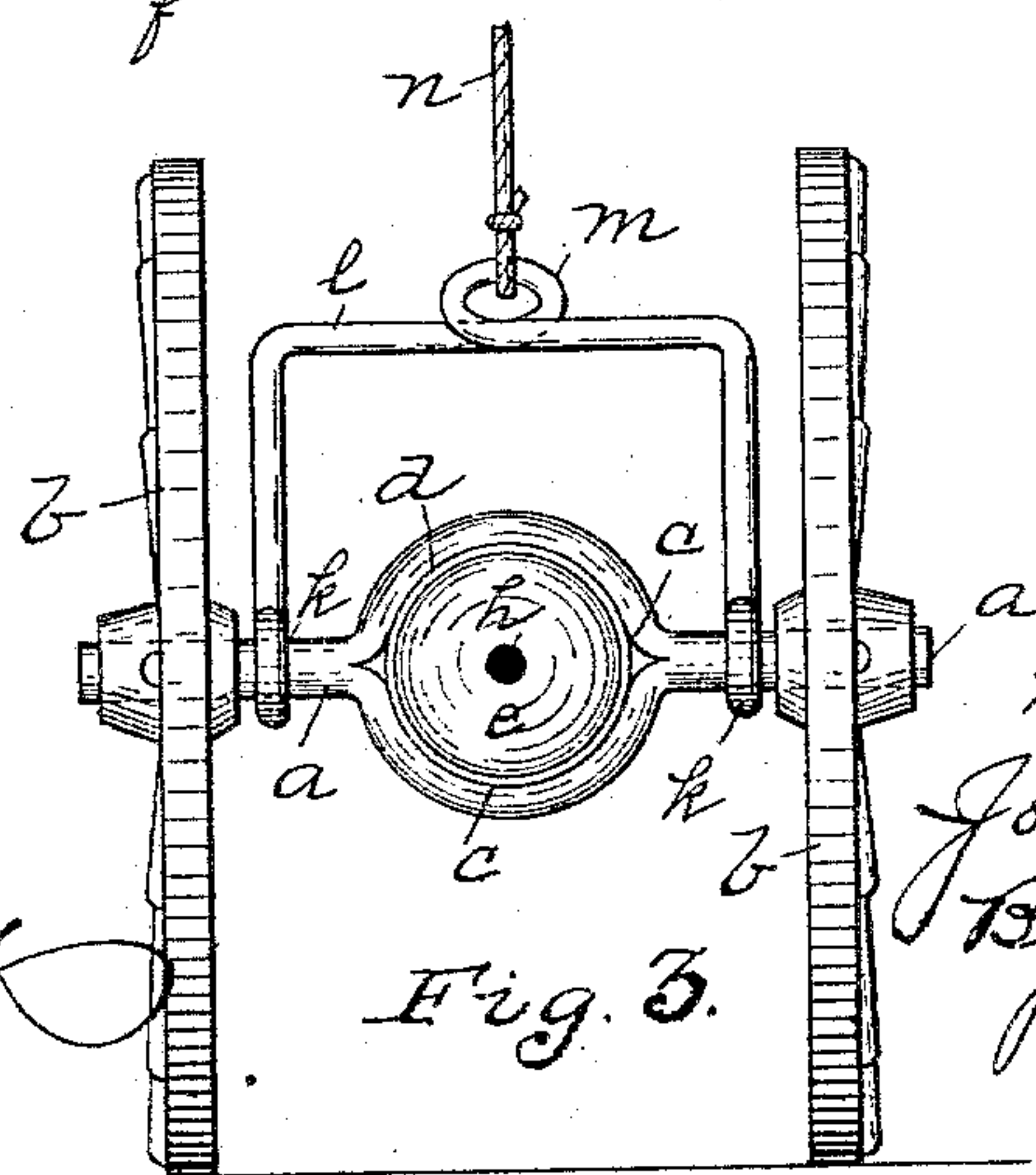
