(No Model.)

C. RIESSNER.

SPRING HOLDING DEVICE.

No. 316,062. Patented Apr. 21, 1885.

Fig. 1.

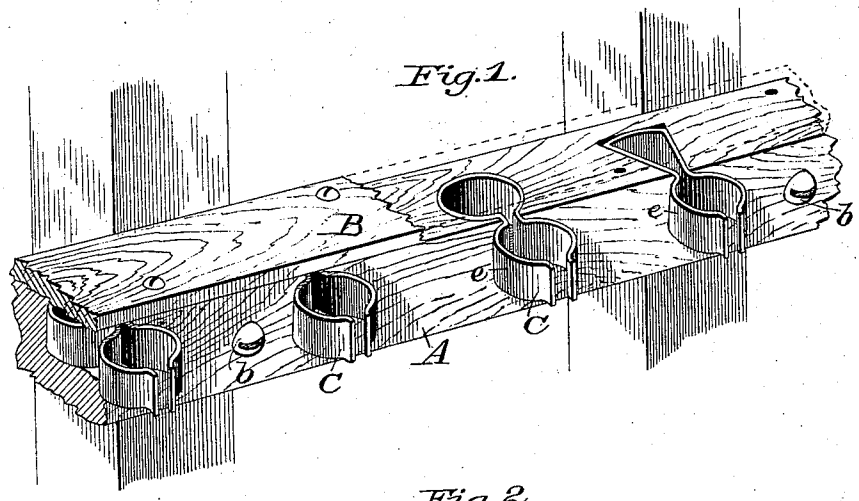
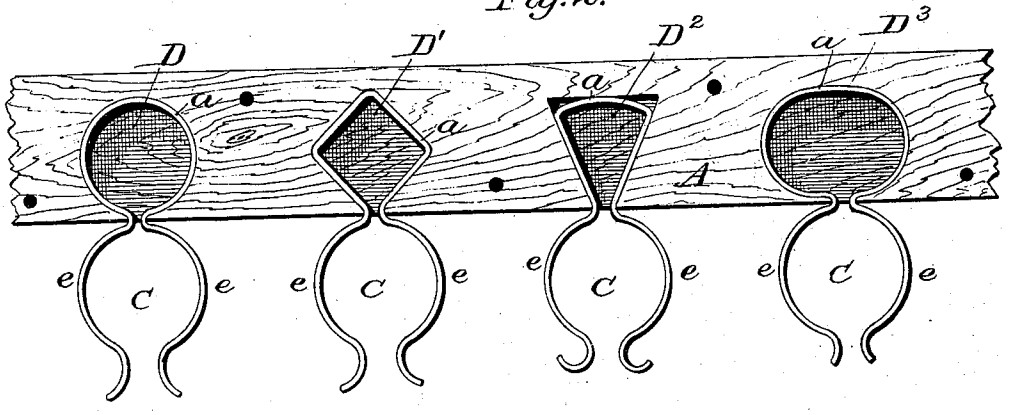


Fig. 2.



Witnesses:

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Inventor:

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UNITED STATES PATENT OFFICE.

CHRISTOPHER RIESSNER, OF NEW YORK, N. Y.

SPRING HOLDING DEVICE.

SPECIFICATION forming part of Letters Patent No. 316,062, dated April 21, 1885.

Application filed January 17, 1885. (No model.)

To all whom it may concern:

Be it known that I, CHRISTOPHER RIESSNER, of New York, in the county of New York and State of New York, have invented certain Improvements in Spring Holding Devices, of which the following is a specification.

My invention relates to spring clamps or holders for holding or supporting articles of various kinds; and the invention consists in the novel manner of securing the spring clamps or holders to their support, as hereinafter more fully described.

Figure 1 is a perspective view, shown partly in section, and Fig. 2 is a top plan view with the top piece removed.

Spring-clamps have heretofore been constructed for various purposes, generally, however, for holding small articles, such as pens, pencils, and the like. The object of my invention is to produce a device for holding larger articles—such as whips, canes, umbrellas, and other domestic articles—and to so construct the same that it can be manufactured cheaply and be furnished ready to be hung or otherwise attached to a wall in a manner similar to the portable hat-racks now sold. To accomplish this, I form the clamp or spring-holder C with two curved spring-arms, *e e*, as shown in Fig. 2, by bending a strip of metal so as to form at its center an enlargement, *a*, of any desired outline to fit into a corresponding recess, D, the two arms of the strip being brought near to each other, and then curved outward and around in a semicircular form until their free ends nearly meet, as shown, to form the spring or clamping arms *e*, the ends of which are recurved or bent outward, to enable articles to be readily pressed in between them. These spring holders or clamps I support by inserting or seating the enlargement *a* in acorresponding recess, D, cut or otherwise sunk into the upper surface of a bar, A, as shown in Figs. 1 and 2, and then fasten over them a thin strip, B, as shown in Fig. 1, which holds them securely in place. These bars A may be made of any desired length, thus containing any desired number of the clamps, either of uniform or varying sizes, and which can thus be fastened to a wall by screws *b*, as represented in Fig. 1, or in any other suitable manner.

It will readily be seen that the form of the enlargement *a* may be varied at will, so long as it is of such a form or size as to prevent it from being pulled out of the recess in the bar A. In Fig. 2 I have shown four different forms, the first being circular, shown at D; the second rectangular, at D′; the third triangular, at D^2, and the fourth oval, at D^3. These forms may be added to or varied at will without departing from the spirit of my invention; but I prefer the circular form, as shown at D, because it can be bored by a bit complete, and thus by means of a suitably-prepared boring-machine, provided with the requisite number of bits, a bar of any required length can have all its recesses cut at a single operation, and thus greatly expedite and cheapen the construction of the device.

These spring holders or racks I propose to make of various sizes and styles, some with the clamps C of a size suitable for holding brooms, canes, umbrellas, whips, and other household or domestic articles, as well as for other articles.

The bar A, instead of being plain, as shown, may be ornamented by moldings or otherwise, and the clamps C be plated, thus adding to the appearance or beauty of the article, and producing them of various qualities and prices.

A spring-holder of this kind is especially well adapted to holding goblets and similar articles of glass or crockery on vessels, and by varying the size or shape of the spring-arms *e e* to fit the different articles they may be adapted to holding a great variety of articles.

Having thus described my invention, what I claim is—

The combination of a bar, A, provided with one or more recesses, D, with a spring-clamp, C, having an enlargement, *a*, adapted to fit or be held in said recess, substantially as shown and described.

CHR. RIESSNER.

Witnesses:
JOHN W. STAEBENER,
CHAS. E. MEIER.