

R. G. MESSINGER.
Toys.

No. 141,009.

Patented July 22, 1873.

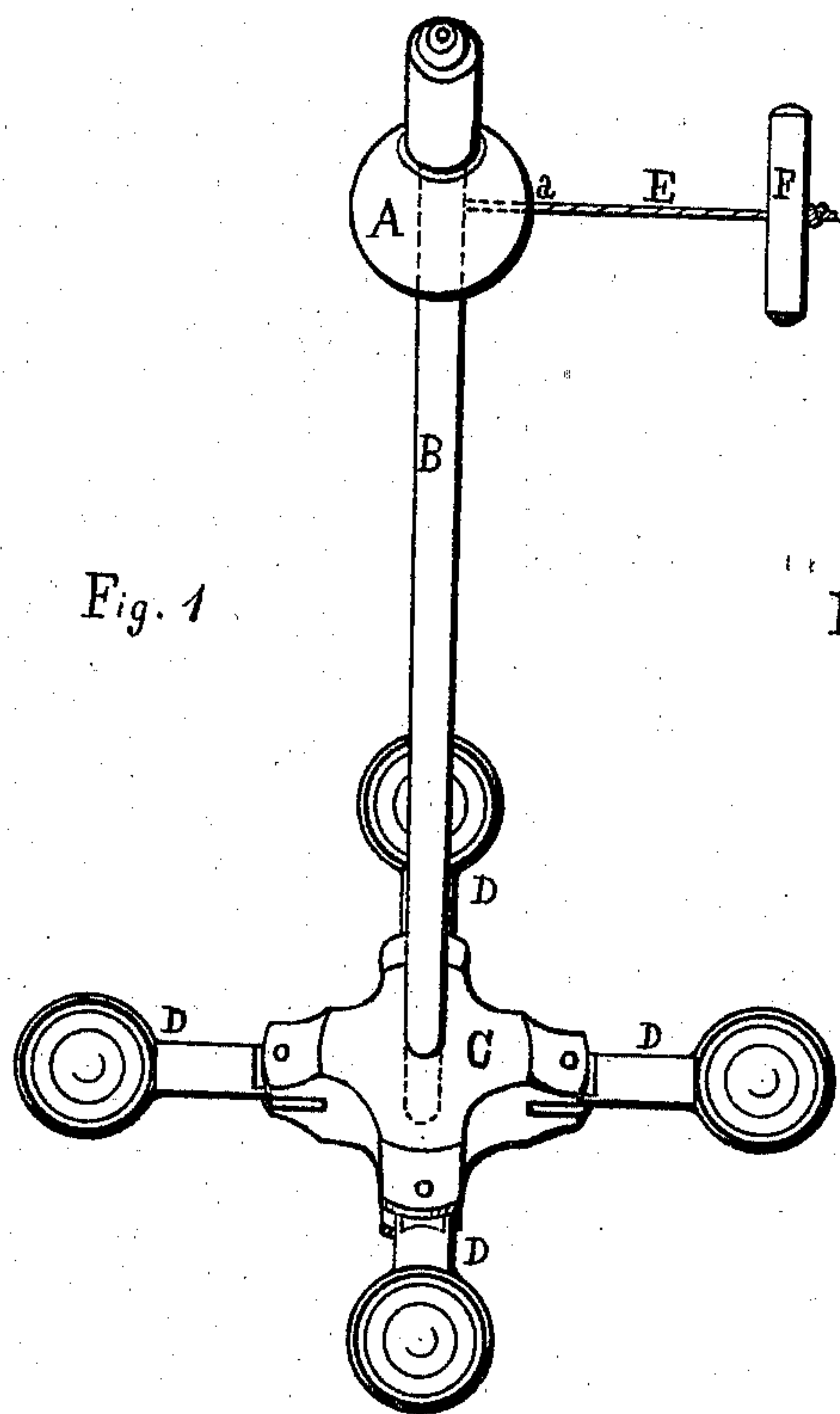
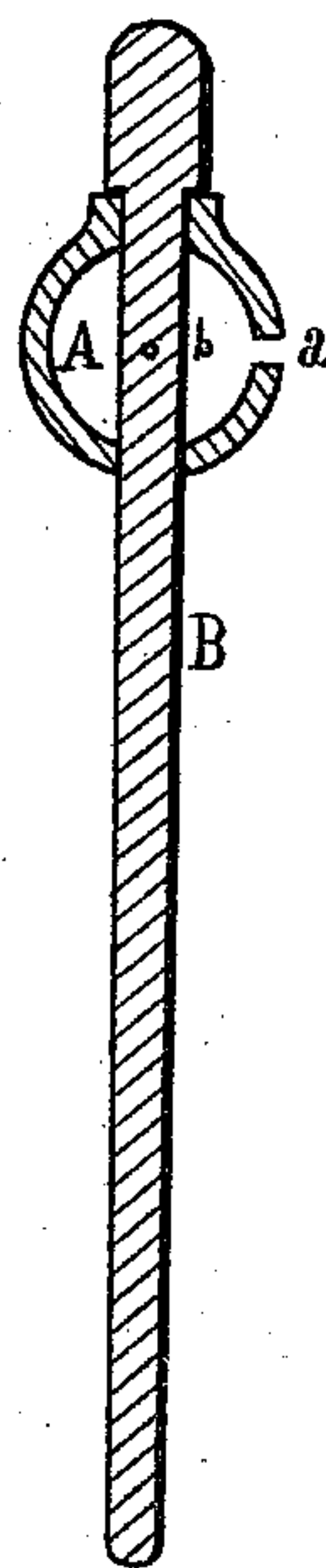