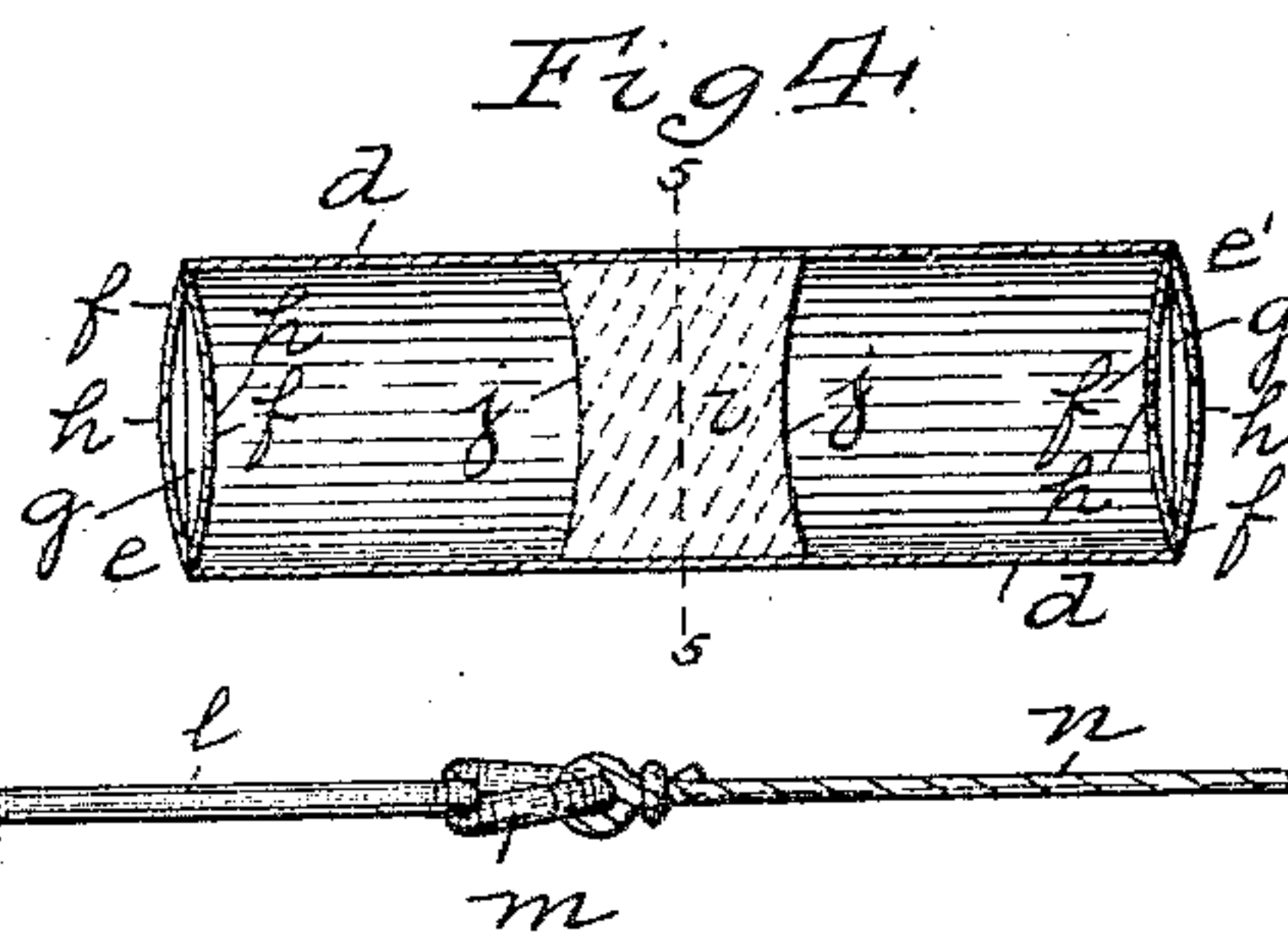
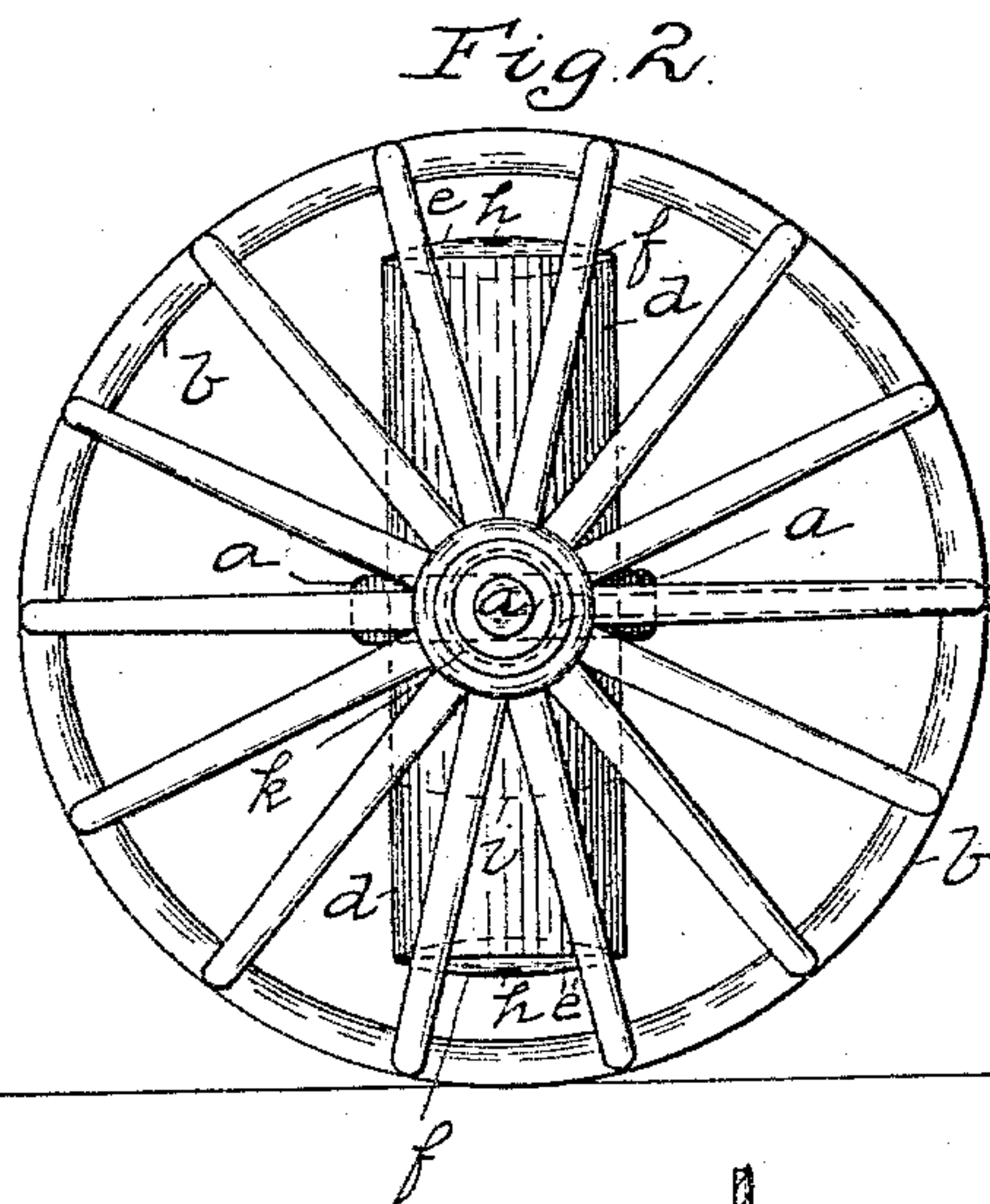
