No. 806,691. PATENTED DEC. 5, 1905.

F. MERTEN.

TOOL RACK.

APPLICATION FILED JUNE 3, 1905.

Fig. 1.

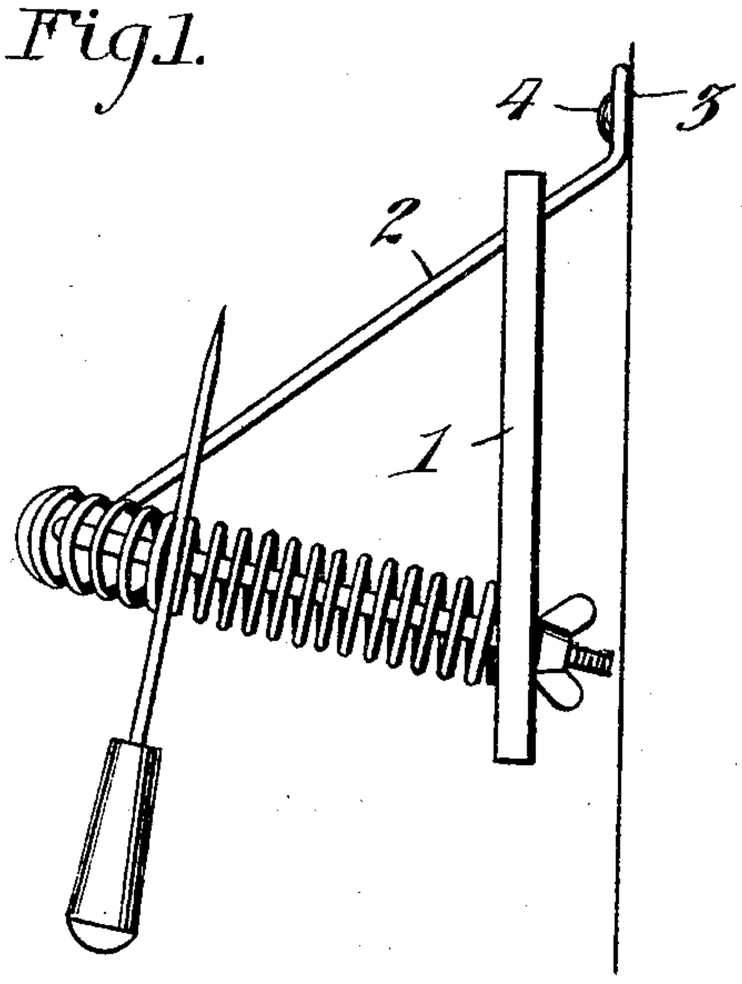


Fig. 2.

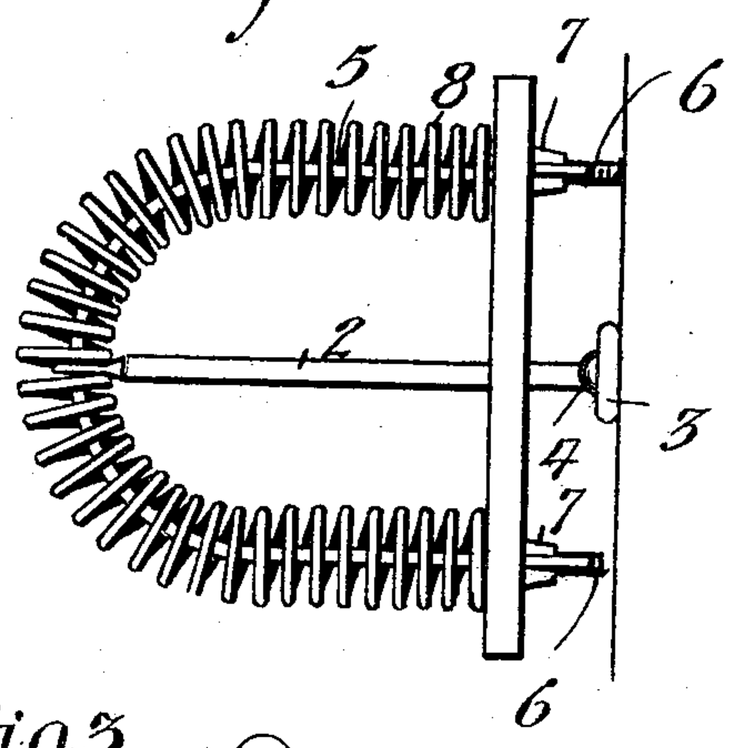
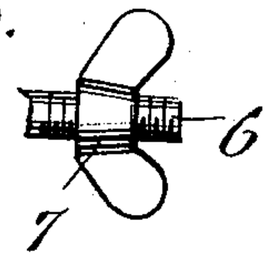


Fig. 3.



Witnesses

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TOOL-RACK.

No. 806,691. Specification of Letters Patent. Patented Dec. 5, 1905.

Application filed June 3, 1905. Serial No. 263,660.

To all whom it may concern:

Be it known that I, FRANK MERTEN, a citizen of the United States of America, residing at Shattuc, in the county of Clinton and State of Illinois, have invented new and useful Improvements in Tool-Racks, of which the following is a specification.

The invention relates to an improvement in tool-racks particularly designed for removably supporting tools or the like.

The main object of the present invention is the production of means for readily and conveniently supporting tools or other similar articles, the supporting means being adjustable to accommodate articles of varying sizes.

With the above object in view the invention consists in certain details of construction to be described in the following specification, reference being had particularly to the accompanying drawings, in which—

Figure 1 is a view in elevation of my improved tool-rack. Fig. 2 is a top plan of the same, and Fig. 3 is a broken detail plan illustrating the adjusting means.

Referring to the drawings, my improved tool-holder comprises a base 1, which is preferably a plate of any desired size or material, and a supporting-bar 2, which extends through an opening in the upper end of the plate and is terminally provided with an eye 3, designed to engage any suitable support, as a nail 4, projecting from a wall or other fixture.

The holder proper of the rack comprises a rod 5, bent into practically semicircular form and projected outward at an incline from the plate 1, the terminals of the bar projecting through openings in the plate and being terminally threaded at 6 therebeyond to receive thumb-nuts 7.

8 represents a coil-spring encircling that portion of the rod 5 forward of the base-plate 1. The terminals of the spring are secured to the base-plate and arranged so that their coils or convolutions are practically vertical, as clearly shown in the drawings.

The supporting-rod 2 extends through the base-plate 1, as before described, and is terminally secured at its forward end to the hanger-rod 5 about central of the latter, whereby to support the free end of the rack proper.

In use the tools or other articles are pressed between the coils of the spring 8 and retained therein against accidental disengagement through the pressure exerted lengthwise of said spring, as will be obvious. By adjusting the thumb-nut 7 the tension of the spring 8 may be increased or decreased to vary the pressure intermediate the coils, and thereby increase or decrease the holding action of the rack.

It will be noted that the rack described is of simple character and that through the adjustment of the spring it may be adapted for holding tools of various sizes and also providing against loss of tension through continuous use, it being understood that the thumb-nut 7 may be adjusted to increase or decrease the tension of the spring-holder as desired.

Having thus described the invention, what is claimed as new is—

1. A tool-rack comprising a base, a holding-rod terminally projected through the base and engaging thumb-nuts therebeyond, and a coil-spring encircling said rod forward of the base and being terminally secured to said base.

2. A tool-rack comprising a base, a holding-rod terminally adjustable in the base to increase or decrease its projection therebeyond, and a coil-spring encircling said rod forward of the base.

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

FRANK MERTEN.

Witnesses:

CORA ALMEGORD,

ELLEN MATSLER.