Fig. 2



WITNESSES.

Webster Park
A. F. Park

INVENTOR.

Robert G. Messinger

UNITED STATES PATENT OFFICE.

ROBERT G. MESSINGER, OF NORWICH, CONNECTICUT.

IMPROVEMENT IN TOYS.

Specification forming part of Letters Patent No. 141,009, dated July 22, 1873; application filed May 31, 1873.

To all whom it may concern:

Be it known that I, ROBERT G. MESSINGER, of Norwich, in New London county and State of Connecticut, have invented a certain Improved Whirling Toy, of which the following is a specification:

My invention consists of an improvement in a toy whirligig, which is so constructed that it may be kept in constant motion with little effort, thus presenting a very attractive and interesting appearance.

Figure 1 shows my improved toy as it appears when in use. Fig. 2 is a sectional view through the center, with the string and the lower part removed.

A is a hollow ball or shell, forming the handle of the toy, having a vertical hole through it, in which is loosely inserted the stem B. This stem B has an enlarged portion or head upon its upper end, forming a shoulder resting upon the top of the shell A, so that, while the shell A is held in the hand the stem B revolves freely within and upon it. E is a small cord, one end being secured in the handle F, while the other end passes through the opening *a* in the side of the shell, and, after winding around the stem within the hollow of the shell, is secured, through the hole *b*, to the stem B. D D are balls, provided with arms, which are pivoted, at their inner end, to the center piece C, so that each ball can swing around in a horizontal plane. This center

piece C has a hole in its center, into which the lower and tapered end of the stem is pressed to secure the center piece upon the stem.

This toy is used by holding the shell A in the fingers of one hand, and the handle F in the other, when pulling the string sets the top into rapid motion, and unwinds the string from the stem, when the momentum of the balls again winds it on, to be unwound in the same manner.

The rapid revolution of the balls gives them the appearance of a solid cylindrical rimmed wheel; and each time the direction of their rotation is reversed they swing around and strike the center piece, thus producing an entire change in their appearance, and also a noise, all which is intended to attract and please the young.

It is evident that the color of the whirling objects may be varied at pleasure.

I claim as my invention—

1. The combination of the balls D D, having pivoted arms, with the center piece C, to give momentum to a whirling toy, substantially as specified.

2. The toy herein described, consisting of the handle A, stem B, string E, center piece C, and balls D, substantially as and for the purposes set forth.

Witnesses: ROBERT G. MESSINGER.
WEBSTER PARK,
JAMES WOODMANSEE.