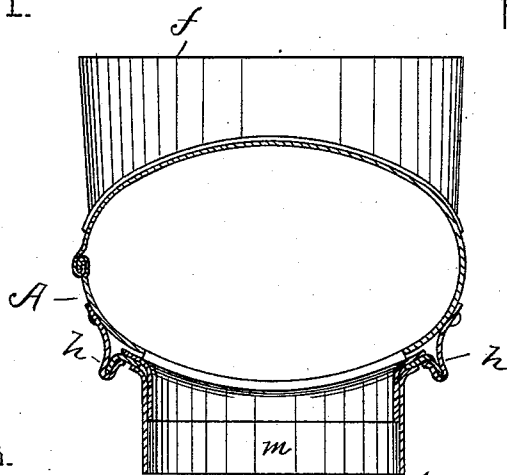
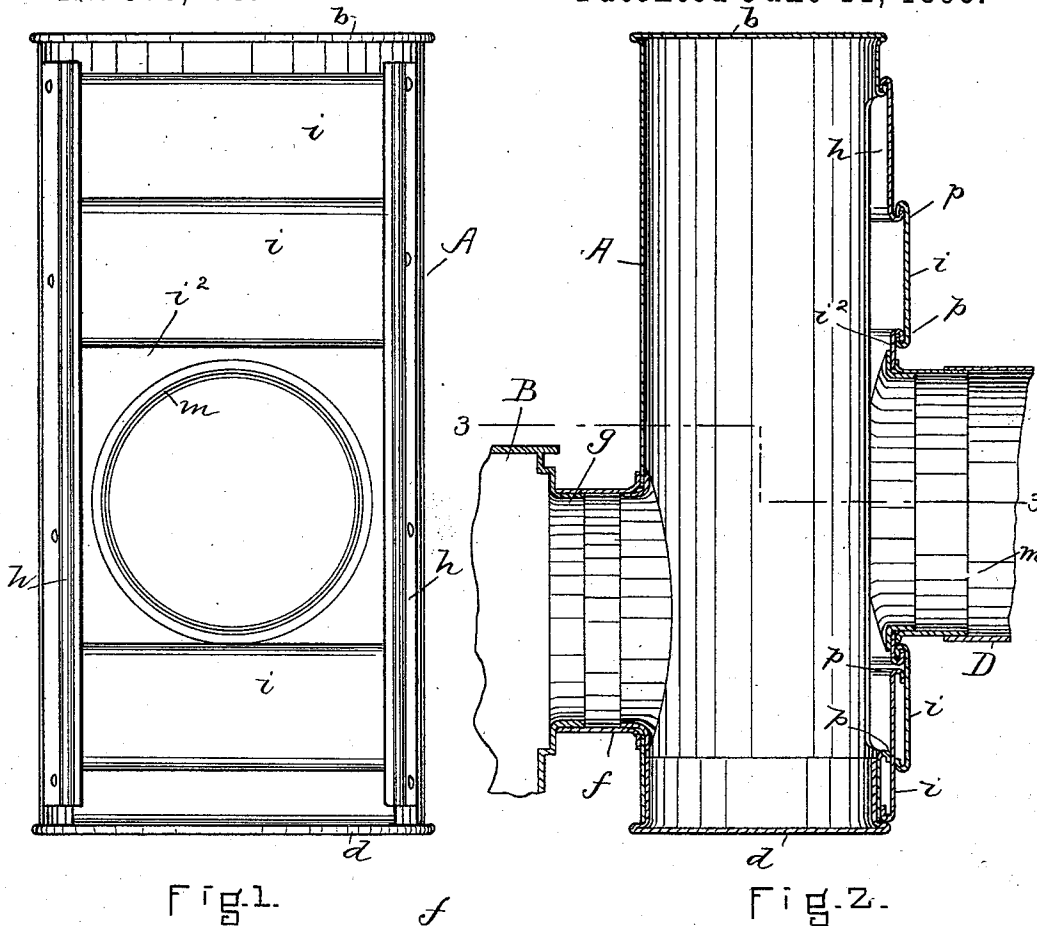


(No Model.)

J. C. PITTEE.
ADJUSTABLE FUNNEL FOR STOVES.

No. 540,873.

Patented June 11, 1895.



WITNESSES.

Matthew M. Blunt.
H. Surfel

INVENTOR.

Fig. 3.

Joseph C. Pittee
By C. A. Shawlee
ATTY.

UNITED STATES PATENT OFFICE.

JOSEPH C. PITTEE, OF CHELSEA, MASSACHUSETTS, ASSIGNOR OF ONE-HALF
TO ALFRED G. FULLER, OF SAME PLACE.

ADJUSTABLE FUNNEL FOR STOVES.

SPECIFICATION forming part of Letters Patent No. 540,873, dated June 11, 1895.

Application filed January 5, 1895. Serial No. 533,978. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH C. PITTEE, of Chelsea, in the county of Suffolk, State of Massachusetts, have invented certain new and useful Improvements in Adjustable Funnels for Stoves, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side elevation of my improved funnel; Fig. 2, a vertical transverse section of the same, and Fig. 3 an end elevation.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates especially to an adjustable funnel for stoves whereby the objections incident to employing elbows of different sizes to enter the funnel openings in the chimneys, which vary very appreciably in their distance from the floor, is obviated.

The nature and operation of the improvement will be readily understood by all conversant with such matters from the following explanation.

In the drawings, A represents the vertical drum which is ordinarily employed on stoves of this class. The lower end of the drum is closed by a cap, *b*. The upper end of the drum is closed by a removable cap, *d*. In one face the drum has a branch, *f*, to take on the funnel-nipple, *g*, of the stove, B.

The rear wall of the funnel proper or drum, A, is provided with runs or ways, *h*, in which a series of leaves, *i*, are fitted to slide. One central leaf, *i*², is provided with a funnel nipple, *m*. These leaves have lap joints, *p*, and slide on each other being guided by their ends which are turned into the ways, *h*. This nip-

ple, *m*, may be secured in the leaf, *i*², by any suitable means. As thus arranged the plates may telescope so that a nipple, *m*, may be adjusted until it will register with the funnel opening in a chimney so that a straight pipe, D, may be employed in connecting the drum with said funnel opening. A variation of at least three feet which is double that ordinarily required can thus be obtained. When used with a range where the funnel nipple, *g*, is on top the opening, *f*, is closed by the cap, *d*, and the end of the drum thus left open by the removal of said cap is applied to said nipple.

By hooking or lapping the joints between at, *p*, alternate leaves are in the same vertical plane thus requiring only one set of ways, *h*. Moreover the joints are thus rendered substantially smoke-proof and will not leak. This is a salient feature of my invention as much less space is required to effect the result desired than in ordinary devices of this character and the necessity of using castings is avoided.

Having thus explained my invention, what I claim is—

The drum provided with the detachable cap; the vertical ways, *h*, in a wall of said drum; the leaves, *i*, having their ends turned into said ways, the horizontal edges of alternate leaves being turned inward and overlapping the corresponding edges of the next adjacent leaf turned outward and forming lap-joints, *p*, in such manner that all the leaves of the series may slide vertically in two planes only; and the nipple, *m*, in one of said leaves, all being combined and arranged to operate substantially as specified.

JOSEPH C. PITTEE.

Witnesses:

K. DUFFEE,
O. M. SHAW.