

H. W. CURTIS.
Improvement in Towel Racks.

No. 124,120.

Patented Feb. 27, 1872.

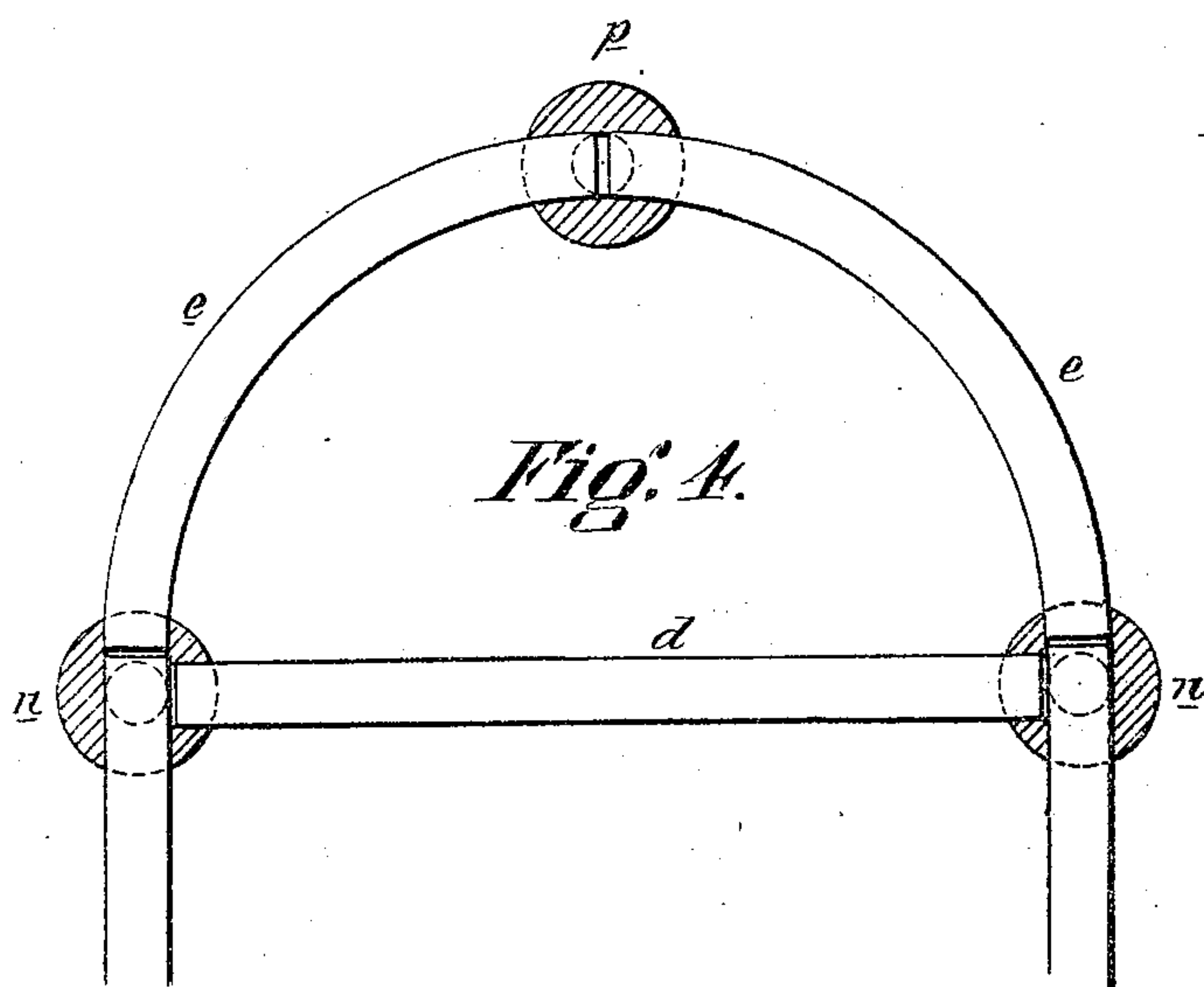
