

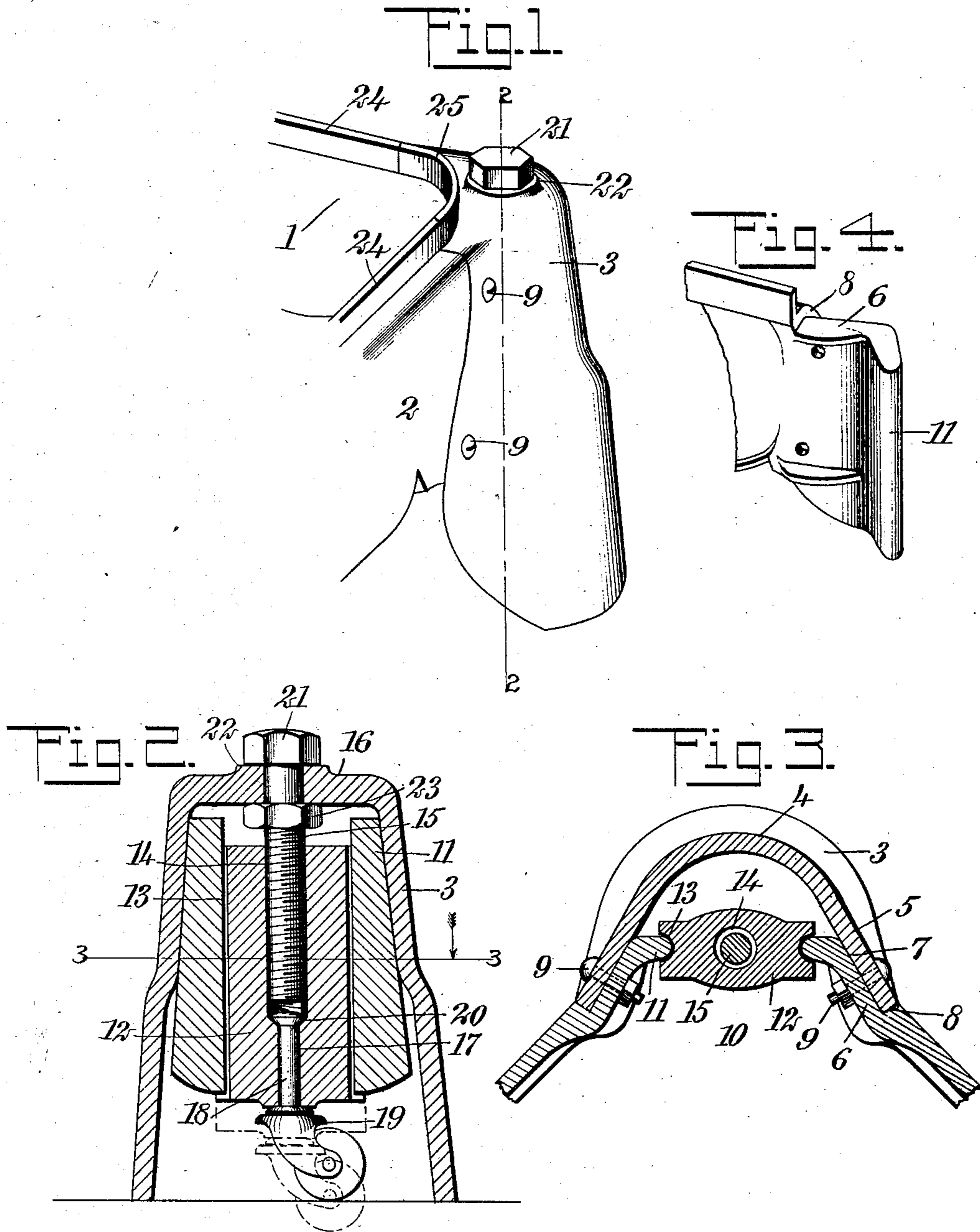
J. SHARON.

STOVE BASE.

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899,335.

Patented Sept. 22, 1908.



WITNESSES

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JAMES SHARON, OF CANASERAGA, NEW YORK.

STOVE-BASE.

No. 899,335.

Specification of Letters Patent.

Patented Sept. 22, 1908.

Application filed March 26, 1908. Serial No. 423,299.

To all whom it may concern:

Be it known that I, JAMES SHARON, a citizen of the United States, and a resident of Canaseraga, in the county of Allegany and State of New York, have invented a new and Improved Stove-Base, of which the following is a full, clear, and exact description.

This invention relates to stove bases.

The object of the invention is to provide means for mounting a stove base or a similar object upon casters, the arrangement being such that the casters are normally in a withdrawn or inoperative position, at which time the weight of the stove base rests upon the legs. When desired, however, the casters may be brought into an operative position so that the stove may be moved conveniently.

While the invention is especially useful when applied to stove bases, it is useful in mounting any heavy objects which are to be moved at some time.

The invention consists in the construction and combination of parts, to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective showing a corner of a stove base constructed according to my invention; Fig. 2 is a vertical section taken at this corner on the line 2—2 of Fig. 1; Fig. 3 is a horizontal cross section through a corner of the base and taken on the line 3—3 of Fig. 2, and Fig. 4 is a perspective of one of the ends of the side wall of the stove base.

