

(No Model.)

A. P. CREQUE.
BOILER PEDESTAL.

No. 444,692.

Patented Jan. 13, 1891.

Fig:1.

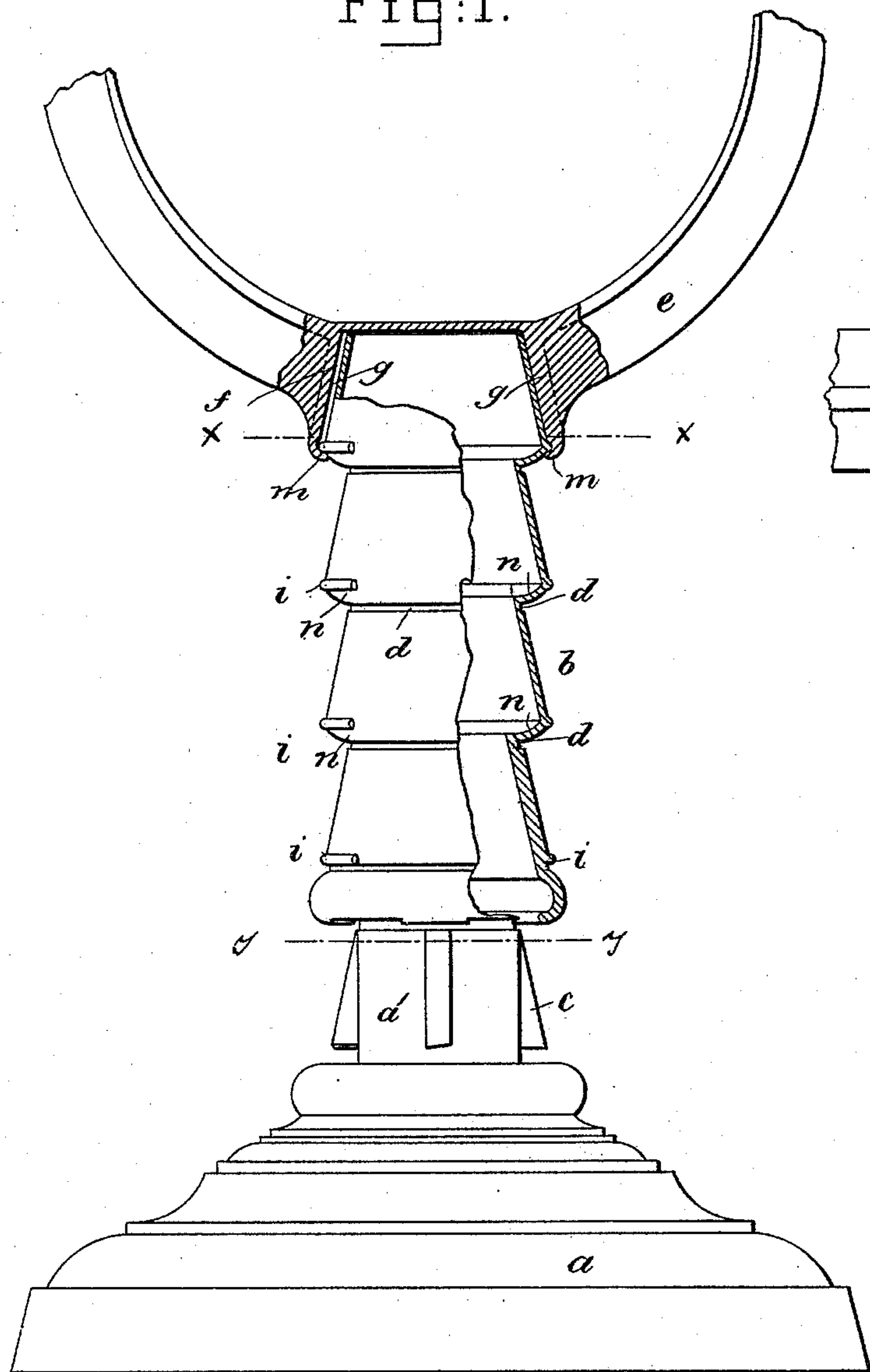


Fig:2.

