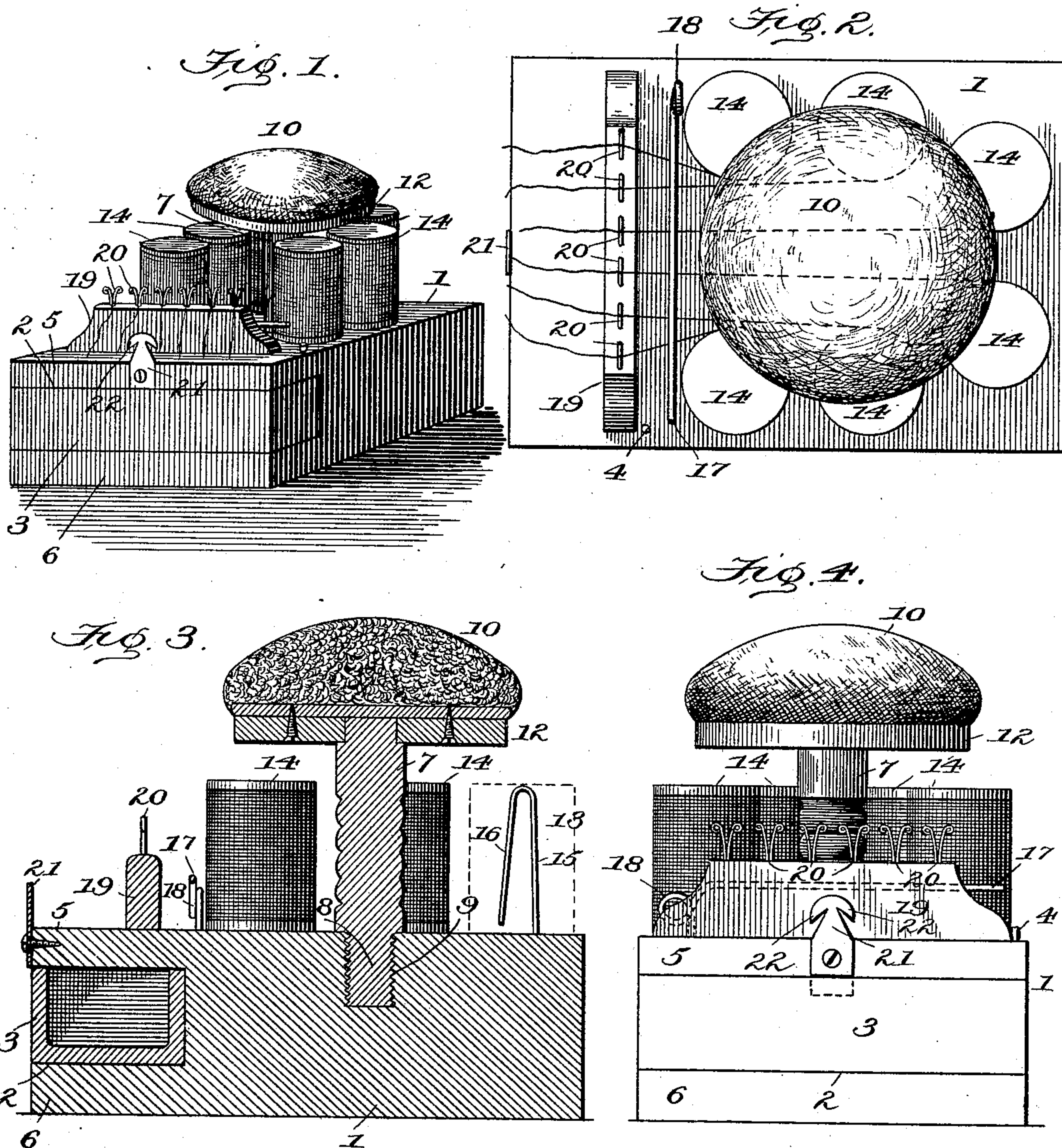


(No Model.)

M. GRAAF.
SPOOL RACK.

No. 591,272.

Patented Oct. 5, 1897.



