

(No Model.)

W. H. MURDOCK & F. WEIGEL.
STOVEPIPE SHELF.

No. 535,767.

Patented Mar. 12, 1895.

Fig. 1.

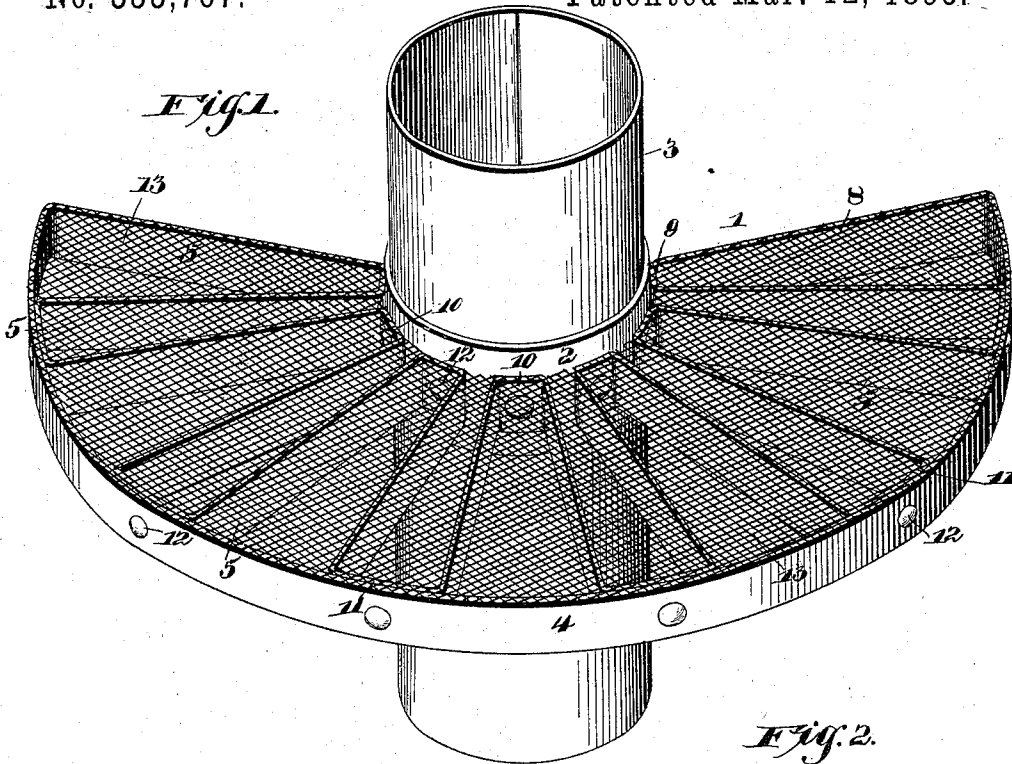
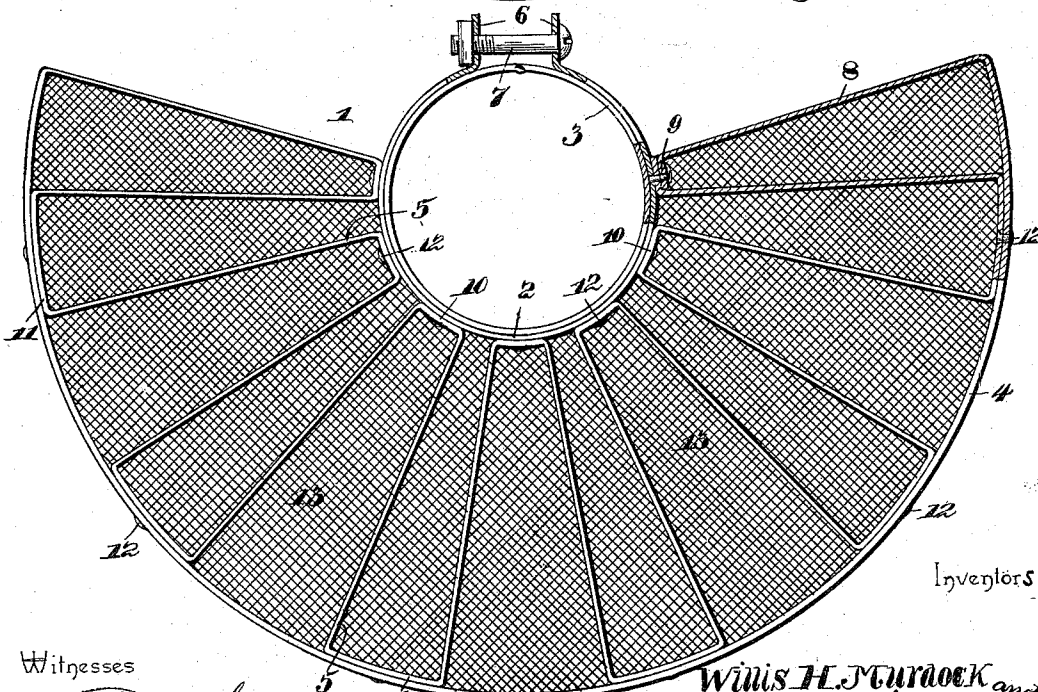


