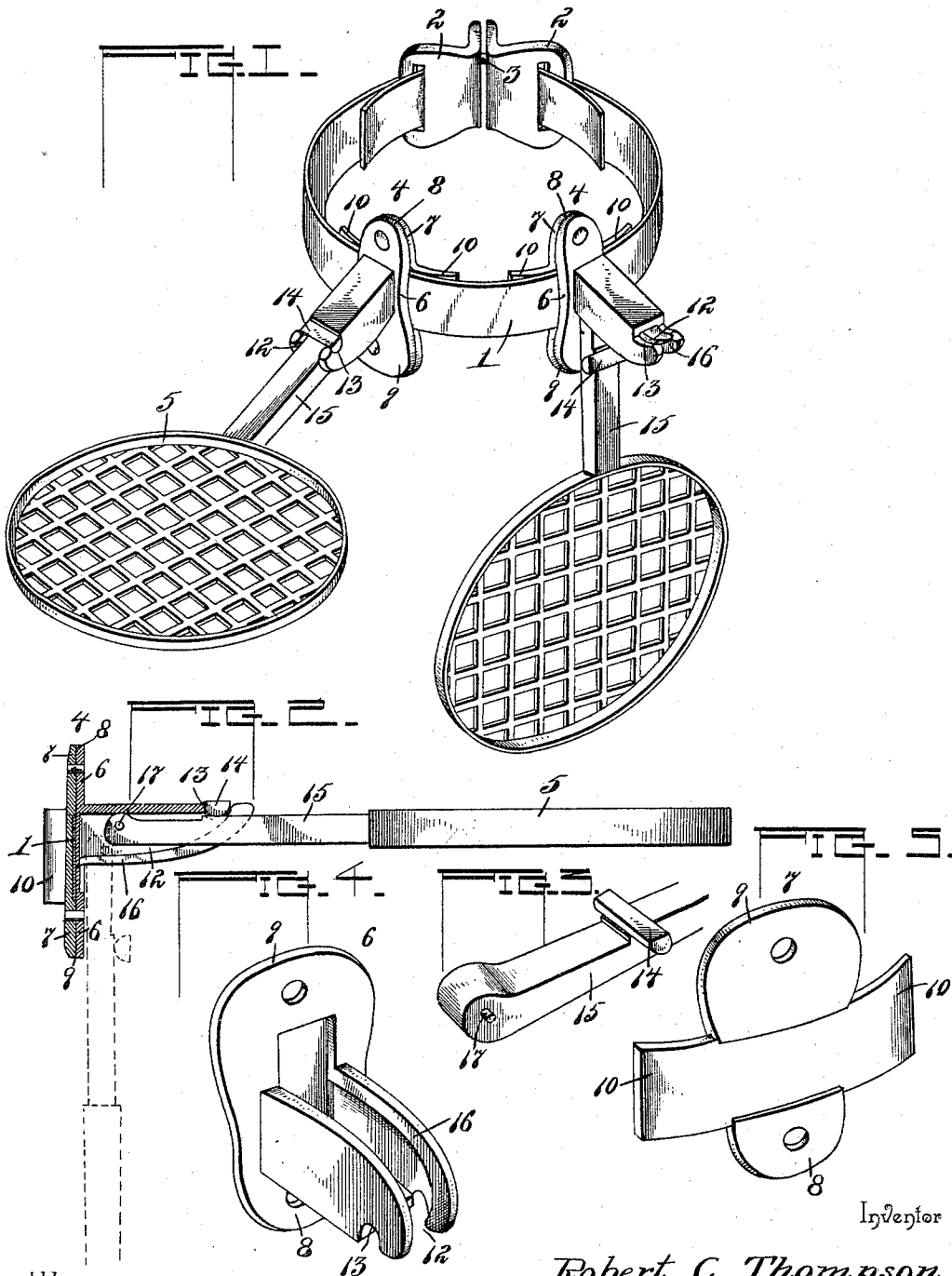


(No Model.)

R. C. THOMPSON.
STOVEPIPE SHELF.

No. 585,453.

Patented June 29, 1897.



Witnesses

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UNITED STATES PATENT OFFICE.

ROBERT C. THOMPSON, OF SOUTH NORWALK, CONNECTICUT.

STOVEPIPE-SHELF.

SPECIFICATION forming part of Letters Patent No. 585,453, dated June 29, 1897.

Application filed July 20, 1896. Serial No. 599,939. (No model.)

To all whom it may concern:

Be it known that I, ROBERT C. THOMPSON, a citizen of the United States, residing at South Norwalk, in the county of Fairfield and State of Connecticut, have invented a new and useful Stovepipe-Shelf, of which the following is a specification.

The invention relates to improvements in stovepipe-shelves.

10 The object of the present invention is to improve the construction of stovepipe-shelves and to enable the supports or shelves to be readily adjusted to the desired point around the stovepipe, to be folded or swung down-
15 ward from a horizontal to a vertical position when not in use, and to be entirely removed from the stovepipe to enable them to be employed as a sad-iron support or for supporting warm dishes or other receptacles.

