

(Model.)

E. P. HAFF.
Device for Putting up Cord Balls.

No. 237,267.

Patented Feb. 1, 1881.

Fig. 1.

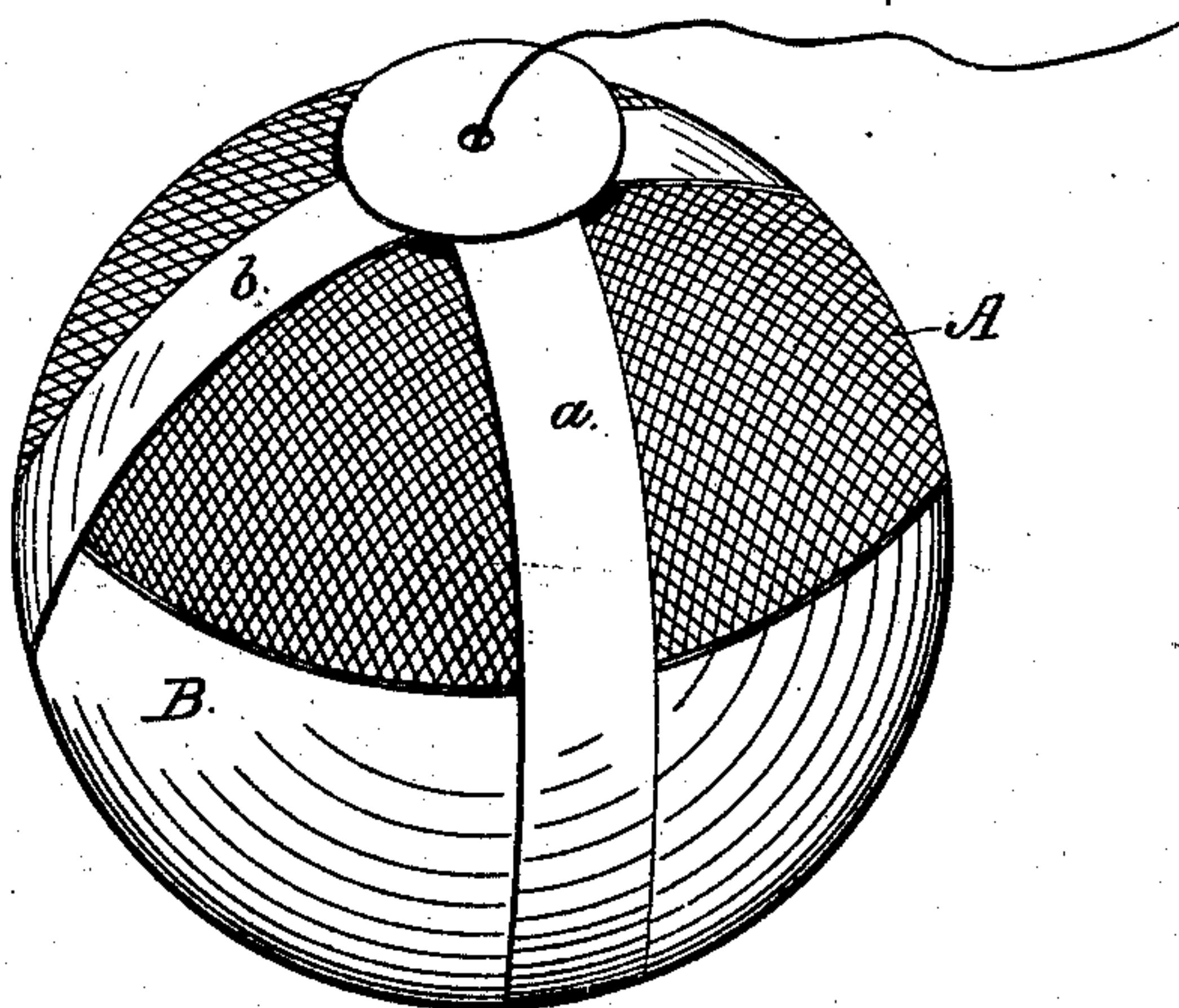


Fig. 2.

