

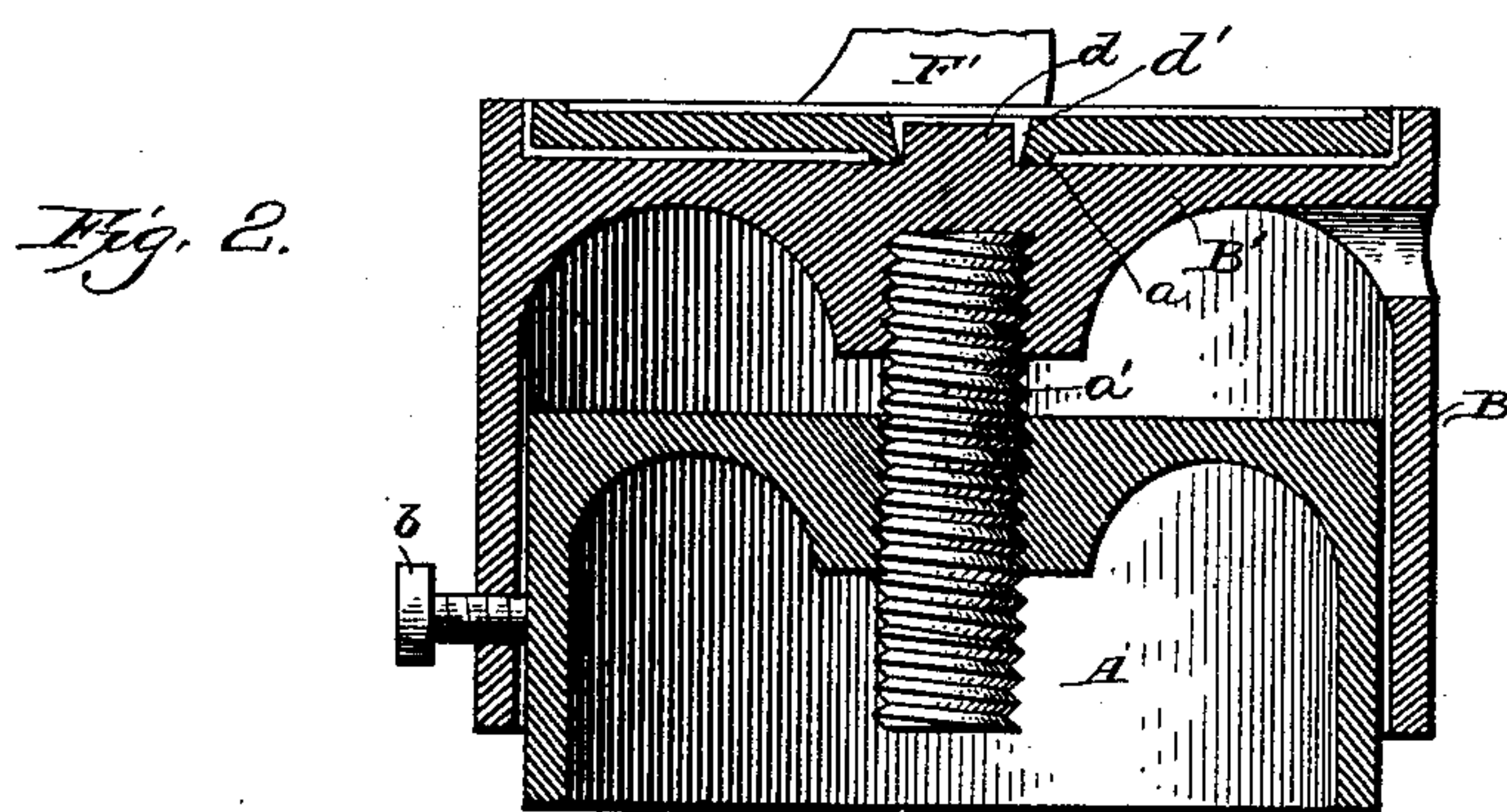