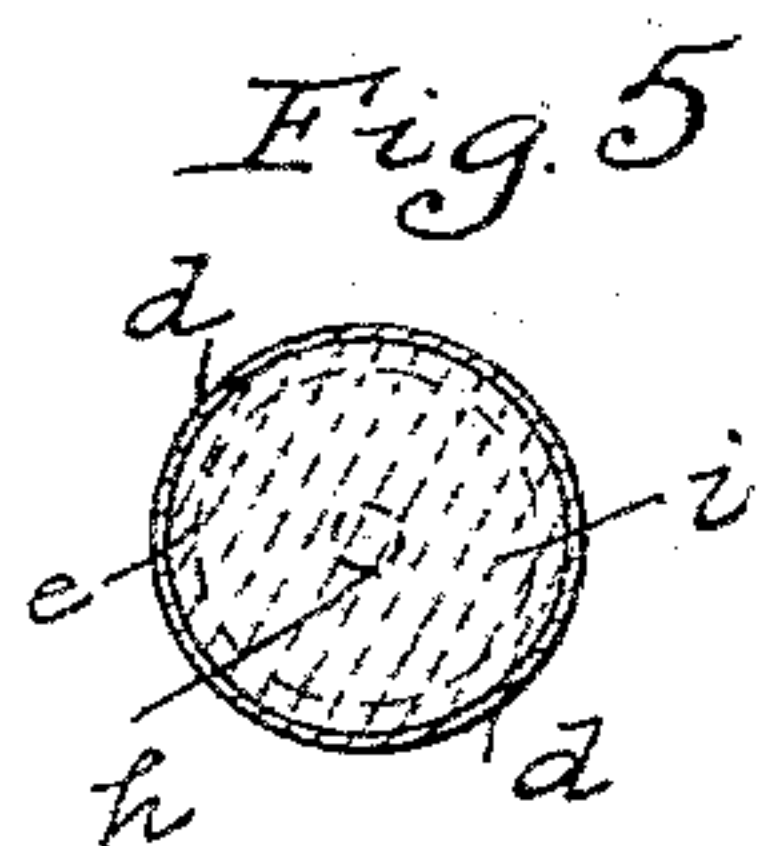
