O. J. SMITH.

Broiler.

No. 131,910. Patented Oct. 1, 1872.

Fig. 1.

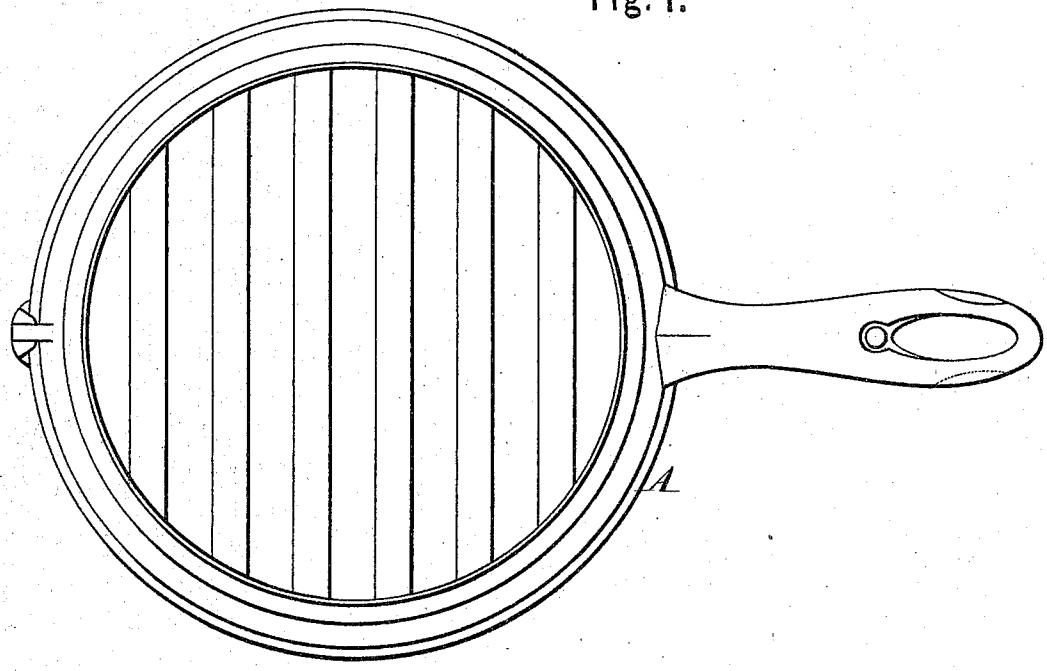
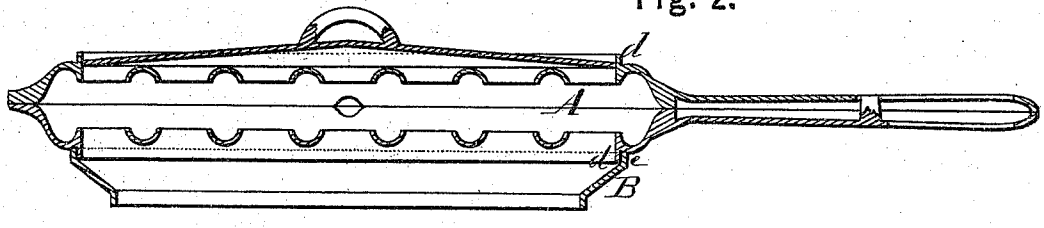


Fig. 2.



WITNESSES.

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

UNITED STATES PATENT OFFICE.

OTHNIEL J. SMITH, OF WAUWATOSA, WISCONSIN.

IMPROVEMENT IN BROILERS.

Specification forming part of Letters Patent No. **131,910**, dated October 1, 1872.

To all whom it may concern:

Be it known that I, OTHNIEL J. SMITH, of Wauwatosa, in the county of Milwaukee and State of Wisconsin, have invented a new and valuable Improvement in Broilers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a top-plan view of my invention with the cover removed. Fig. 2 is a longitudinal section of my invention.

This invention has relation to meat-broilers constructed according to the method detailed in the description accompanying Letters Patent granted to me October 10, 1871. This invention has for its object the adaptation to the various-sized lid-holes of stoves of broilers of any particular size; and consists in the construction of a ring having the form of an inverted truncated cone, and provided with vertical-edge flanges, as hereinafter described. This ring is placed in the lid-hole of the stove, and receives within the compass of its upper flange the flange on the broiler.

Referring to the accompanying drawing, A represents my improved broiler, which is made in two parts, each of which is flanged at *d* to fit the lid-holes of the stove, said broiler being reversible. The broilers are constructed of various sizes, each size being numbered to correspond with the diameter of the stove-lid holes in inches—as, No. 8 for an eight-inch hole, and No. 9 for a nine-inch hole. It is obvious a No. 9 broiler will not fit an eight-inch hole; hence I provide a ring, B, which is of the form of a truncated cone inverted. The smaller end enters the lid-hole, while the larger end extends about it, and is provided with flanges *e*, the interior diameter of the upper flange being equal to the exterior diameter of the flange *d*, which fits therein. The lower flange *e* should be of the size of the smallest pot-hole, and when the broiler is used on stoves of larger numbers the pot-hole will fit somewhere on the beveled outside face of the ring. As the main object designed to be effected in broilers of this character is the prevention of odors, the necessity of accurately fitting or connecting the broiler with the pot-hole is apparent.

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

The combination, with a double reversible broiler having the flanges *d*, of the removable flaring ring, consisting of the conical or inclined annular wall B, having the vertical flanges *e* projecting from its upper and lower edges, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

OTHNIEL J. SMITH.

Witnesses:

ELWIN C. SMITH,

JAMES LEFEBER.