

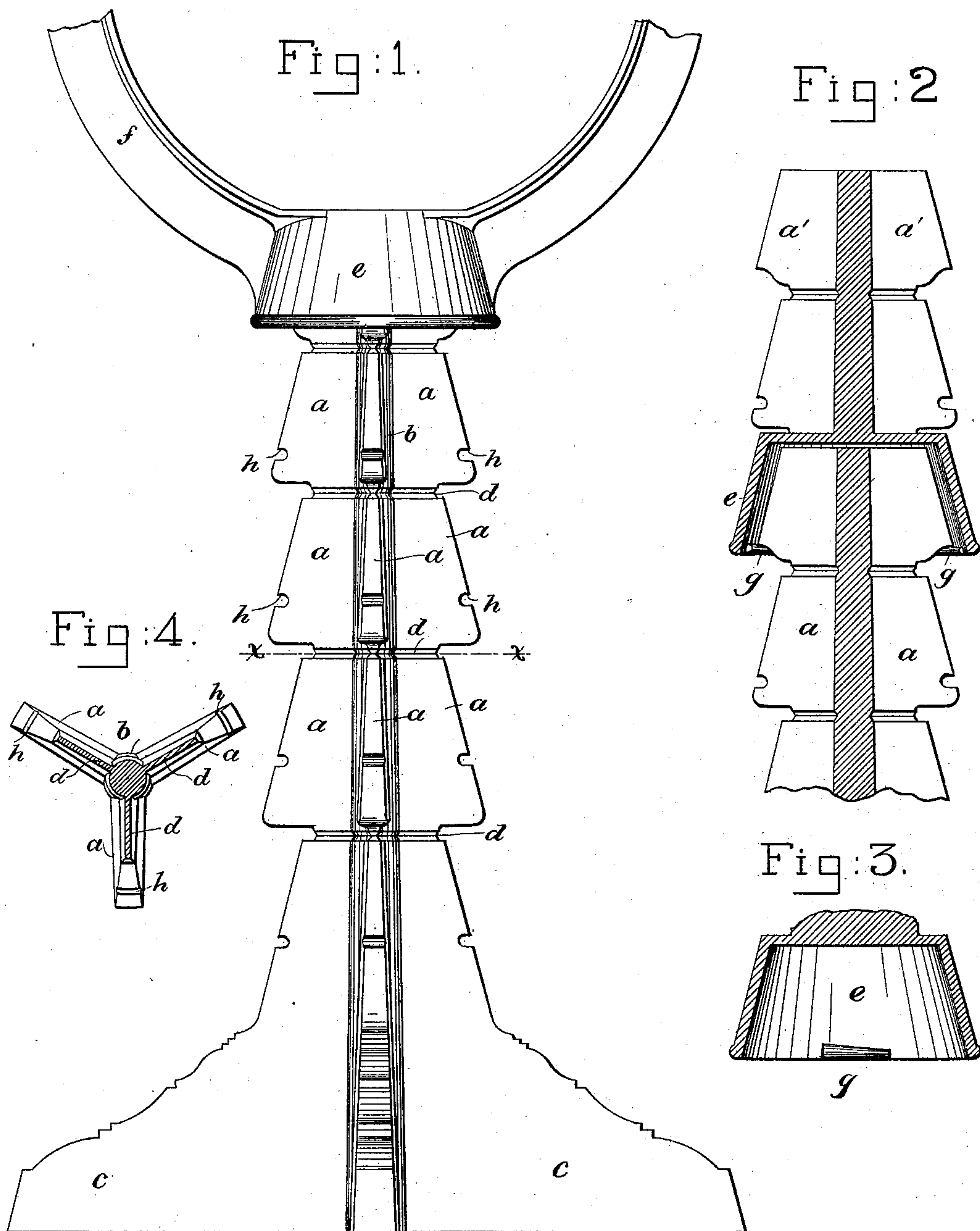
(No Model.)

A. P. CREQUE.

PEDESTAL FOR RANGE BOILERS.

No. 375,412.

Patented Dec. 27, 1887.



Witnesses.
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UNITED STATES PATENT OFFICE.

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PEDESTAL FOR RANGE-BOILERS.

SPECIFICATION forming part of Letters Patent No. 375,412, dated December 27, 1887.

Application filed January 3, 1885. Serial No. 151,922. (No model.)

