I. N. DEARDORFF.

Improvement in Stove for Smoke-Houses.

No. 132,143. Patented Oct. 15, 1872.

Fig. 1.

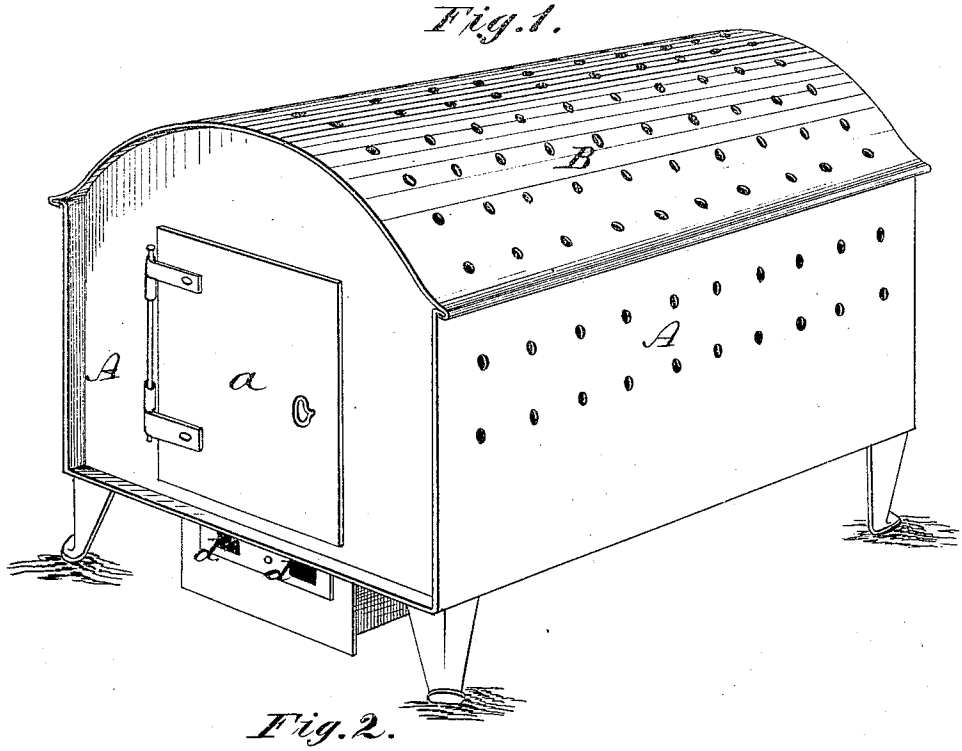
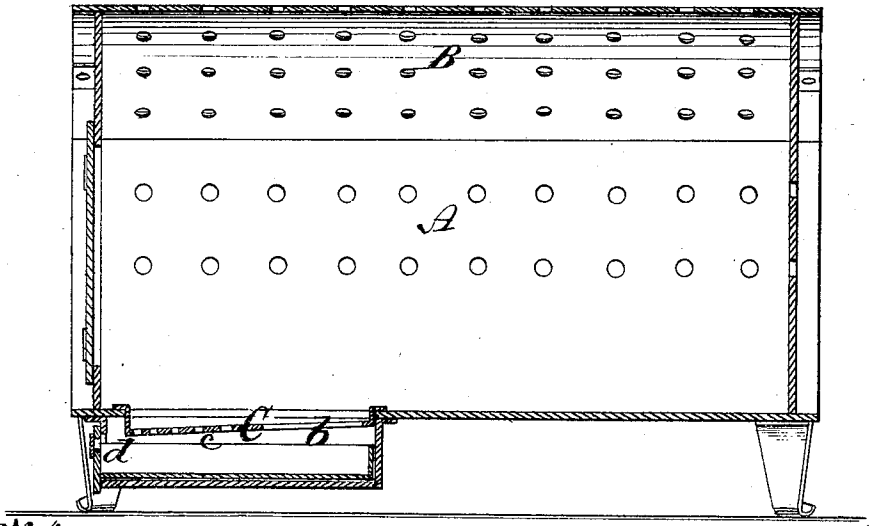


Fig. 2.



Witnesses.

Wilkes Wolfe.

J. W. Newburgh.

Inventor:

Isaac N. Deardorff.

AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

ISAAC N. DEARDORFF, OF CANAL DOVER, OHIO.

IMPROVEMENT IN STOVES FOR SMOKE-HOUSES.

Specification forming part of Letters Patent No. **132,143**, dated October 15, 1872.

To all whom it may concern:

Be it known that I, ISAAC N. DEARDORFF, of Canal Dover, in the county of Tuscarawas and State of Ohio, have invented a new and useful Stove or Furnace for Smoking Meats; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing making part of this specification—

Figure 1 being a view of the stove in perspective; and Fig. 2, a longitudinal vertical section of the same.

Like letters designate corresponding parts in both figures.

The nature of my invention consists in a stove or furnace in which to generate smoke by burning twigs or other suitable fuel for smoking meats, the said stove being of peculiar construction for the purpose; the main objects being to increase the volume of smoke and to regulate its production, and to insure perfect safety against fire, substantially as hereinafter set forth.

The body A of the stove, of any required size and suitable form, has a perforated top, B, as represented, through which issues the smoke generated inside by imperfect combustion. There may be also some perforations in the sides, as shown. In one end of the stove is a door, *a*, for admitting the fuel, which is placed on a grate, C, concave, or dishing, or sunk in the middle or front end, with sides raised a few inches, as indicated in Fig. 2, in order to keep the fuel sufficiently compacted. The rear part *b*, as shown, has grate-like openings, while the front part *c* is simply perforated. Under the grate is the ash-pan D; and draft-apertures *d d* through the front of the stove, regulated by a slide or damper, admit air to regulate the draft, so as to produce the degree of combustion required to effect the purpose.

The stove is made of sheet-iron or cast-iron.

What I claim as my invention, and desire to secure by Letters Patent, is—

A smoke producing and distributing stove for curing meats, provided with the perforated top or cover B, and the grate C, constructed and arranged substantially as herein specified.

ISAAC N. DEARDORFF.

Witnesses:

PHILIPP MOHR,

J. W. NEWBURGH.