(No Model.)

D. W. ROWLAND.

COFFEE MILL HOLDER.

No. 431,485. Patented July 1, 1890.

Fig. 1

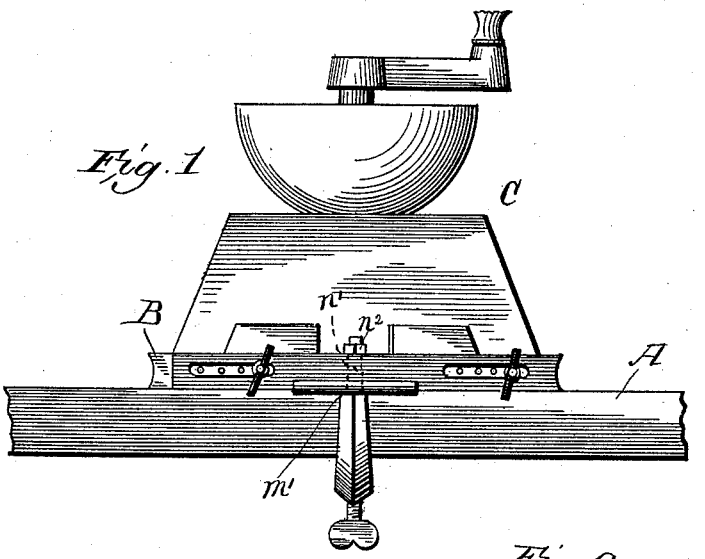


Fig. 6

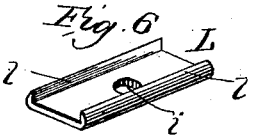


Fig. 2

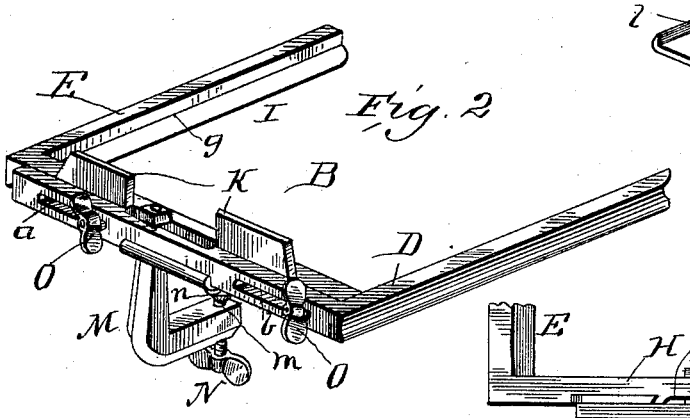


Fig. 3

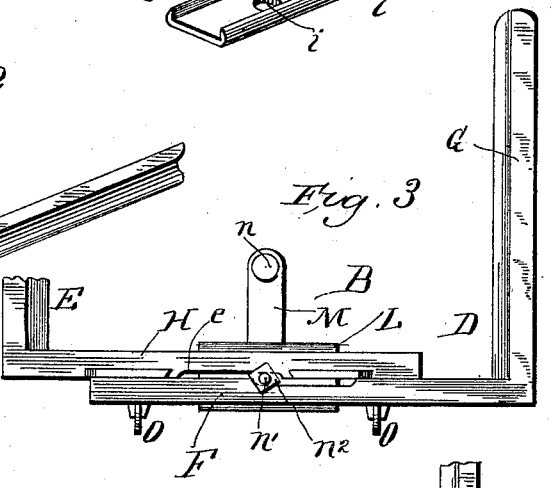


Fig. 4

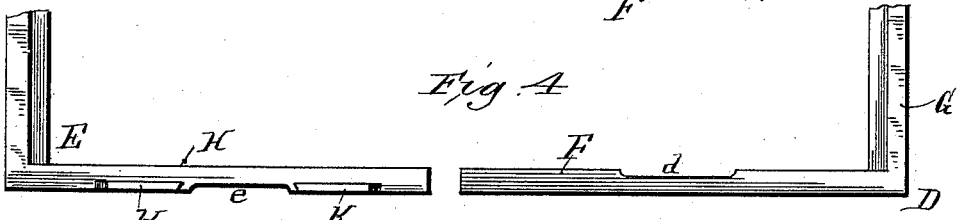
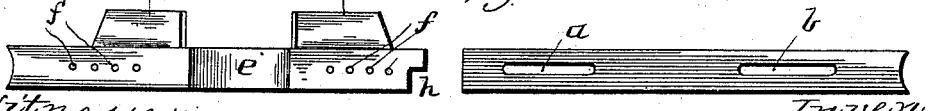


Fig. 5



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UNITED STATES PATENT OFFICE.

DAVID W. ROWLAND, OF CENTREVIEW, MISSOURI.

COFFEE-MILL HOLDER.