To all whom it may concern:

Be it known that I, ALLEN P. CREQUE, of New York city, county and State of New York, have invented an Improvement in Pedestals for Range-Boilers, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention relates to that class of boiler stands or pedestals having an upright composed of a series of detachable sections separated by grooves to enable one or more of the said sections to be broken off or detached from the upright to shorten or reduce the pedestal to the height required for the boiler in each particular case, the upright being originally made of the greatest length that will ordinarily be required. In other applications, Serial Nos. 151,926 and 151,927, I have shown and described a pedestal of that class in which the upright is composed of a hollow column of integral sections, fragilly connected, and the base is also hollow, thus requiring a core for casting.

The object of the present invention is to produce a cheaper support than described in the applications referred to; and the present invention consists, essentially, in an upright composed of a series of radial flanges or projections provided with shallow grooves, thus outlining a series of sections each of which is adapted to receive, and which is also preferably so made as to have fastened to it, a bracket or co-operating member having a suitable socket to engage the endmost or terminal section of the upright. If desired, a lengthening-piece may be added to the upright, which lengthening-piece will be adapted to receive the bracket or co-operating member like the detachable sections of the main upright, which may thus be made of average length and may be lengthened or shortened by adding or removing sections, as the case may require.

Figure 1 is a side elevation of a boiler pedestal or support embodying this invention; Fig. 2, a partial vertical section of the upper portion thereof, with a lengthening-piece attached; Fig. 3, a vertical section of the socket or foot which engages the terminal section of the upright; and Fig. 4, a horizontal section on line *x x*, Fig. 1.

The upright consists of a series of radial

flanges, *a*, preferably three or four in number for convenience in casting, the said flanges intersecting with a solid central portion, *b*, which may be of any desired size. The said flanges are shown as extending out at the end of the column at *c* to afford a suitable base for the upright, which is provided with grooves *d*, making weak points at which the upright may be easily broken, the said grooves thus separating the said upright into a series of detachable sections, one or more of which may be removed from the end of the upright to reduce the height of the pedestal, as may be required. The edges of the flanges *a* in each section of the upright are preferably inclined, as shown, so that the entire series of flanges in a given section will afford a seat or bearing for a cup-shaped socket, *e*, which may constitute a portion of the bracket *f*, a part only of which is shown in Fig. 1, upon which the boiler may rest; and in order to fasten the bracket or co-operating member upon the upright the said socket is provided with locking projections *g*, (see Figs. 2 and 3,) which, by the partial rotation of the socket after it has been seated on the end section of the upright, will engage locking-shoulders *h* on the flanges *a*.

In some cases a very high support will be required; and in order to obviate the necessity of making all the uprights of sufficient length to meet such extreme cases, and thus necessitate the shortening of the upright in the greater number of cases, a lengthening-piece may be employed, as shown in Fig. 2, it having a socket, *e'*, adapted to seat on the end section of the main upright, as already described, the said socket being surmounted by an upright composed of flanges *a'*, similar to those of the main upright, and adapted to receive the socket *e* of the bracket *f*, or still another lengthening-piece, if required.

The lengthening-piece may itself be separated by grooves into a series of detachable sections, so that such lengthening-piece may be made of sufficient length for the very highest supports that may be required, and may then be shortened to produce supports for intermediate heights between that afforded by the said upright with the entire lengthening-piece.

It will be seen that the socket *e* in either case is seated and fastened directly on the end-

most section of that portion of the upright that is used as the upper or terminal end.

I claim—

1. In a pedestal or support, an upright having a series of longitudinal flanges, *a*, provided with shallow cross or transverse grooves to outline sections and make a fragile connection between said outlined sections, combined with a co-operating member, *f*, provided with a socket to embrace the terminal section of the upright, substantially as described.

2. In a pedestal or support, an upright having a series of longitudinal radial flanges, *a*, provided with shallow cross or transverse grooves to outline sections and make a fragile connection between said outlined sections, combined with a co-operating member, *f*, provided with a socket to fit the terminal section, and

with a locking device to secure the co-operating member *f* to the said terminal section of the upright, substantially as described.

3. As an improved article of manufacture, a boiler-pedestal composed, essentially, of a base provided with an upright having several longitudinal radial flanges, the upper end of the flanges being tapered to form parts of a seat, and a bracket, *f*, having a socket, *e*, to rest or bear upon the seat portions of the flanges, substantially as described.

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

ALLEN P. CREQUE.

Witnesses:

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JOS. P. LIVERMORE.