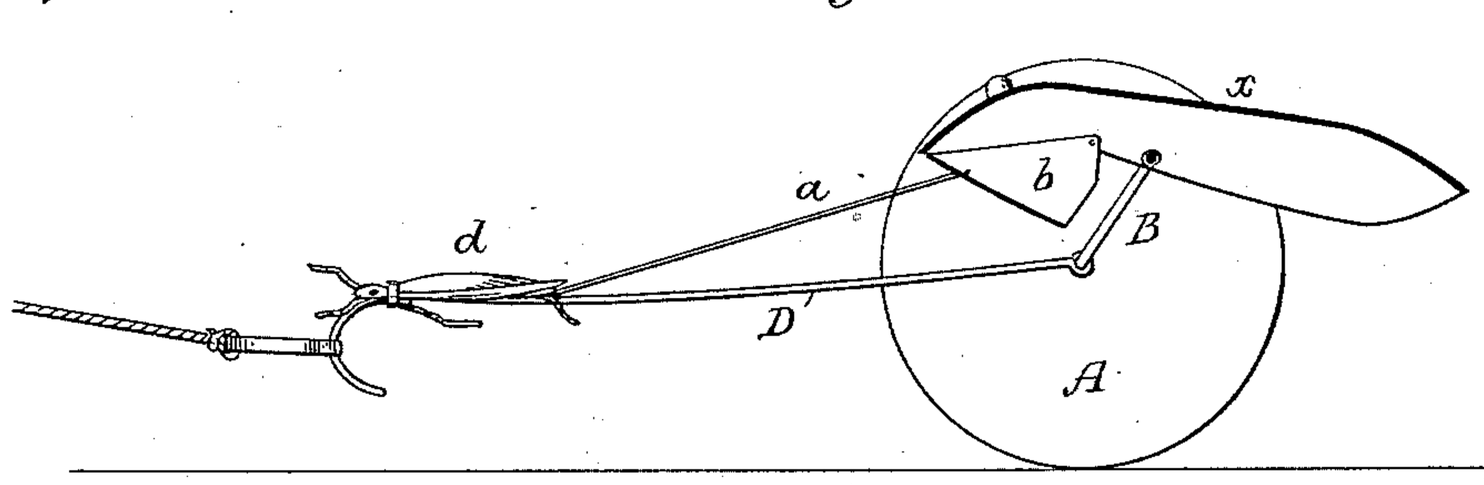
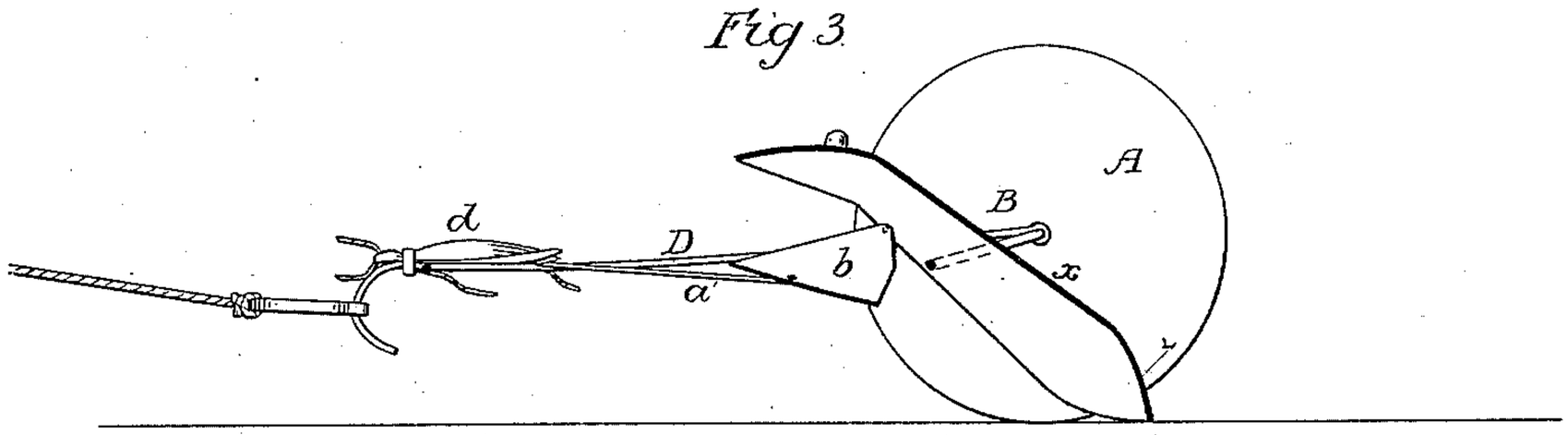


Fig 3.



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UNITED STATES PATENT OFFICE.

WILLIAM R. FOWLER, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO C. LAWRENCE PERKINS, OF NEW YORK, N. Y.

TOY.

SPECIFICATION forming part of Letters Patent No. 285,354, dated September 18, 1883.

Application filed August 20, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. FOWLER, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented an Improved Toy, of which the following is a specification.

The object of my invention is to construct a toy figure having a natural jumping or galloping movement; and this object I attain in the manner hereinafter set forth, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved toy; Fig. 2, a sectional view of the same, and Fig. 3 the same with some of the parts in a different position.

A A represent a pair of wheels secured to the opposite ends of a cranked axle, B, to the central or crank portion of which is pivoted the figure *x*, to which the jumping motion is to be imparted, this figure in the present instance being that of a frog.

A frame, D, is hung to the axle B, and to the front end of this frame is attached the cord by which the toy is drawn forward. From the front end of the frame D to the front portion of the figure *x* extends an elastic cord, *a*, which is stretched as the cranked axle rotates and the figure *x* is carried rearward and upward, the recoil of the cord causing the figure to spring suddenly forward when the crank reaches a position above the center. In the present instance the cord *a* is connected to a hinged plate, *b*, which represents the lower jaw of the frog, the body of which is so pivoted to the axle B that the preponderance of weight is in the rear, so that as soon as that portion in advance of the crank is relieved from the tension of the elastic cord it will rise, thus giving the figure the appearance of opening its mouth as it jumps forward. At the front end of the frame D is a representation of an insect, *d*, of which the frog appears to be in pursuit.

Different figures may be used in carrying out the invention. For instance, the toy may represent a hound in pursuit of a hare, a cat jumping after a mouse, &c.; or the figure may represent a galloping horse, and in some cases the axle may have two cranks set opposite each other and each carrying a figure.

A wire having a portion coiled to give it elasticity may be used instead of the elastic cord *a*, if desired; but the latter is preferred.

I claim as my invention—

1. The combination of the wheeled frame and the cranked axle B with the figure hung to said axle, and having an elastic connection, *a*, with the front of the frame, as set forth.

2. The combination of the wheeled frame having a figure, *d*, with the cranked axle B, the figure *x*, hung thereto, and the elastic connection *a* between said figure and the front of the frame, as set forth.

3. The combination of the wheeled frame, the cranked axle B, the figure *x*, hung thereto, and having a hinged plate, *b*, and the elastic connection *a* between said hinged plate and the front of the frame, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WM. R. FOWLER.

Witnesses:
HARRY L. ASHENFELTER,
HARRY SMITH.