20 The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

25 In the drawings, Figure 1 is a perspective view of a stovepipe-shelf constructed in accordance with this invention, one of the shelves being arranged horizontally in operative position and another vertically to fold it
30 out of the way. Fig. 2 is a sectional view taken longitudinally of one of the shelves, showing the same arranged horizontally in full lines and vertically in dotted lines. Fig. 3 is a detail perspective view of the shank of
35 a shelf. Fig. 4 is a similar view of the outer section of one of the adjustable brackets, the same being inverted to show the open bottom of the socket which receives the shank of the shelf. Fig. 5 is a detail perspective view of
40 the inner section or plate of the adjustable bracket.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

45 1 designates a band, constructed of thin flexible sheet metal, designed to encircle and clamp a stovepipe and adapted to be varied in diameter to accommodate itself to pipes of different sizes. The terminals of the band
50 are connected by angle-plates 2, which are provided with inner slightly-curved arms, conforming generally to the configuration of

the stovepipe and provided with slots, through which the ends of the band are passed, and the terminals of the band, after being passed 55 through the slots of the angle-plates, are bent back on the inner face of the band and are interposed between the same and the stovepipe when the device is applied thereto. The outwardly-extending arms of the angle-plates 60 are perforated for the reception of a bolt 3, which enables the plates to be drawn together for causing the band to clamp a stovepipe firmly. When it is desired to vary the di-
65 ameter of the band, the end portions, which are passed through the slots of the angle-plates, may be increased or diminished.

The band has mounted on it adjustable brackets 4, with which shelves 5 are detachably interlocked. Each bracket consists of 70 an outer section 6 and an inner section 7. The outer section is preferably constructed of cast metal and the inner section of malleable metal, and both sections are provided with ears 8 and 9, extending above and below 75 the band and connected by rivets or other suitable fastening devices. The band passes between the inner and outer sections of the brackets, and the inner section 7, which is slightly curved to conform to the configura-
80 tion of the stovepipe, is provided with horizontal arms or extensions 10.

The outer section of each bracket is provided with a horizontally-disposed socket 12, open at the bottom and outer end and com-
85 posed of a top portion and similar parallel sides extending beyond the top and provided at their upper edges with recesses 13, adapted to be engaged by oppositely-disposed lugs 14 of a shank 15 of the shelf 5. The lugs 14 90 project laterally from the shank 15 and are located between the end of the shank and the shelf 5, and when the lugs are in engagement with the recesses 13 the end of the shank is located between the sides of the socket and 95 engages the lower face of the top thereof. The sides of the socket have lower curved edges and are provided at their inner faces adjacent to such curved edges with ribs 16, forming shoulders adapted to be engaged by 100 projections 17 of the shank 15, whereby the shelf is supported when swung downward from a horizontal to a vertical position, as illustrated in Figs. 1 and 2 of the accompa-

nying drawings. The ribs 16 coöperate with the top of the socket to form longitudinal grooves, which extend beyond the top to form entrances at the recesses 13 to enable the projections 17 of the shank to be introduced into and removed from the socket.

The shelf may be entirely removed from the socket, as the front portions of the ribs extend in advance of the top of the socket, providing open spaces to permit the removal and introduction of the projections 17, which extend laterally from the end of the shank. The shelves, when removed, are adapted to be employed as sad-iron rests or as supports for warm dishes and other receptacles. The brackets are adapted to slide on the band and may be moved around the stovepipe to bring the shelves at any desired point.

It will be seen that the device is exceedingly simple and inexpensive in construction, that it is adapted to be readily applied to a stovepipe, and that, as the band is thin, it may be readily introduced between a stovepipe and the wall when the former is arranged almost in contact with the latter.

It will also be apparent that the brackets may be moved around the band to bring the shelves to the desired point on the stovepipe, and that the shelves may be arranged horizontally or vertically and can also be entirely removed from the brackets to enable them to form supports or recesses for sad-irons, dishes, and other receptacles.

What I claim is—

1. In a device of the class described, the

combination of a band adapted to encircle and clamp a stovepipe, and a bracket comprising inner and outer sections located at the inner and outer faces of the band, provided with ears extending above and below the band and connected together, the inner section being provided with laterally-disposed slightly-curved arms, and the outer section having a socket, and a shelf provided with a shank interlocked with the socket, substantially as described.

2. The combination of a band, a bracket carried by the same and provided with an outwardly-extending socket comprising a horizontal top, vertical sides depending from the top, extending beyond the same and provided at the upper edges of their extended portions with recesses, and longitudinal ribs arranged at the inner faces of the sides, coöperating with the top of the socket to form grooves and extended beyond the top to provide entrances to the grooves, and a shank fitting in the socket, provided at a point between its ends with lugs to engage said recesses and having projections at its inner end fitting in said grooves, substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ROBERT C. THOMPSON.

Witnesses:

FRANKLYN Y. BROWN,
SHERMAN R. HAMLIN.