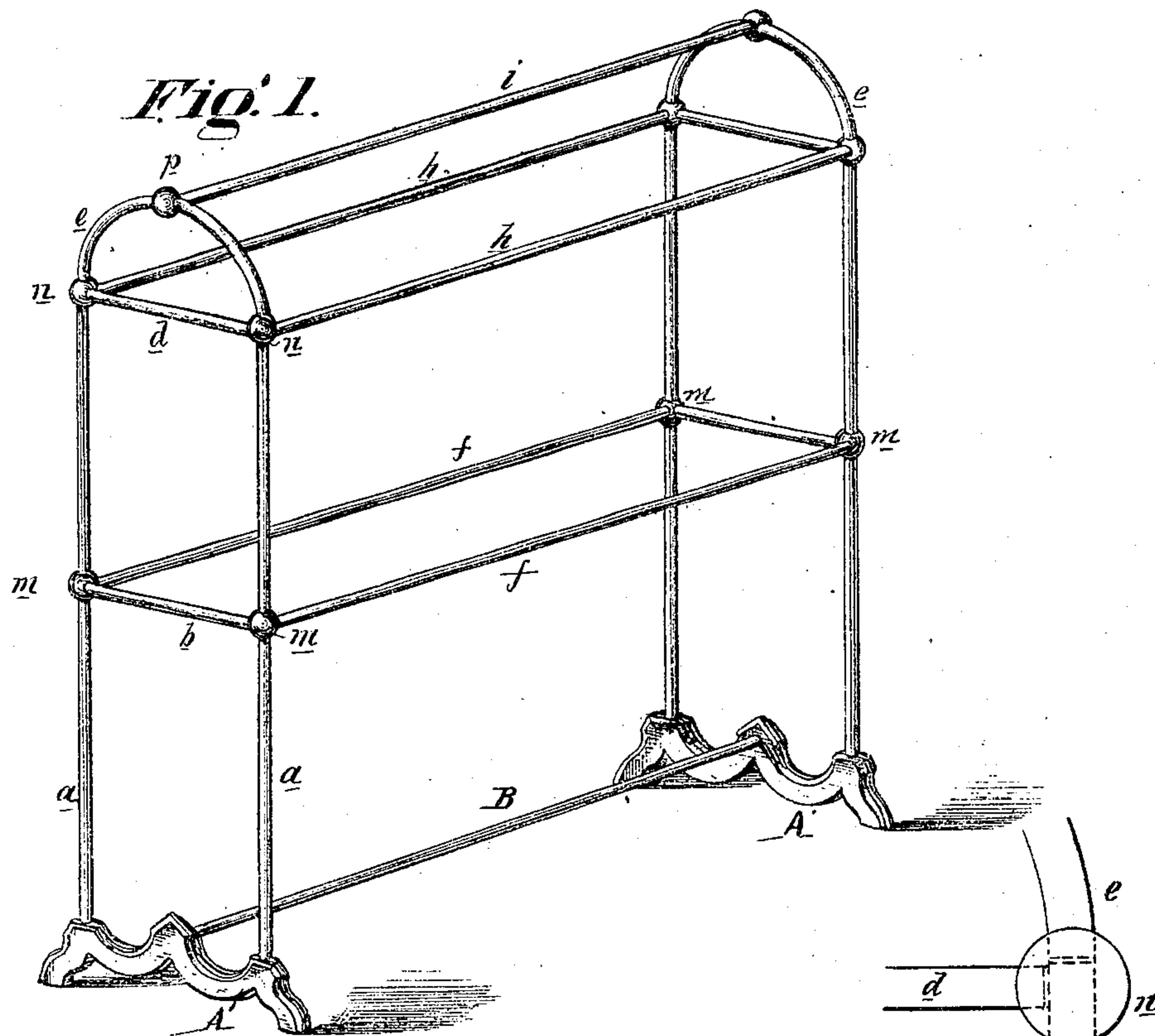
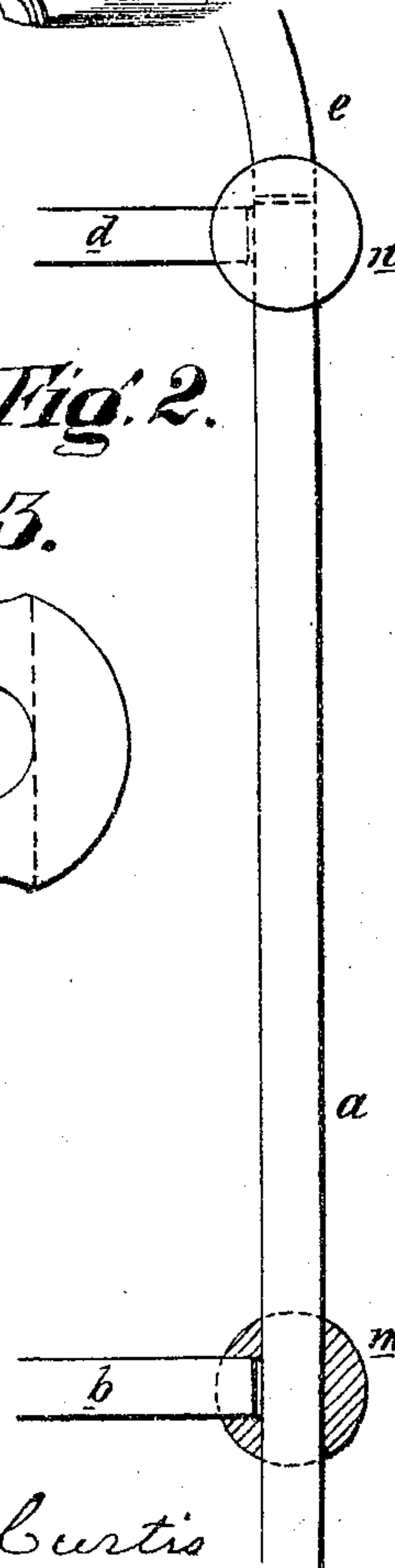
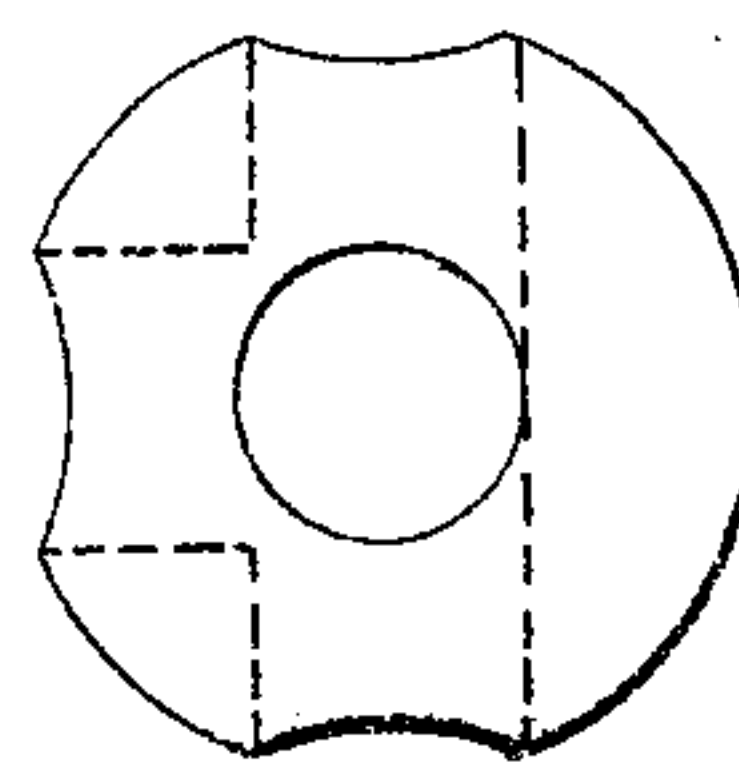