Referring more particularly to the parts, 1 and 2 represent two adjacent side walls or sides of the stove base. At the four corners where the sides of the base are connected together I provide corner posts similar to the corner post 3, so that a rectangular or square base is formed upon which the stove body is supported. The form of the corner post 3 is clearly illustrated in Figs. 2 and 3. It extends downwardly below the lower edges of the sides 1 and 2, so as to constitute a leg which will support the stove base. The stove leg or post 3 has the form of a shell, as indicated in Fig. 3, its middle portion as viewed in cross section being curbed, as indicated at 4. This curb is extended tangentially at the sides to form straight wings 5. These wings are disposed at a wide angle to

each other, somewhat less than a right angle, as shown. The ends of the sides 1 and 2 are offset inwardly so as to present flanges 6, and at each flange 6 a rudimentary socket is formed on the outer side. By reason of the fact that the flanges 6 are offset inwardly a shoulder or jog 8 is formed at the root of each flange 6, against which the edges of the wings 5 abut as indicated. The corner posts or legs 3 are securely attached to the flanges 6 by means of removable stove bolts 9, as shown. On account of the shell-like form of the corner posts 3, in each post a chamber 10 or guide space is formed.

The ends of the flanges 6 are formed with vertically-disposed tongues or guides 11, which project into this chamber or guide space 10, as shown. Between these guide tongues 11 in each leg there is mounted a movable caster block or slide 12, the opposite edges whereof are formed with channels or grooves 13, to receive the guide tongues, as indicated. Each of these blocks 12 has a threaded bore 14 which receives an adjusting screw 15 which extends downwardly through the top wall 16 of the post which is integral with the shell thereof. Communicating with the bore 14 there is a bore 17 of reduced diameter, extending upwardly from the lower end of the block, and in this bore 17 there is mounted the shank or pintle 18 of a caster 19.

In connecting the parts, the shank 18 is introduced from below and then a rivet head 20 is formed at its upper end where it projects into the enlarged bore 14, and in this way the caster is permanently secured to the block, but is swiveled therein, as will be readily understood.

The adjusting screw or bolt 15 is formed with a bolt head 21, which seats on a suitable boss 22 formed on the top wall 16 of a corner post. The adjusting bolt is provided with a collar in the form of a check nut 23 which seats against the under side of the upper wall of a leg or post, as shown. In practice, this nut is jammed on the thread at this point so that it will permit free rotation of the adjusting bolt, but will not permit the adjusting bolt to slide upwardly through the top wall of the leg.

The form of the ends of the sides of the stove base is very clearly illustrated in Fig. 4. The sides are provided with upwardly projecting flanges 24, which match with similar curb flanges 25 on the upper ends of the posts. These flanges match together, as indicated,

so as to form a complete rectangular flange extending continuously around the upper part of the stove base. Over this flange the body of the stove seats, as will be readily understood.

With a stove base constructed as described, the parts can be quickly assembled, the caster blocks being arranged in the corner posts during the assembling of the parts.

Especial attention is called to the fact that the blocks 12 are not guided on the corner posts but on the ends of the sides of the stove base. This arrangement much simplifies the construction at this point and facilitates the assembling of the parts.

Especial attention is called to the fact that the head 21 of the adjusting screw or bolt 15 is exposed and this enables a wrench to be very conveniently applied for adjusting the casters.

In Fig. 2, the dotted lines show the caster in a depressed position, so that the stove base will be raised above the floor, enabling it to be readily moved.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A member having a projecting leg, an adjusting screw having an exposed head on the upper side of said leg and extending downwardly into the interior of said leg, a non-rotatable slide block engaged by said adjusting screw and adapted to be raised or lowered when said screw is turned, and a caster swiveled in the lower end of said block, said adjusting screw having a collar for imparting a thrust to the said leg.

2. A device having a projecting leg with substantially vertical guide tongues, a block sliding between said guide tongues, an adjusting screw having an exposed head seated on the upper side of said leg, the body whereof extends downwardly into said block, said screw affording means for raising or lowering said block, and a caster swiveled in the lower end of said block.

3. A stove base having sides, and corner posts connecting the same, caster blocks guided on said sides, adjusting means for raising or lowering said caster blocks, and casters carried by said blocks and adapted to support said stove base above the floor.

4. A stove base having sides, and corner

posts connected to said sides, said sides having guide tongues projecting toward the interior of said corner posts, blocks slidably mounted on said guide tongues, and adjusting screws carried respectively by said corner posts and extending downwardly into the interior thereof, said adjusting screws engaging said blocks for adjusting the same downwardly or upwardly, and casters carried by said caster blocks, adapted to support the stove base above the floor.

5. A member having a hollow leg with longitudinal guide ribs therein, a block having grooves receiving said ribs and sliding vertically in said leg, said block having a vertical bore passing completely therethrough, an adjusting screw mounted in the upper end of said bore and in the upper end of said leg, and having a head exposed for turning the same, and a caster swiveled in the lower end of said bore.

6. A member having a projecting leg, a block guided to slide in said leg and non-rotatable therein, said block having a threaded bore in the upper part thereof, an adjusting screw engaging said threaded bore and having an exposed head for operating the same, and a caster having a pintle mounted in the lower end of said block and projecting up into said threaded bore, said pintle having means lying in the lower portion of said bore for holding said caster against withdrawal.

7. A member adapted to be supported upon a caster and having a leg presenting a chamber, a block guided in a vertical direction in said chamber and having a bore in the lower extremity thereof, said block having a threaded bore in communication with said first bore and extending to the upper end of said block, an adjusting screw mounted in said leg and received in said threaded bore for adjusting said block, and a caster having a pintle mounted in said first-named bore and having a riveted head in the lower part of said threaded bore.

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

JAMES SHARON.

Witnesses:

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