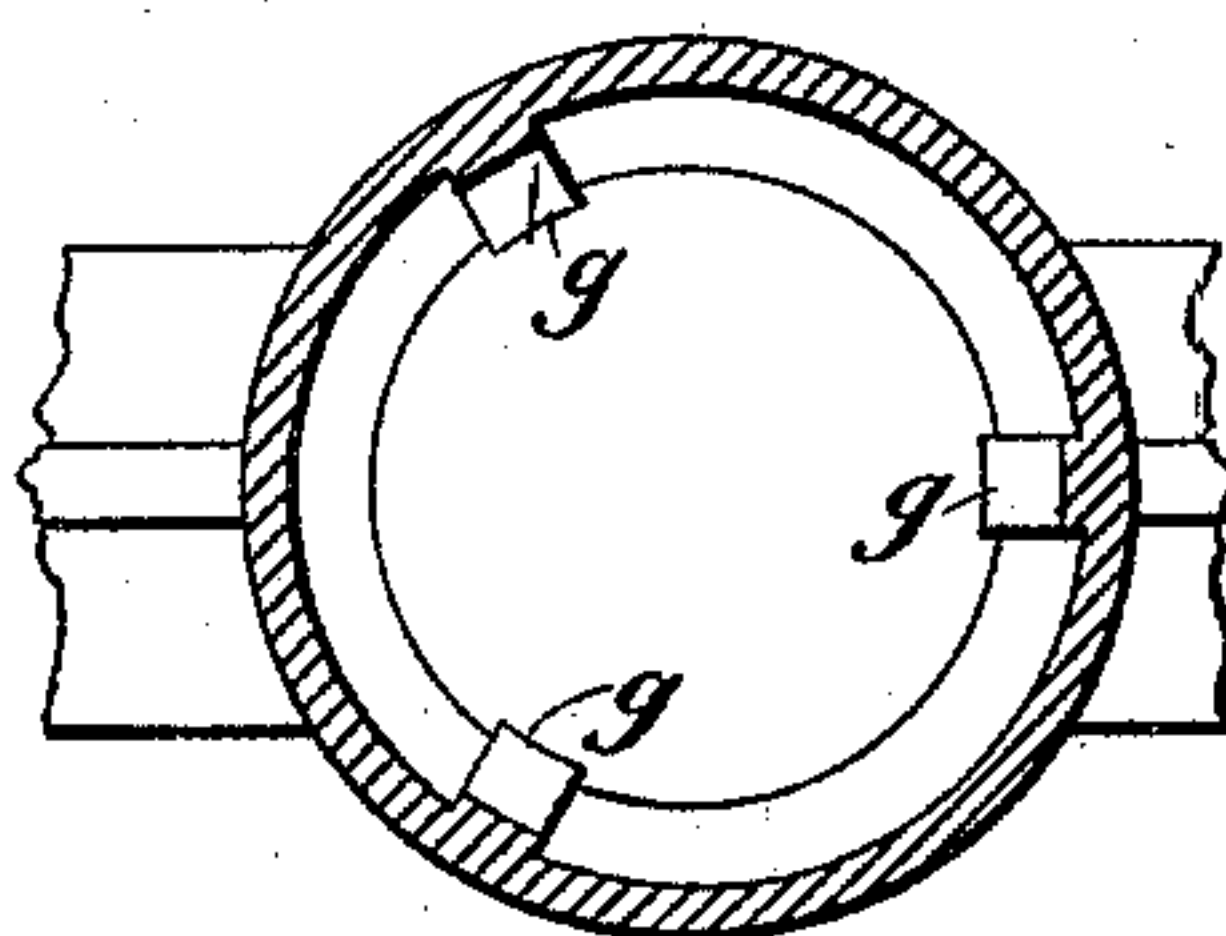


Fig:3.