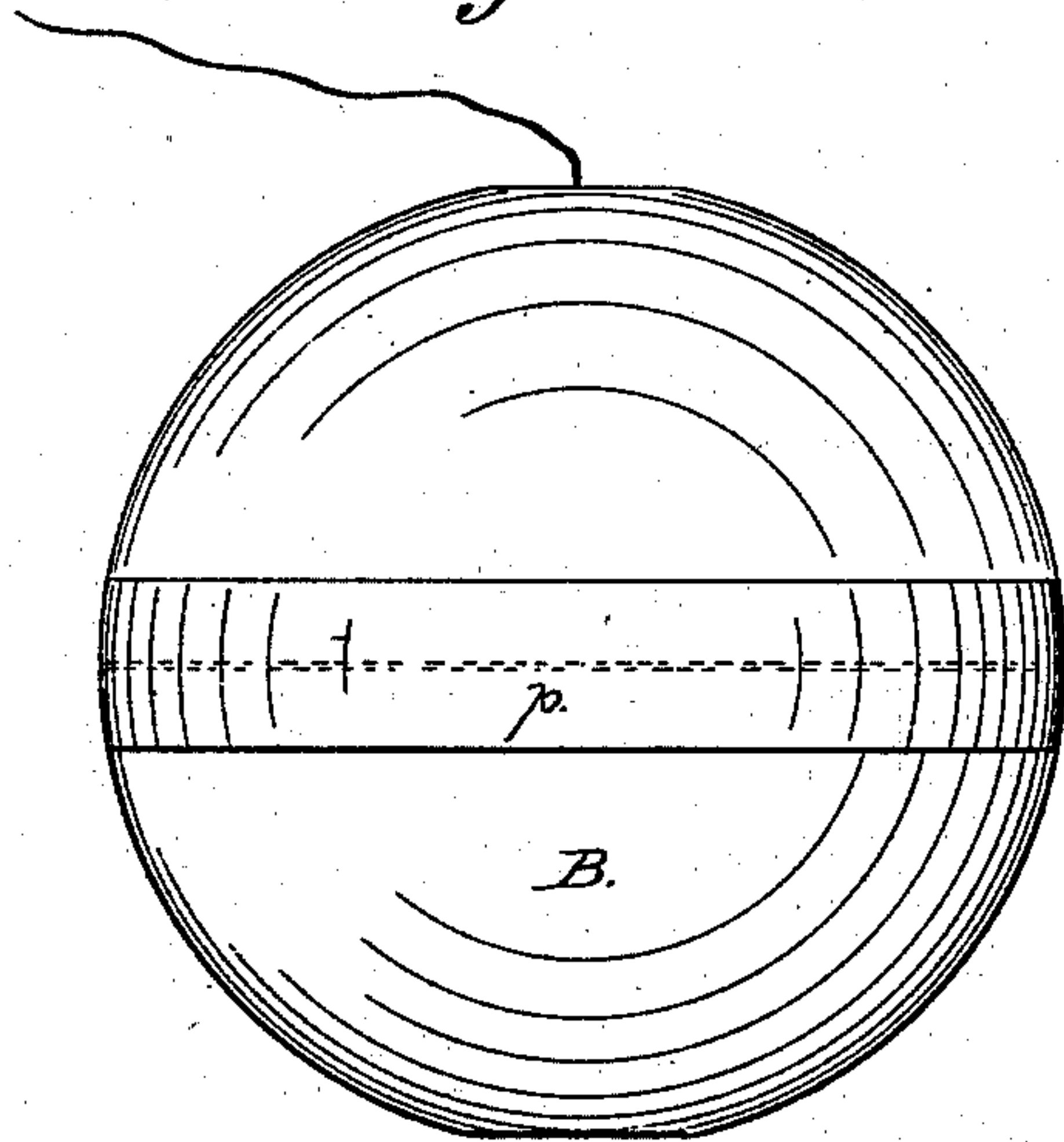