Fig. 2.



Inventors

Witnesses

Wm. H. Doyle.
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By their Attorneys.

Wm. H. Murdock and
Frank Weigel.

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

WILLIS H. MURDOCK AND FRANK WEIGEL, OF LE ROY, NEW YORK.

STOVEPIPE-SHELF.

SPECIFICATION forming part of Letters Patent No. 535,767, dated March 12, 1895.

Application filed March 27, 1894. Serial No. 505,317. (No model.)

To all whom it may concern:

Be it known that we, WILLIS H. MURDOCK and FRANK WEIGEL, citizens of the United States, residing at Le Roy, in the county of Genesee and State of New York, have invented a new and useful Stovepipe-Shelf, of which the following is a specification.

The invention relates to improvements in stove-pipe shelves.

10 The object of the present invention is to improve the construction of stove-pipe shelves, to increase their strength and durability and to provide a simple and inexpensive one which may be readily adjusted to the desired elevation on a stove pipe, and adapted for holding
15 dishes and the like desired to be kept warm by the heat arising from a stove.

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

In the drawings: Figure 1 is a perspective view of a stove-pipe shelf constructed in accordance with this invention. Fig. 2 is a reverse plan view of the same, partly in section.

Similar numerals of reference indicate corresponding parts in both figures of the drawings.

30 1 designates a stove-pipe shelf, comprising an inner circular collar 2, adapted to embrace a stove-pipe 3, an outer concentric rim 4 and a series of radial braces 5, arranged at intervals and formed integral with the outer curved
35 rim 4. The ends of the collar 2 are bent outward at 6 and are perforated to receive a clamping-bolt 7, which is provided with a nut adapted to be screwed against one of the flanges, or outturned ends 6, to cause the collar 2 to clamp the stove pipe with the desired
40 degree of force.

The stove shelf is segmental; and the rim 4 and the braces 5, which are horizontally disposed and arranged edgewise, are constructed
45 of a single strip of ribbon metal, which is first bent to form the end brace 8, and a securing flange 9, at the inner end thereof. It is then curved to form the outer rim 4 and is then ex-

tended back and forth between the collar and the rim to form the radial braces 5, and is extended on the collar and the inner face of the rim to provide the alternately-arranged connecting portions 10 and 11, which are respectively secured by rivets, or other fastening devices 12, to the collar and the rim. This construction provides a strong and durable shelf, and at the same time affords a simple and economic construction, which may be readily manufactured without necessitating the employment of skilled mechanics.

The shelf may be provided with a wire or foraminous covering or sheet 13, arranged on the upper edges of the braces and the rim, and suitably secured to the same, but the sheet of wire gauze or foraminous material may be dispensed with if desired.

It will be seen that the stove-pipe shelf is exceedingly simple and inexpensive in construction, that it possesses great strength and durability and may be readily adjusted to the desired elevation on the stove pipe for the purpose of keeping articles warm by means of the heat which arises from the stove.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

What we claim is—

A stove-pipe shelf comprising a securing collar, an outer curved rim, radial braces arranged at intervals and extending from the collar to the rim, and alternately-arranged portions secured to the collar and the rim and connecting the braces, said rim, braces and connecting portions consisting of a single strip of metal bent to form the same, substantially as and for the purpose set forth.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

WILLIS H. MURDOCK.

FRANK WEIGEL.

Witnesses:

JAMES KARSLAKE,

J. C. BISSELL.