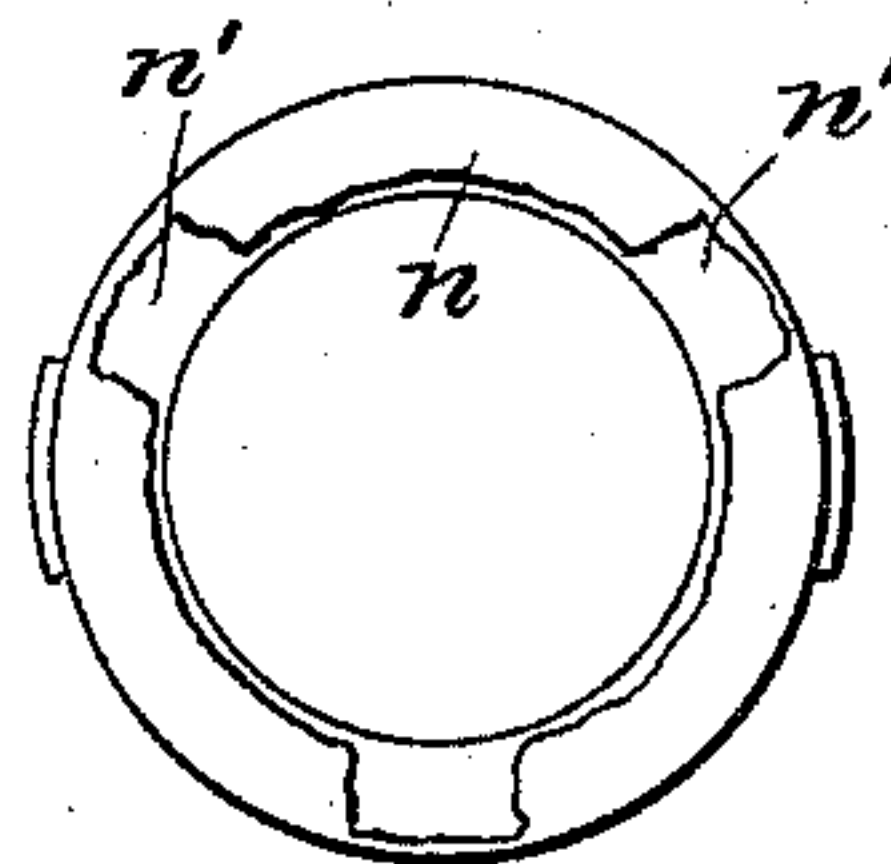
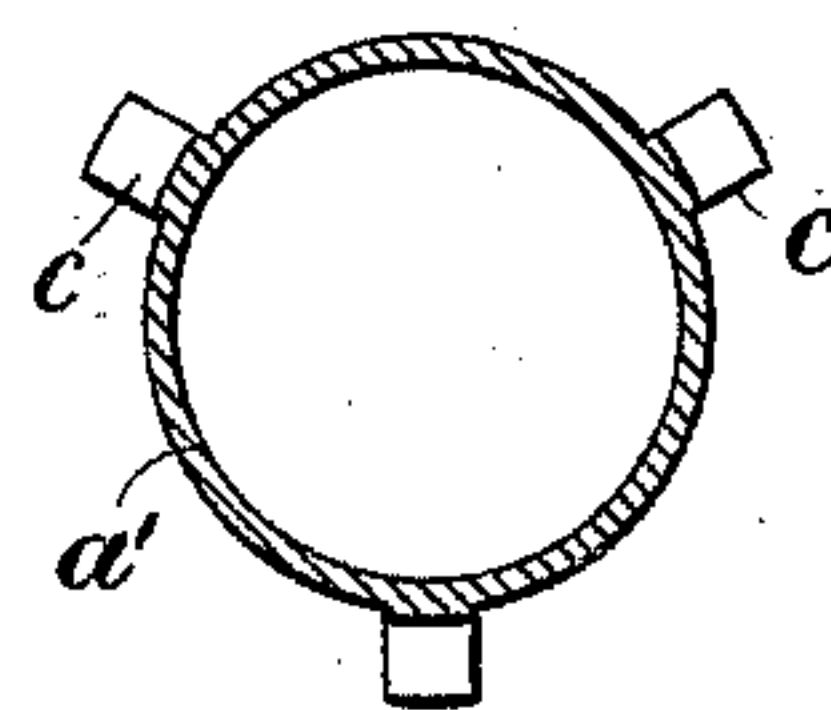


Fig:4.



Witnesses

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UNITED STATES PATENT OFFICE.

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BOILER-PEDESTAL.

SPECIFICATION forming part of Letters Patent No. 444,692, dated January 13, 1891.

Application filed January 3, 1885. Serial No. 151,927. (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 Boiler Pedestals or Supports of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

My invention relates to a pedestal or support, such as employed for boilers employed for heating and circulating water for domestic or other purposes. In another application, Serial No. 151,926, I have shown and described a pedestal consisting, essentially, of a hollow upright or column separated by grooves into a number of sections, one or more of which may be broken from the column at one of the grooves to reduce the height of the said column, as may be desired, each of said sections being adapted to receive a bracket, which in turn holds the boiler, the said bracket being fastened or locked upon the upright. In the said application the bracket is provided with an external seat and with a shank which enters the column and is locked in the interior thereof, and, furthermore, in the said application the column is shown as cast integral with the base, and the sections removed from the column cannot be subsequently utilized as a portion of a pedestal. Nothing shown in the application referred to is herein claimed.

The present invention consists, partly, in a pedestal comprising a base and an independent column separated by grooves into a series of integral sections capable of being broken off at the grooves, each of which sections is adapted to be seated and securely held on the base, each section being also adapted to receive and have fastened upon it the bracket or third member of the pedestal. The column may be made of any desired length and the proper number of sections removed therefrom to afford a pedestal of the proper length for each particular case, the remainder being used for other pedestals, so that none of the column-sections need be wasted. The sections as shown in this instance are each provided with an external seat or support, and the bracket or co-operating member has a socket with an internal bearing to rest upon the seat on the terminal section of the column.