SPECIFICATION forming part of Letters Patent No. 431,485, dated July 1, 1890.

Application filed May 3, 1890. Serial No. 350,451. (No model.)

To all whom it may concern:

Be it known that I, DAVID W. ROWLAND, a citizen of the United States, residing at Centreview, in the county of Johnson and State of Missouri, have invented certain new and useful Improvements in Coffee-Mill Holders; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to coffee-mills, and particularly to the class of coffee-mill holders; and it consists of the novel construction and arrangement of the several parts, as will be hereinafter more fully described and claimed.

The object of the invention is to provide a holder for coffee-mills or other like kitchen articles which can be adjusted to accommodate any size of mill and to be readily attached to a table or shelf of any thickness.

In the accompanying drawings, forming part of this specification, Figure 1 is a front elevation of a coffee-mill secured in my holder to a table. Fig. 2 is a perspective view of my improved holder and clamp. Fig. 3 is a top plan view of the holder extended to receive a large mill. Fig. 4 is a top view of the mill-clamps detached from each other. Fig. 5 is a front view of the same; and Fig. 6 is a perspective view of my flanged brace.

Like letters of reference denote like parts throughout the several figures.

A denotes an ordinary kitchen-table, to which is attached through the medium of the holder B a coffee-mill C.

The holder B is constructed principally of two right-angle pieces D and E, each cast of iron, brass, or other suitable material, all in one piece.

The part F of the right-angle piece D has two slots *a* and *b*, through which suitable set-screws O pass. The central inner portion of the part F is cut out, as shown at *d*. The part G of the angle-piece D has its inner side cast with an angle, in which the coffee-mill rests.

The part H of the right-angle piece E has a cut-out *e* corresponding to the cut-out *d*, and in place of the slots *a* are a series of set-screw holes *f*. The part I of the angle-piece E has an angle *g* for the reception of the coffee-mill. The two lugs *k* are cast on top of the piece H to assist in holding the mill in place and prevent it from tilting. One end of this piece H has a right-angle notch *h*, which fits onto the angle *g*, as clearly shown in Fig. 5.

L denotes a brace having a central perforation *i* and flanges *l*, as clearly shown in Fig. 6.

The device for securing the holder to the table consists of a knee-clamp M, one end having a hole *m*, through which a large set-screw N works, which is provided with a flat head *n*. The other end of clamp M has a shoulder *m'*, from which projects a screw-threaded extension *n'*, provided with a suitable nut n^2.

It will be observed that the parts G and I of the holder B have grooved outer sides to enable them to be more readily grasped.

Having particularly described the construction of my invention, I will now proceed to explain the manner of bringing the parts together so as to hold a coffee-mill or other similar article to a table or shelf.

The angle-pieces D and E are brought together, the parts F and H face to face, the part F being on the outside, the flanged brace L put in place so that the perforation *i* will register with the opening formed by the cut-outs *e* and *d* in the said parts F and H. The extension *n'* is then inserted through the perforation *i*, passed through the aforesaid opening, and the nut n^2 screwed on. The set-screw N is inserted into the hole *m*, the small set-screws O are put into the holes *f*, and the holder can then readily be placed on the leaf of a table or shelf, and the coffee-mill set into the angle-pieces without removing or disturbing in any way the parts. To secure the mill and holder to the table, the pieces D and E are pushed close up to the sides of the mill, the set-screws O tightened, the nut n^2 screwed down to bring the shoulder *m'* hard against the brace L, and the set-screw N is then screwed up with the flat head *n* against the table until the device is satisfactorily secured.

I do not wish to be understood as limiting myself to any particular material, nor to the precise arrangement of parts, as I reserve to myself the right of altering the size of my

holder and changing the location of the several parts with relation to each other without departing from the spirit of my invention.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a coffee-mill holder, the combination of the two angle-pieces, one of them being provided with slots and the other provided with screw-holes and both having a cut-out in the same portion with said slots and screw-holes, with the set-screws O and knee-clamp having a screw-threaded extension, said angle-pieces being arranged together, so that the slots will register with the screw-holes and the cut-outs will form an opening for the said screw-threaded extension, substantially as shown and described.

2. In a coffee-mill holder, the front piece F, having the slots *a* and *b* and the cut-out *e*, the piece H, having a like cut-out and a series of screw-holes, and provided with the lugs K, in combination with the perforated brace and knee-clamp, substantially as shown and described, and for the purpose set forth.

3. In a coffee-mill holder, the flanged perforated brace, the angle portion E, provided with a front piece having the cut-out *e*, the angle portion D, also provided with a front piece having a similar cut-out *d*, in combination with the knee-clamp having the screw-threaded extension n' and nut n^2, substantially as shown and described, and for the purpose set forth.

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

DAVID W. ROWLAND.

Witnesses:

V. R. DELANEY,

GEO. WASHINGTON.