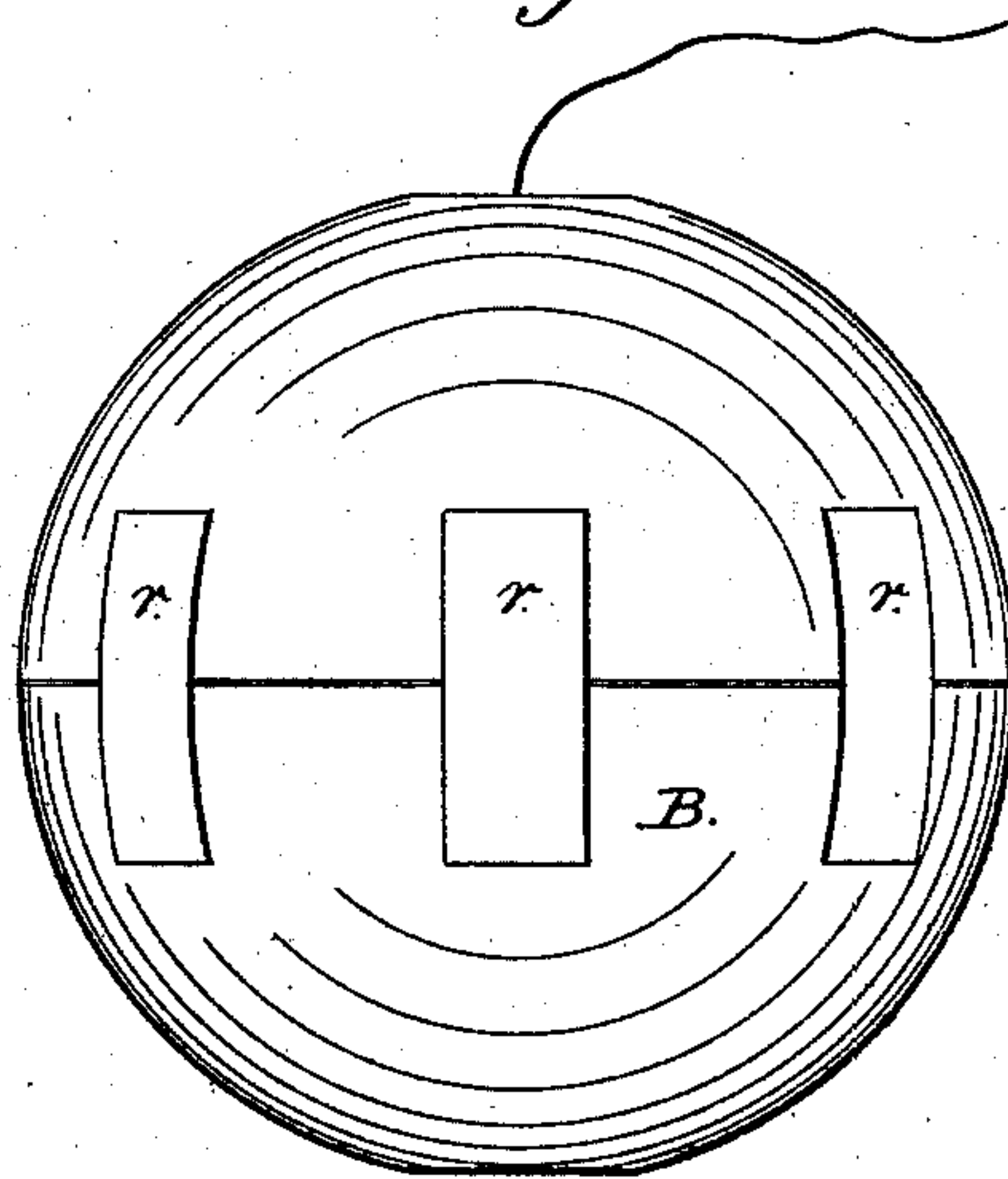


