

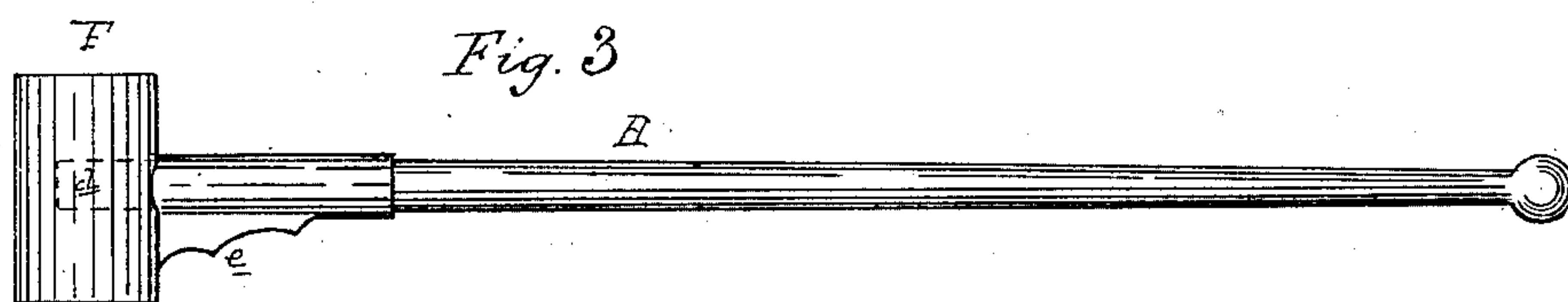
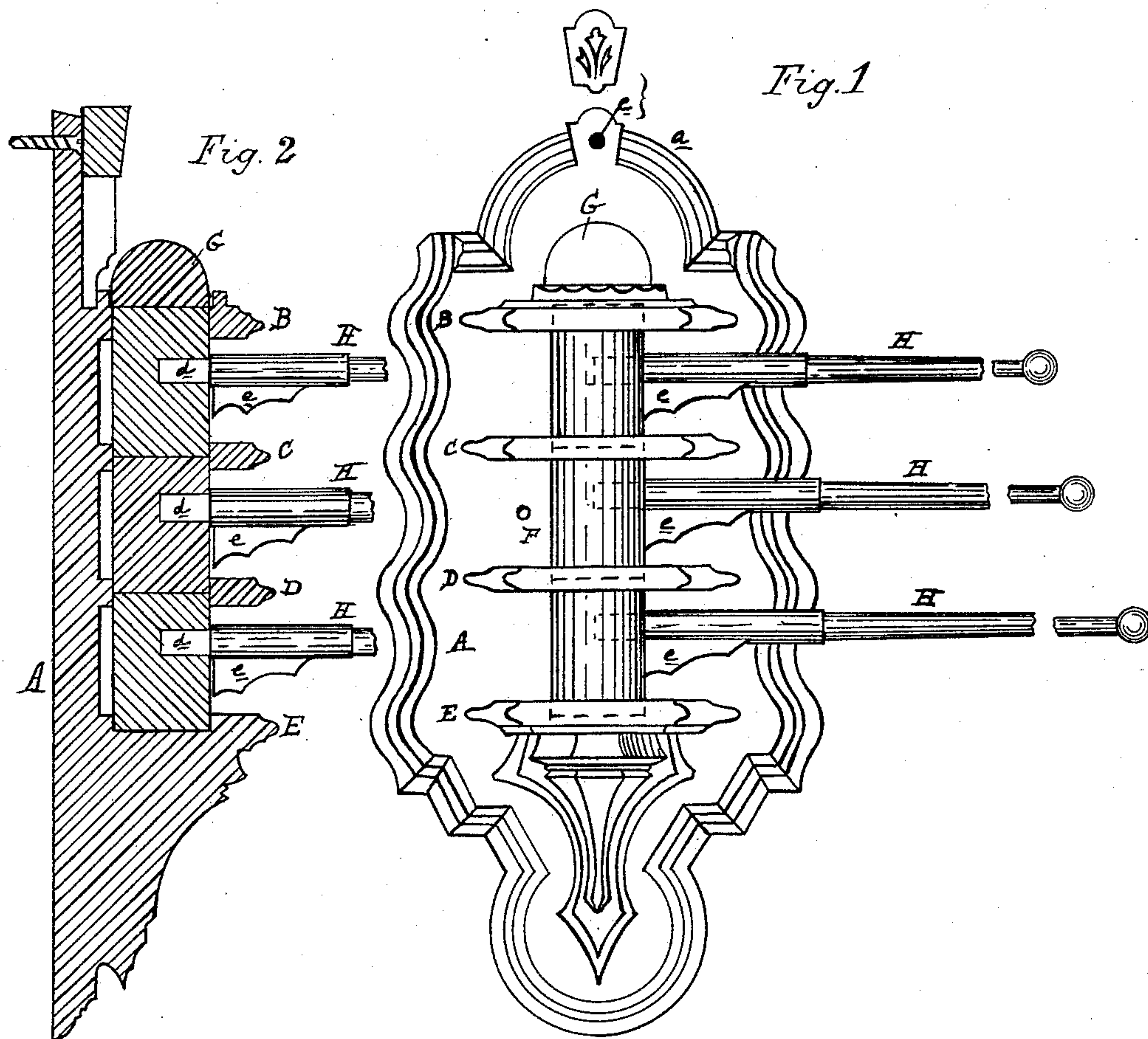
(No Model.)

