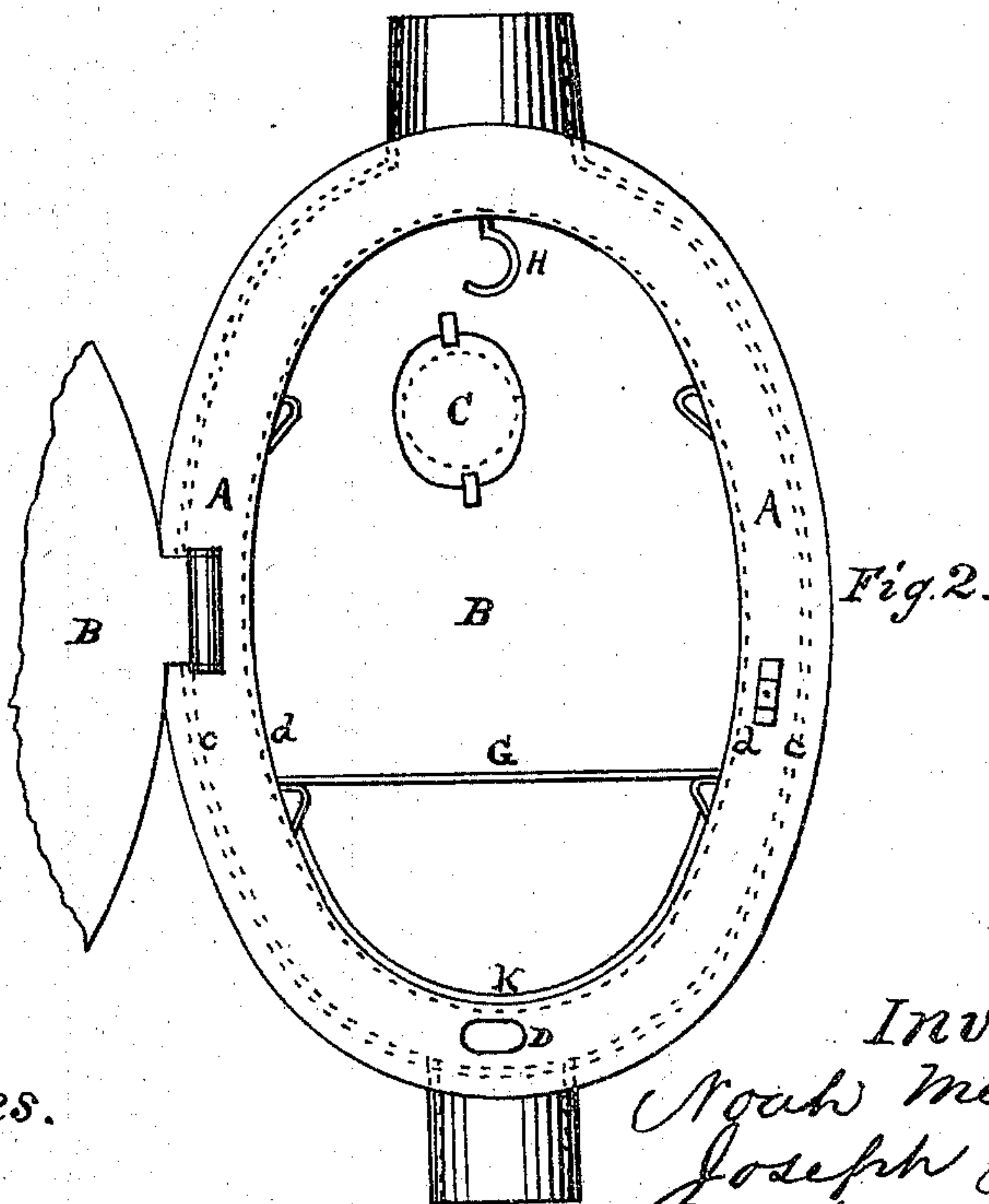
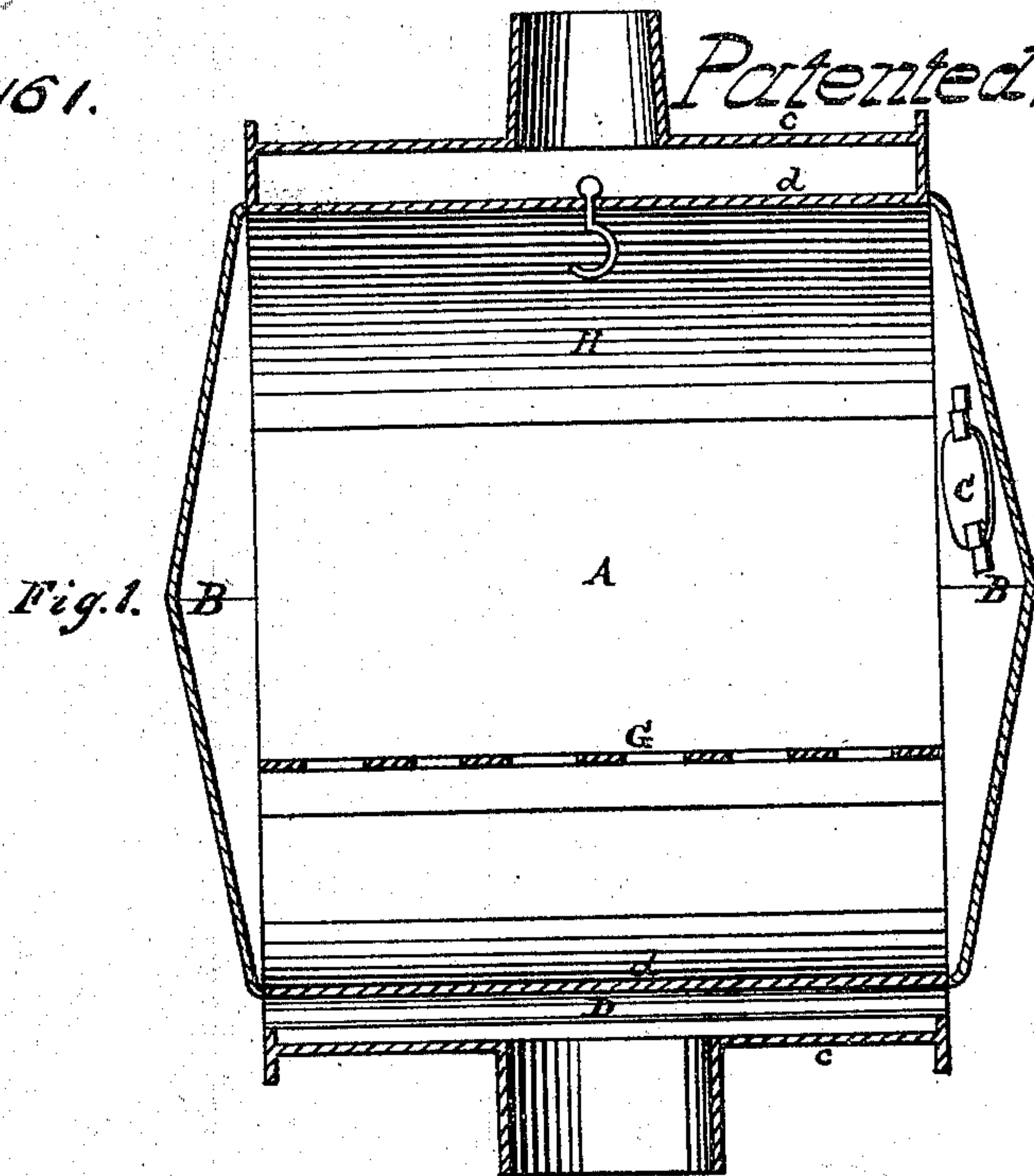


