

H. J. NOYES & S. C. TALCOTT.  
 PORTABLE APPARATUS FOR CURING MEATS AND FOR OTHER PURPOSES.  
 No. 104,632. Patented June 21, 1870.

Fig. 1.

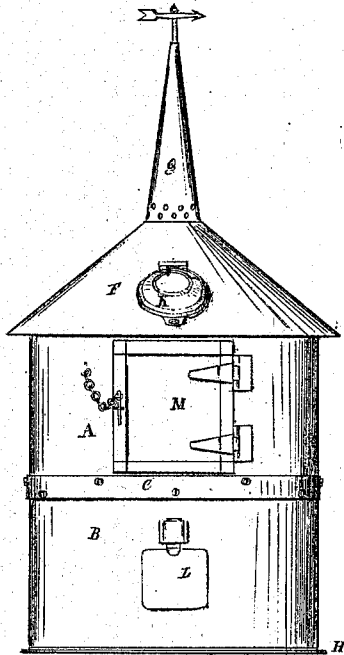


Fig. 2.

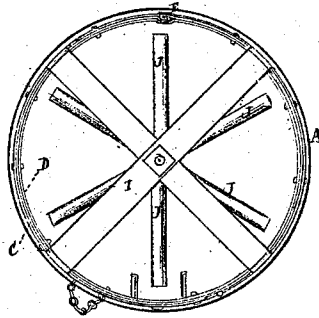


Fig. 3.

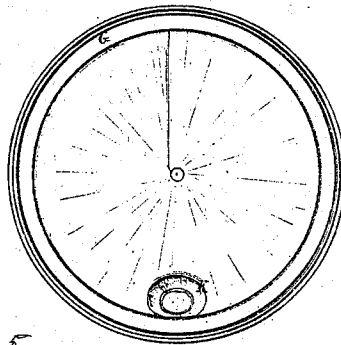


Fig. 4.

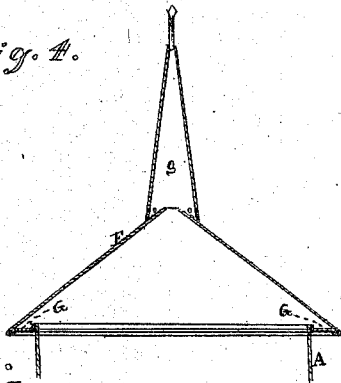
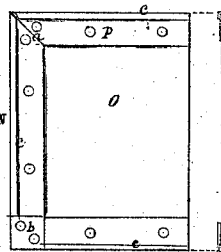


Fig. 5.



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Witnesses.

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# United States Patent Office.

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Letters Patent No. 104,632, dated June 21, 1870.

## IMPROVED PORTABLE APPARATUS FOR CURING MEATS, AND FOR OTHER PURPOSES

The Schedule referred to in these Letters Patent and making part of the same

Be it known that we, HORATIO J. NOYES and SAMUEL C. TALCOTT, of Ashtabula, in the county of Ashtabula and State of Ohio, have invented certain new and useful Improvements in a Portable Apparatus for Curing Meats and other uses, of which the following is a description.

Figure 1 is a side view of the apparatus.

Figure 2, a top-view of the inside.

Figure 3, an inside view of the cover or top.

Figure 4, a vertical transverse section of the same.

Figure 5, a detached section.

Like letters of reference refer to like parts in the different views.

This invention relates to a portable apparatus wherein meat is cured by smoking, and also in which ashes may be stored for safe keeping, the same being constructed in sections, so that it can be easily taken apart and packed up for transportation.

It also relates to the manner of constructing the door, as hereinafter more fully set forth.

In fig. 1.—

A B represent the upper and lower sections of the body of the apparatus, the same being constructed of iron, and of a circular form, as shown in fig. 2.

The two sections are abutted to each other and secured thus by an outside band, C. A corresponding band, D, fig. 2, is placed over the joint on the inside, and the two, with the sections between them, are bolted together, as shown in fig. 1.

The vertical joints of the sections are made by an ordinary single lock-joint, E, fig. 2, and further secured by bolts in like manner as the joint connecting the two sections.

F, the top of the apparatus, is secured thereto by an inwardly-projecting annular flange, G, fig. 3, secured to the inside of the rim of the top. The diameter of said annular flange is such that, on placing the top on the edge of the section A, it will fit on over it, allowing the rim of the top to project as eaves over the body of the apparatus, as shown in fig. 1.

The bottom H of the apparatus is furnished with an annular flange projecting upwardly on the inside thereof, which admits of its being easily removed.

The apparatus, thus constructed and put together, is shown in fig. 1, and which may be used either for smoking meat or for the reception and preservation of ashes, as an ash-house.

In the event it is used for smoking meat, &c., the cross I, fig. 2, is secured to the top of the apparatus, the ends thereof hanging upon the edge of the section A, as shown, the top being removed in order that it may be placed within or hung upon the edge of the upper section.

To the center of the under side of the cross are pivoted the radial arms J, on which are hung the articles for smoking, as hereinafter described.

The practical use of this apparatus is as follows:

When required only for the storage of ashes, and not in large quantities, the upper section A need not be used, the top being fitted on the lower section, thereby making a neat and safe ash-house, which may be placed in any convenient place. The ashes are thrown in through the door K, and removed, when needed, through L.

The capacity of this small house may be increased by the addition of the upper section A, which, in this changed condition, is converted into a smoke-house.

The revolving radial arms J being introduced as above described, on said arms the meats are hung, access being had to them for that purpose by means of the door M. The series of arms are turned, bringing each one in succession within reach from the door, so that no trouble is experienced in arranging the meats for curing or smoking.

The door N, fig. 5, referred to, is constructed of a sheet of metal, forming the panel O. The margin of said panel is riveted to a frame, P, the corners of which are mitered, as shown at a. Over said miter-joint is riveted a square piece, b, thereby making a strong and durable joint.

The sheet forming the panel of the door is made somewhat larger than the size of the frame. The projecting edges of the panel are then turned over upon the edge of the frame, as shown at c, thereby not only adding to the strength of the door, but also making it neat in appearance.

For transportation this apparatus is taken apart thus: The two sections, A B, are detached one from the other, each of which is then rolled up into a small roll, and placed in the top F. The chimney or ventilator g is also detached and placed therein. The bottom H is then fitted to the top, thereby inclosing the rolled-up sides and hoops C D within the top and bottom of the apparatus. The cross I and radial arms J are then bound to the outside of the bottom H. In this way the whole structure is reduced to a very small compass, and which can be handled for shipment with but little labor.

It will be obvious that this structure can be unpacked and put up with but little labor, and by any one of ordinary mechanical skill, and, furthermore, it being constructed of sheet-iron, it is perfectly safe from taking fire, and, therefore, may be placed in or near the dwelling.

The annular flange G above referred to is attached to the top by folding the edge of the top under and over onto the rim or outer edge of the flange, making a lock or lap joint. The inner edge of the flange is turned upwardly for the purpose of increasing its strength. This flange not only serves to secure the top to the sections, as above said, but it also greatly adds to the strength of the top.

*Claims.*

What we claim as our improvement, and desire to secure by Letters Patent, is—

1. The herein-described apparatus, consisting of sections A B, bands or hoops O D, detachable bottom H, and top F, cross I, and revolving radial arms J, all constructed, arranged, and combined substantially in the manner as described and for the purpose set forth.

2. The door N, when constructed of a panel O,

frame P, and corner-piece b, substantially in the manner as described and for the purpose set forth.

3. The annular flange C, in combination with the top F and sections A B, or either of them, as and for the purpose substantially as set forth.

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