Fig. 2.
Fig. 3.



Witnesses { Mrs. B. Harding.
John Parker

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by his atty.
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UNITED STATES PATENT OFFICE.

HARRISON W. CURTIS, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
HALE, GOODMAN & CO., OF SAME PLACE.

IMPROVEMENT IN TOWEL-RACKS.

Specification forming part of Letters Patent No. 124,120, dated February 27, 1872.

Specification describing an Improved Towel-Rack, invented by HARRISON W. CURTIS, of Philadelphia, county of Philadelphia and State of Pennsylvania.

My invention consists of a towel-rack having bars and rails connected together by coupling-blocks, in a manner too fully explained hereafter to need preliminary description, the object of my invention being to economize material in the manufacture of racks of a neat and substantial character.

In the drawing, Figure 1 is a perspective view of my improved towel-rack; and Figs. 2, 3, and 4, views of detached portions of the rack drawn to an enlarged scale.

A and A' are the opposite feet or bases of the rack, and are connected together by cross-piece B. Each of the opposite end frames of the rack is composed of two vertical bars, *a a*, connected together at a point midway, or thereabouts, between their upper and lower ends by a cross-bar, *b*; and at the top by arched bars *e e*, the frames being connected together by the horizontal rails *f f*, *h h*, and *i*. My invention relates more especially to the peculiar manner in which these several parts are put together, as illustrated in the detached views, Figs. 2, 3, and 4. The vertical bars *a a* are fitted into and secured to the base, and pass upward through and are glued to the coupling-blocks *m m*, each block receiving one end of the bar *b*, as well as one end of the rails *f*. The upper ends of the vertical bars *a a* terminate within the coupling-blocks *n n*, each of which also receives one end of a cross-bar, *d*, one end of one of the upper rails *h*, and one end of one of the arched pieces *e e*, the upper ends of these pieces meeting within a coupling-block, *p*, which receives one end of the upper rail *i*.

In the workshops of cabinet-makers, manufacturers of picture-frames, &c., a quantity of

valuable lumber is necessarily cut to waste, the waste pieces consisting generally of small blocks, which are usually disposed of as waste scraps, but which I utilize by converting them into the above-mentioned coupling-blocks for towel-racks.

The scraps may be converted into simple round blocks, as shown in the drawing, or the blocks may be of any other shape, and ornamented in any desired manner, care being taken in all cases that they be of sufficient size to afford the proper strength after the holes are bored.

Independently of the economy attained in thus utilizing waste scraps by converting them into coupling-blocks, the latter become the mediums for building a neat structure of a very substantial and permanent character; for, after the several bars and rails have been glued into the blocks, the towel-rack, though light in appearance, will bear much rough usage.

Economy is attained in another respect in carrying out my invention. The arched top of the frame is made of two pieces, *e e*, which can be cut out with much less waste of material than a single piece.

If desired, the bars and rails may be screwed into the coupling-blocks, instead of being glued therein.

I claim as my invention—

As a new article of manufacture, a towel-rack having bars and rails connected together by coupling-blocks, as herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

H. W. CURTIS.

Witnesses:

WM. A. STEEL,
JOHN K. RUPERTUS.