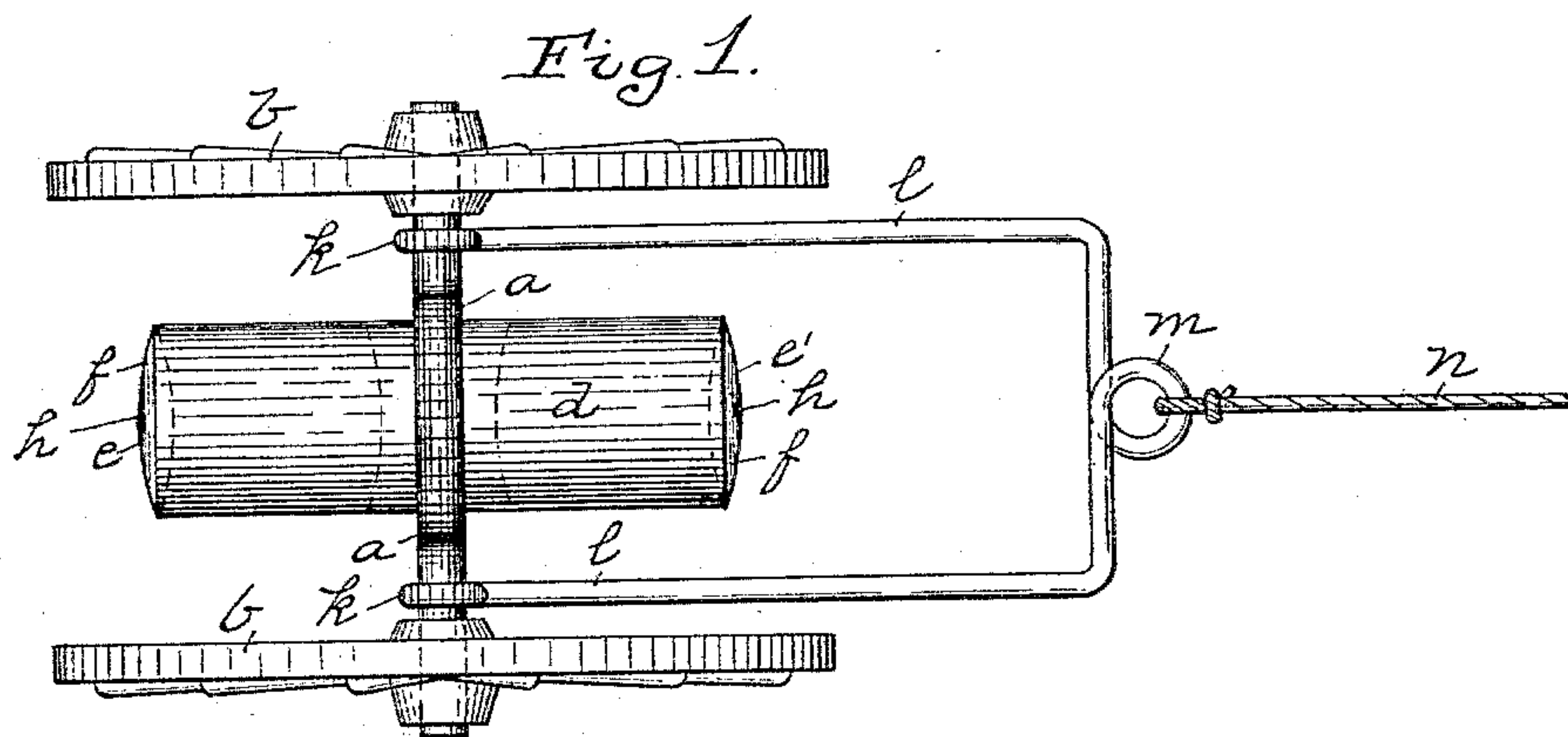