WITNESSES:

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UNITED STATES PATENT OFFICE.

MARGARET GRAAF, OF ESTHERVILLE, IOWA.

SPOOL-RACK.

SPECIFICATION forming part of Letters Patent No. 591,272, dated October 5, 1897.

Application filed May 13, 1897. Serial No. 636,312. (No model.)

To all whom it may concern:

Be it known that I, MARGARET GRAAF, a citizen of the United States, residing at Estherville, in the county of Emmett and State of Iowa, have invented certain new and useful Improvements in Spool-Racks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has relation to improvements in spool racks or stands for spools of sewing-cotton; and the object of the invention is to provide a simple, convenient, and inexpensive device of this class.

To this end the novelty consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings the same reference-characters indicate the same parts of the invention.

Figure 1 is a perspective view of my improved spool rack or stand. Fig. 2 is a top plan view. Fig. 3 is a longitudinal section of the same, and Fig. 4 is a front elevation.

1 represents an ornamental rectangular base provided at its front end with a horizontal recess 2, which receives a rectangular drawer 3, pivoted on a vertical pin 4, extending through the parallel flanges 5 and 6 of the base and one corner of the drawer.

7 represents a vertical post formed with a threaded shank 8, by means of which it is removably secured in the correspondingly-threaded orifice 9 in the base, and the upper end of said post terminates in a semi-hemispherical pincushion 10, having a circular horizontal base-plate 12.

13 13 represent a series of spring-posts fixed in the base 1 and arranged concentrically about the post 7, and each one of said spring-posts forms a journal-support for the corresponding series of cotton-spools 14 14, and each of the posts 13 comprises a fixed upright pin 15, the free end of which is turned downward to form the approximately parallel spring-arm 16, and when the spool is in place the tension of this arm is such that it permits the spool to revolve freely in drawing the

thread from the spool and at the same time prevents it from overriding and tangling the thread.

17 represents a horizontal spring-guard, one end of which is fixed in the base, and it thence extends upwardly to form a coil 18, the free end of which forms the transverse horizontal spring-guard 17.

19 represents a transverse rib fixed to the base and extending across the end thereof parallel with the guard 17. The upper edge of this rib 19 is provided with a series of vertical V-shaped spring-guides 20 20, which receive and slightly clamp the free ends of the threads from the spools after the ends have been passed under the horizontal guard 17.

21 represents the thread-cutter, vertically fixed to the front edge of the base 1 and about midway between the ends of the rib 19. This cutter is formed with two integral diverging blades 22 22, under which the free end of the thread may be drawn and by an upward movement conveniently severed. The lower edge of the thread-cutter is flush with the upper edge of the pivoted drawer 3, and as the cutter is fixed to the base with a single round-head screw when the rack is not in use the cutter may be turned down to form a button to secure the drawer in place. It will be observed that the outer edge of the circular base-plate 12 extends above and projects over the upper edge of the spools to prevent their accidental displacement, and when a spool is exhausted the post 7 is removed and the empty spool replaced.

Although I have specifically described the construction and relative arrangement of the several elements of my invention, I do not desire to be confined to the same, as such changes or modifications may be made as clearly fall within the scope of my invention without departing from the spirit thereof.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

1. A spool-rack, comprising a base having a recess in the side thereof, a drawer pivoted to slide in said recess, and a thread-cutter formed at one end with cutting-blades and having its lower end pivoted to the base so

that said blade end is adapted to be turned down to hold the drawer closed, substantially as described.

2. A spool-rack, comprising a base, spool-
5 holders mounted thereon, a thread-cutter at one end of the base, a transverse rib provided with thread-guides and extending parallel with the end of the base adjacent said thread-
cutter and arranged between the thread-cut-
10 ter and spool-holders, and a guard arranged between the spool-holders and transverse rib, said guard consisting of a piece of wire hav-

ing one end secured to the base and formed with a resilience-coil, and the opposite free end thereof extending from said coil parallel 15 with said rib and forming a guard for the thread, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

MARGARET GRAAF.

Witnesses:

A. J. PENN,
E. L. GATES.