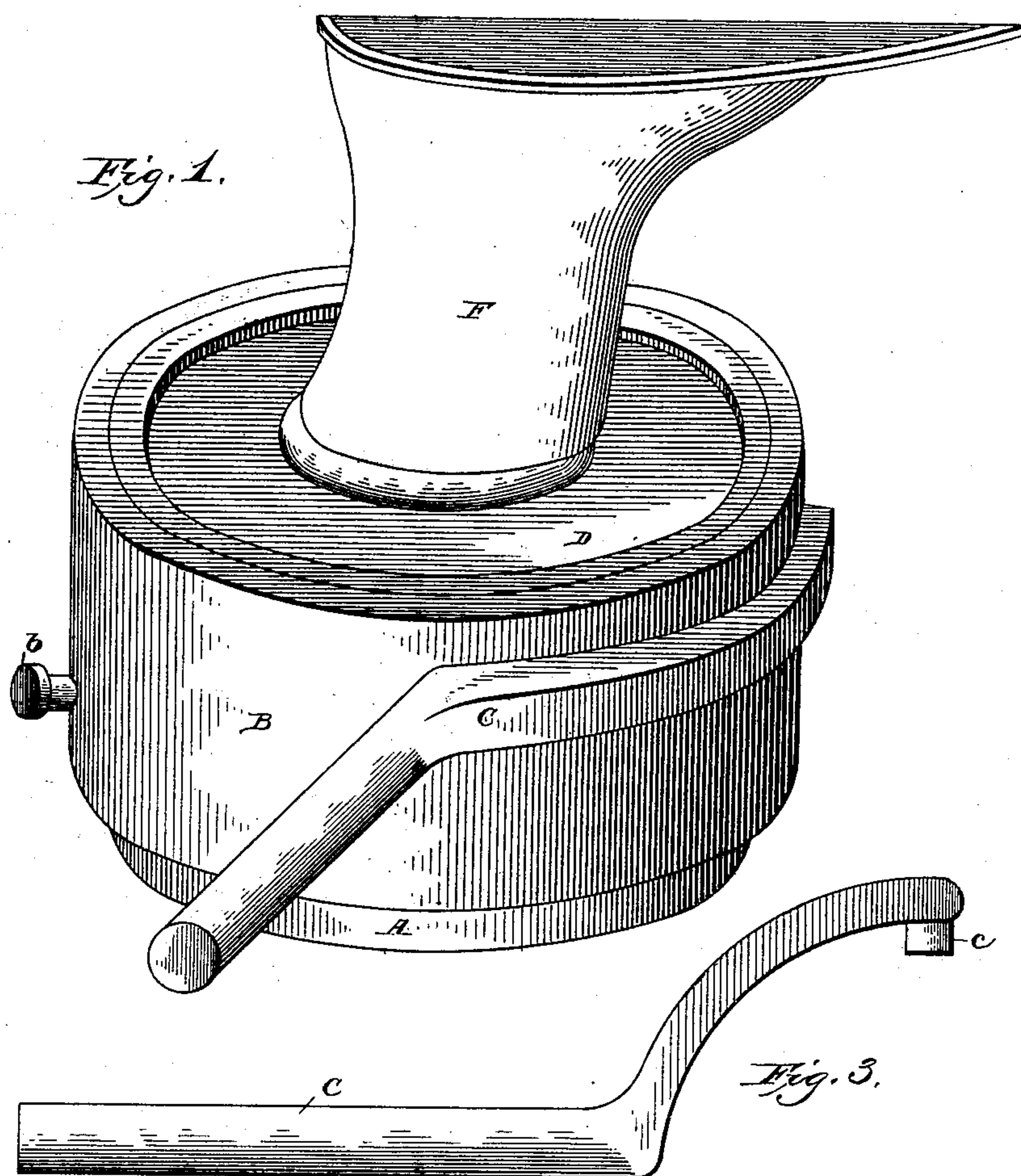
(No Model.)