P. STEVENS.

TOWEL RACK.

No. 318,147.

Patented May 19, 1885.



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PHILIP STEVENS, OF TOLEDO, OHIO.

TOWEL-RACK.

SPECIFICATION forming part of Letters Patent No. 318,147, dated May 19, 1885.

Application filed April 26, 1884. (No model.)

To all whom it may concern:

Be it known that I, PHILIP STEVENS, of Toledo, in the county of Lucas and State of Ohio, have invented new and useful Improvements in Towel-Racks; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

10 This invention relates to certain new and useful improvements in the construction of towel-racks designed to be attached to the wall or other suitable support adjacent to the lavatory; and the invention consists in the
15 peculiar construction and combination of the parts, all as more fully hereinafter described.

Figure 1 is a perspective elevation of my improved towel-rack. Fig. 2 is a vertical central section through the sectional shaft, showing the arrangement of such shafts with
20 relation to each other and the bearings which support them in place. Fig. 3 is a detached elevation of one of the arms.

In the accompanying drawings, which form
25 a part of this specification, A represents a suitable plate or bracket support, terminating at top in an arch, *a*, provided with a removable key-stone to close or disclose the hole *c*, through which a nail or screw is driven
30 to secure the plate in the desired position. In Fig. 1 this key-stone is shown detached and removed from its position to disclose the nail-hole.

B, C, and D are self-bearings, secured at
35 equal distances apart to and projecting from the front of the plate A, with a bore through them of the same size as the diameter of the sectional shaft which carries the arms.

E is a bottom bearing with a recess coincident with the holes through the shelf-bearings
40 and of the same size, and into this bottom bearing is stepped the lower end of the sectional shaft.

The shaft F in the drawings is composed of
45 three sections of equal length, the lower one being stepped into the bottom bearing and projecting into the shelf-bearing above sufficient to hold this section in place and allow it to freely rotate in its bearings. The next

section above is then stepped into the shelf-
50 bearing D, its lower end resting upon the top of the section below it. The upper end of the middle section projects into the shelf-bearing C above it, and forms a rest upon which to
55 step the next section of the shaft above it, the upper end of which passes into the upper shelf-bearing, B, and instead of any section of shaft being stepped into this upper shelf-bearing, a cap, G, is inserted, which gives a
60 finish in appearance to this part of the device. Into each of the sections of the shaft, and running toward the axis thereof, is bored a hole to receive the tenon *d* on the end of
65 the arm H, and upon the under side of the arm, adjacent to the tenon *d*, is formed a stop-brace, *e*, which limits the projection of the tenon into the shaft and forms a brace to support the arm from springing.

It will be readily seen that by this construction the arms and cap may be removed, and
70 each section of the shaft taken out and the whole packed for shipment in very compact form, thereby rendering this construction of great value, while its utility is self-evident.

I am aware of the Patent No. 118,970, and
75 make no claim to the construction shown therein as forming part of my invention.

What I claim as my invention is—

1. In a towel-rack, the combination, with the supporting-plate A, provided with top
80 and bottom bearings, B and E, and intermediate bearings, C and D, of the sectional shaft F, stepped in said bearings, whereby each section of the shaft has a bearing at its top and bottom, and the bars H, inserted in the
85 sections of said shaft, substantially as and for the purpose specified.

2. The combination, with the supporting-plate A, provided with bearings, as described, of the sectional shaft F, stepped in said bear-
90 ings, and the arm H, provided with a tenon to engage a hole in said shaft, and on its under side with a stop-brace, *e*, substantially as and for the purposes specified.

PHILIP STEVENS.

Witnesses:

H. S. SPRAGUE,
E. SCULLY.