(No Model.)

J. U. BARR Jr.  
TOY.

No. 597,379.

Patented Jan. 18, 1898.



Witnesses:  
J. P. V. K.  
A. Blakeley

Inventor:  
John U. Barr Jr.  
By J. V. Cooke  
attorney



# UNITED STATES PATENT OFFICE.

JOHN U. BARR, JR., OF PITTSBURG, PENNSYLVANIA, ASSIGNOR OF SEVEN-EIGHTHS TO WILLIAM B. SALT, ERNEST J. SALT, AND WILLIAM E. SALT, OF MILLVALE, PENNSYLVANIA.

## TOY.

SPECIFICATION forming part of Letters Patent No. 597,379, dated January 18, 1898.

Application filed December 1, 1896. Serial No. 614,053. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN U. BARR, Jr., a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Toys; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to toys, and has special reference to what are known as "drag" or "wheeled" toys—that is, one which can be hauled or dragged around on wheels.

The object of my invention is to provide a cheap, neat, and strong toy which can be easily constructed and so arranged as to emit a noise therefrom as it is hauled or dragged about.

My invention consists, generally stated, in the novel construction and arrangement of parts, as hereinafter more specifically set forth and described, and particularly pointed out in the claims.

To enable others skilled in the art to which this invention appertains to make and use the same, I will describe the same more fully, referring to the accompanying drawings, in which—

Figure 1 is a top or plan view of my improved toy, showing the cylinder in one position. Fig. 2 is a side view of the same, showing the cylinder in another position. Fig. 3 is a rear view of the same, looking at the position of the cylinder shown in Fig. 1. Fig. 4 is a longitudinal section of the cylinder employed, showing the weight therein in its central position; and Fig. 5 is a cross-section of the cylinder through the weight on the line 5 5, Fig. 4.

Like letters indicate like parts in each of the figures of the drawings.

As illustrated in the drawings, my invention is shown in the form of a cannon, all of the parts being preferably formed of metal, although any particular form or design can be used and any kind of material can be used, as desired. Mounted upon the axle *a* are the wheels *b b*, which are preferably formed of cast metal and are rigidly secured upon the axle *a*. The axle *a* is split at or about its center, as at *c*, for the reception of the cylinder

*d*, which is rigidly secured therein and is preferably formed of polished sheet metal. The cylinder *d* is provided at each end with the whistles *e e'*, made from polished sheet metal, these whistles *e e'* being of the ordinary form, as shown, consisting of two circular concavo-convex plates *f f*, secured together at their circumferences in any suitable manner, so as to form the space *g* between the plates *f f*, and the plates *f f* having the openings *h h* formed at or about the centers opposite to each other. A weight *i* slides within the cylinder *d*, provided with the concave faces *j j* at each end and being preferably formed of lead or other suitable heavy metal. Secured loosely around the axle *a*, by means of the loops *k*, is the tongue *l*, which is preferably formed of metal wire bent so as to form a ring *m* at its forward end, to which can be attached a cord or rope *n* for the purpose of hauling or dragging the same.

The operation of my improved toy is as follows: When the operator grasps the rope *n* and hauls or drags the toy, the wheels *b b* will revolve, so turning the axle *a* and with it the cylinder *d*, which causes the weight *i* to drop down, as shown in dotted lines in Fig. 2, when the cylinder *d* reaches such a position, so emitting a whistling noise through the whistle *e'*, caused by the expulsion of air within the cylinder *d* through the openings *h h* in the whistle *e'* through the medium of the weight *i* dropping down against the whistle *e'*. As the wheels *b b* further revolve the axle *a* will be turned and with it the cylinder *d*, so allowing the weight *i* to drop down against the whistle *e* in like manner as described above as to the whistle *e'*, so making a whistling noise, which is continued at every half-revolution of the wheels *b b* during the movement of the toy.

It will be seen that my improved toy is exceedingly novel in its results and will not get out of order. It is economically constructed and is positive in its operation. By its use no harm can come to the child handling the same and will certainly prove entertaining.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In wheeled toys, the combination with



the axle carrying wheels affixed thereon, of a cylinder secured on said axle, a weight sliding in said cylinder, and whistles secured within said cylinder, substantially as and for the purposes set forth.

2. In wheeled toys, the combination with the axle carrying wheels affixed thereon, of a cylinder secured on said axle, a weight sliding within said cylinder, whistles secured within said cylinder, and a tongue connected to said axle, substantially as and for the purposes set forth.

3. In wheeled toys, the combination with the axle *a* carrying wheels *b b* affixed thereon, an opening *c* within said axle, a cylinder *d* secured within said opening *c*, whistles *e e'* secured within each end of the cylinder *d*, and a weight *i* sliding within the cylinder *d*,

substantially as and for the purposes set forth.

4. In wheeled toys, the combination with the axle *a* carrying wheels *b b* affixed thereon, an opening *c* within said axle, a cylinder *d* secured within said opening *c*, whistles *e e'* secured within each end of the cylinder *d*, a weight *i* sliding within the cylinder *d*, and a tongue *l* having loops *k* fitting around the axle, substantially as and for the purposes set forth.

In testimony whereof I, the said JOHN U. BARR, Jr., have hereunto set my hand.

JOHN U. BARR, JR.

Witnesses:

J. N. COOKE,  
GEO. B. NEAL.