Figure 1 is a side elevation, partly in longi-

tudinal section, of a boiler pedestal or support embodying this invention, the column being elevated somewhat from the base; Fig. 2, a sectional view of a portion of the bracket on line *x x*, Fig. 1, looking upward; Fig. 3, an under side view of one of the column-sections ready to be attached to the base; and Fig. 4, a sectional view on line *y y*, Fig. 1, of the portion of the base that receives the upright or column upon it.

The base *a* is provided with a suitable seat or bearing for an upright or column *b*, the said seat being herein shown as consisting of inclined projections *c*, extending from a cylindrical neck *a'* of the said base. The column *b* is provided externally with a series of shallow grooves *d*, thus forming or outlining a series of attached sections, the said grooves serving to weaken the said column so that it may be readily broken at any one of them, thus enabling the removal of one or more of the sections from the column according to the height that it is desired the pedestal should have, the column being originally the maximum height usually required in practice. Each of the said sections is made tapering and constitutes a seat or support for the co-operating member *e*, which in this instance consists of a bracket adapted to receive the boiler directly upon it. The bracket or member *e* is provided with a foot or socket *f*, having a tapering internal bearing-surface to engage the endmost section of the column *b* or portion thereof that is used. In order to insure a better bearing between the column and the socket *f*, one or the other of the said members is provided with a series of projecting ribs *g*, they being shown in this instance as on the inside of the socket *f*, although they might be on the outside of each of the sections of the column.

In order to securely fasten the bracket or co-operating member *e* on the column, the sections of the latter are provided with locking projections *i* and the socket-piece with co-operating projections *m*, which in applying the socket will pass down the sides of the column between the projections *i*, after which, by a partial rotation of the socket on the column, they will be caused to engage or interlock with the under side of the said projections *i*, securely fastening the bracket on the column.

Each of the sections of the column is also adapted to be seated on and engage the neck a' of the base a , they being shown in this instance as having tapering internal bearing-surfaces, which engage and are supported upon the seat or bearing portions c of the said neck.

Each section of the column is tapering, and the large end of one section is connected with the smaller end or apex of the adjoining section by an intermediate portion n , the breaking grooves d being at the apex of each section. Thus when the column is broken the portion m forms an inwardly-projecting flange, the opening of which is sufficiently large to pass over the neck a' , and in order to enable it to be applied to the said neck notches may be broken or chipped out, as shown at n' , Fig. 3, to pass over the seat projections c , after which, by a partial rotation of the column, the unbroken portion of the said flange may be caused to engage the shoulder at the lower end of the said projections c .

The herein-described pedestal is composed of three members—namely, the base, the column or uprights, and the bracket—and the first and second of the said members and the second and third are adapted to be engaged or fastened together independently.

I claim—

1. A pedestal or support consisting of a base provided with a seat or bearing, a column or upright provided externally with shallow grooves, leaving a series of integral sections, each of which is shaped substantially as described and adapted to engage the seat of the said base, each section having an external seat for a bracket, and the bracket adapted to engage the uppermost of said sections, substantially as described.

2. The combination of the base and a bracket having an interlocking projection m , with an intermediate column or upright composed of a series of integral sections, the lat-

ter having interlocking projections i , the interlocking projection m extending under and embracing the projection i to prevent the bracket from being lifted from the column, substantially as described.

3. In a boiler pedestal or support, a one-piece or integral column provided externally with shallow grooves d to outline the integral column, with a series of integral sections, each having a locking projection on its exterior, substantially as described.

4. In a boiler-pedestal, the combination, with a base, as a , of a one-piece or integral column provided with grooves to outline detachable sections and an independent bracket detachable from the column, the column having at one end an external seat and at its other end an internal seat to co-operate with the said independent base and bracket, substantially as described.

5. In a boiler-pedestal, the base and neck a' , having radially-projecting inclined seats c , combined with the column provided with integral sections, each having an internal seat to co-operate with the inclined seats c , substantially as described.

6. A pedestal or support consisting of a base provided with a seat or bearing, a column or upright provided externally with shallow grooves, leaving a series of integral sections, each of which is shaped substantially as described and adapted to engage the seat of the said base, each section having an external seat for a bracket, and the bracket adapted to engage the uppermost of said sections, 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:

G. W. GREGORY,
JOS. P. LIVERMORE.