Stout, Russell & Mendenhall.

Combined Oven & Heater.

N^o 95161.

Patented Sept. 21. 1869.



Witnesses.

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United States Patent Office.

JOSEPH J. STOUT, SANFORD J. RUSSELL, AND NOAH MENDENHALL,
OF GREENSBURG, INDIANA.

Letters Patent No. 95,161, dated September 21, 1869.

COMBINED OVEN AND DRUM.

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

To all whom it may concern:

Be it known that we, JOSEPH J. STOUT, SANFORD J. RUSSELL, and NOAH MENDENHALL, of Greensburg, in the county of Decatur, and in the State of Indiana, have invented certain new and useful Improvements in Combined Baking-Oven and Heating-Drum; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of our invention consists in the construction of a combined oven and heater, whereby the heat, which would otherwise have been lost, is utilized either for the purpose of baking or for heating the apartment.

Figure 1 is a sectional view of our invention.

Figure 2 is an end view of the same.

Letter A represents the drum, which consists of the cylinders *c* and *d*, one placed inside of the other, leaving a sufficient distance between them to allow the smoke to pass freely and unobstructedly upward.

The inner surface of the cylinder *d* forms the sides of the oven, which is closed at each end by the doors B, one or both of which is provided with a small window, C, which admits the light, so as to enable a person to see the articles which are being cooked without the trouble of opening the doors.

In between the cylinders, there may be any number of tubes, D, both ends of which are open, and

which give a greater heating-surface, or can be used to regulate the draught, if desired.

Along the sides of the oven, there is a number of small projections formed, upon which rest the gratings G, on which the pans are placed, and from the top is suspended the hook H, upon which pots, &c., can be hung.

In order to prevent the articles placed on the bottom from cooking more rapidly than those in the middle, or at the top, a sheet of tin, K, or some bright-polished metal, is placed at the bottom, which prevents the heat from radiating so rapidly, and thus all will cook equally fast.

This drum can be placed upon any kind of a cooking or heating-stove, or can be attached to any pipe.

Having thus described our invention,

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

The construction and arrangement of the drum A, formed as described, of two cylinders *c d*, one or more tubes D, doors B, window C, grating G, and hook H, all substantially as shown and described.

In testimony that we claim the foregoing, we have hereunto set our hands, this 25th day of May, 1869.

JOSEPH J. STOUT.

SANFORD J. RUSSELL.

NOAH MENDENHALL.

Witnesses:

DAVID R. DIETZ,
HIRAM DRAKE.