F. SNYDER.

ELEVATING PLUMBING BASE.

No. 393,403.

Patented Nov. 27, 1888.



WITNESSES,
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UNITED STATES PATENT OFFICE.

FREDERICK SNYDER, OF LANCASTER, PENNSYLVANIA.

ELEVATING PLUMBING-BASE.

SPECIFICATION forming part of Letters Patent No. 393,403, dated November 27, 1888.

Application filed December 5, 1887. Serial No. 257,063. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK SNYDER, of Lancaster, in the county of Lancaster and State of Pennsylvania, have invented certain
5 new and useful Improvements in Elevating Plumbing-Bases; and I do hereby 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
10 make and use the same.

My invention relates to plumbing blocks of the kind in which an upper part is vertically adjusted by screw-threads with respect to a lower part on which it fits. Heretofore these
15 devices have not adequately provided for any other adjustment besides that in a vertical direction.

The object of my present improvement is to remedy this defect, and consequently lessen the
20 strain on the screw-threads. To effect this, I provide the vertically-adjustable upper part with an upwardly-extending journal-pin, and combine therewith a disk or platform having a downwardly-extending tubular boss, which
25 is sleeved loosely about said journal-pin and allows the disk or platform to rock, to allow the support or article mounted on said platform to maintain its top in a horizontal position, notwithstanding any slight inclination of
30 the parts A and B.

Figure 1 represents a perspective view of the base complete, showing the foot of a stove resting on the circular disk; Fig. 2, a longitudinal sectional elevation of Fig. 1, showing
35 the construction and adaptation of the several combined parts to each other; Fig. 3, a side elevation of the spanner-wrench, by which the central cylinder is rotated around the inverted cup-base.

In Fig. 2, A represents the inverted cup-base. In the center of its top is an opening, *a*, which is tapped to receive the threaded stud
40 *a'*. This stud is rigidly attached to the under side of the head B' of the inclosing cylinder B. Such being the case, it is obvious that if said
45 cylinder B is revolved to the right or left it will cause the stud *a'* to screw in or out of the base A at *a*, thus providing the central cylinder, B, with a vertical adjustment to any
50 desired position on the cup-base A. The cylinder B may be provided with a set-screw, *b*, to

lock said cylinder in position on the base A when once adjusted; also, with one or more openings, *b'*, to receive the end *c* of the spanner-wrench C, by which the cylinder B is re-
55 volved, which is only necessary for heavy objects. For light raising—such as stoves, &c.—it can be operated by hand with ease. On the upper side of the head B' of said cylinder B rests the disk D, which is provided with a
60 boss, *a*, around its central opening. This is the only portion of the disk D intended to come in contact with the head B', its outer edge being entirely clear of the head B', and its central opening fitting loosely to the jour-
65 nal-pin *d*, which is integral with the head B'. A rocking motion is thereby provided for the disk D, allowing it to adjust itself to any unevenness of the floor or the object resting on it, which in this case is the foot F of a stove.
70

Having thus described my invention, its operation is as follows, supposing the object to be raised and leveled a stove: I place one of the blocks, as shown in Fig. 1, under each of the feet. Then by means of the spanner-wrench
75 *c* raise or lower the central cylinder, B, by revolving the same to the right or left, this operation screwing or unscrewing the threaded stud *a'* from the base A, as set forth. The before-described rocking motion of the disk D
80 allows these several combined parts to automatically adjust themselves to any unevenness of the floor or the object resting on them, substantially as set forth.

I do not limit myself to the particular construction of the several combined parts as
85 shown, as my invention involves a radical departure in the construction and principle of operating elevating bases or plumbing-blocks, the invention consisting, broadly, of a base or
90 block provided with a vertical adjustment for height and an adjustment by which said base automatically adapts itself to any unevenness of the floor or the object resting upon it.

I am aware that it is not new to combine a
95 centrally-screw-threaded base with an upper part or platform inclosing the same and having a screw which engages with the central screw-threads of the base, the said screw being provided with a rounded enlargement, which
100 fits into a corresponding recess of said upper part or platform, and allows a certain amount

of rocking motion to the latter, and to anything supported thereon. This construction and combination I do not claim; but,

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

In combination with a fixed base, an upper part vertically adjustable thereon and provided on top with a central journal-pin, and a
10 disk having a central opening to receive said

journal and an annular boss surrounding it resting on said base and being free to rock, substantially as set forth.

In testimony whereof I have hereunto subscribed my name in the presence of two sub- 15
scribing witnesses.

FREDERICK SNYDER.

Witnesses:

A. F. SHENCK,

D. H. KULP.