Fig. 3.



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DEVICE FOR PUTTING UP CORD-BALLS.

SPECIFICATION forming part of Letters Patent No. 237,267, dated February 1, 1881.

Application filed January 4, 1881. (Model.)

To all whom it may concern:

Be it known that I, EDWARD P. HAFF, of the city of Brooklyn, Kings county, New York, have invented a new and useful Improvement in Putting up Cord-Balls; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view of a ball of cord provided with my improved guard or wrapper. Figs. 2 and 3 are views showing modifications of the same.

My invention relates to an improved means of preparing or putting up balls of cord, twine, knitting-cotton, &c., which is designed to protect the balls from soiling when exposed for sale or in use, and designed also to control the unwinding of the cord when in use and prevent it from being tangled or unduly loosened.

My invention consists, as a new article of manufacture, in a ball of cord having a protective guard, wrapping, or case permanently applied to its exterior, which is designed to be applied to the balls when they are manufactured, and to be so cheaply constructed of paper or other analogous material as to be thrown away when the ball is used up, the said case fitting closely the periphery of the ball, and having an eye or hole through which the cord is allowed to pay out.

My invention consists, also, in the peculiar construction of the protecting-case, as will be hereinafter more fully described.

In the drawings, A is a ball of cord having a casing permanently applied to and fitting the rounded contour of its exterior. This casing, as shown, consists of a hemispherical cup, B, of paper, pasteboard, or other light and inexpensive material, which, in connection with the devices for attaching it to the ball, forms a complete and closely-fitting circular case for the ball.

I may attach these cups in several different ways. Thus, as in Fig. 1, cup B may be permanently fastened to the ball by paper strips *a b* pasted to the cup and crossing each other at the axis of the ball, where a

hole or eyelet, *c*, is formed, through which the cord is allowed to pay out; or I may not use the paper strips *a b* and place two cups together over the ball, as in Fig. 2, and then connect the two cups by a strip of paper, *p*, pasted over the joint of these two cups, or by bits of paper *r* fastened at right angles over this joint, as in Fig. 3. I may also make the cups so small as to allow them simply to form disks at the ends of the ball, and then connect them by crossed strips of paper, like those shown at *a b* in Fig. 1.

In defining my invention more clearly, I would state that I am aware that twine-holders have been made in the shape of metal cups, with a hole for the twine to pass through; but these are not in the nature of an inseparable permanent attachment to the ball when put upon the market, and do not constitute with the same a new article of merchandise, as mine does. I am aware, also, that crossed strips of material have been arranged so as to be opened or closed at will; but these did not fit closely to the ball of cord to protect it from soiling; and all these cages for balls of cord heretofore used are simply made to receive the ball while it is being used, and when it is used up the cage is opened and another ball is inserted.

My protective case or permanent wrapping is applied to each ball, and fits closely the contour of the same, and acts in the double capacity of allowing the cord to pay out without being tangled, and also of preventing the balls from being soiled by dust or dirt; and as they are cheaply made of light inexpensive material they are not designed to be retained after the ball of cord is gone, but are thrown away. Upon these jackets or casings for the balls suitable ornamentation may be placed to make the article, as a whole, an attractive thing, and labels, trade-marks, or other printed matter designating quality or kind may be placed thereon.

Having thus described my invention, what I claim as new is—

1. As a new article of manufacture, a ball of cord or knitting-cotton having a permanently-applied jacket or wrapping fitting closely the periphery of the ball, and having

an eyelet through the same, substantially as specified.

2. The combination, with a ball of cord, of a hemispherical cup permanently fixed to the
5 ball and held substantially as described.

3. The combination, with a ball of cord, of two hemispherical cups fastened together

around the ball by a connecting-strip, and having an eyelet or opening for the cord to run through.

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Witnesses:

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