

R. WILDMAN.
Hatter's Kettle.

2 Sheets—Sheet 1.

No. 4,256.

Patented Nov. 8, 1845.

Fig. 2.

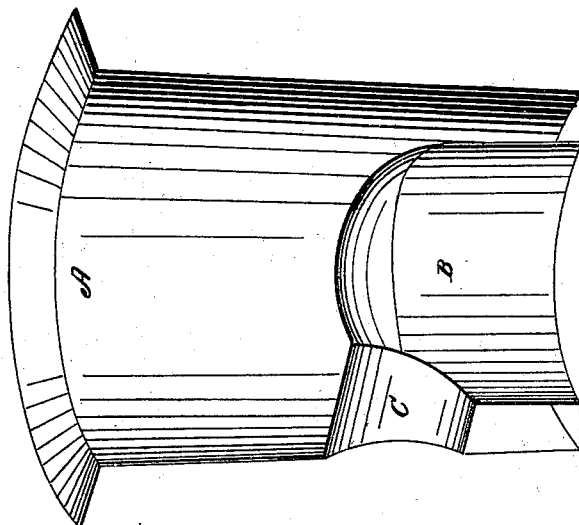
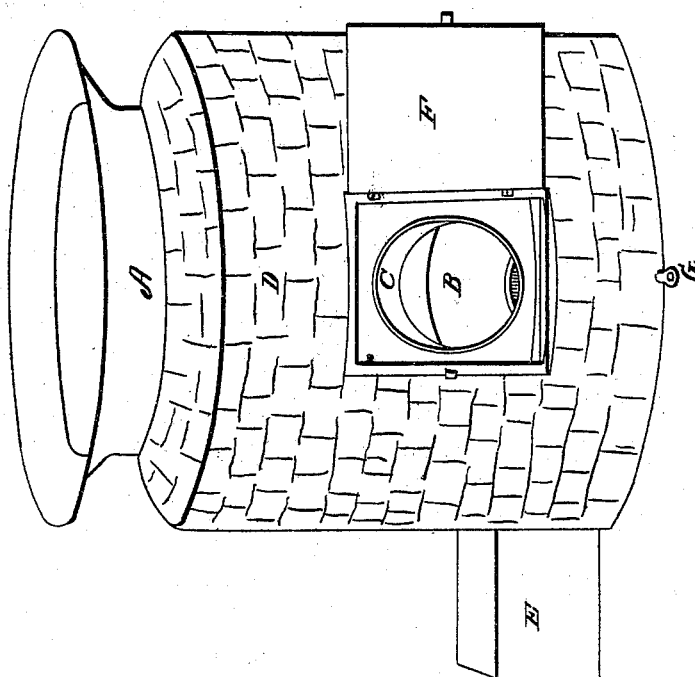


Fig. 1.



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Fig. 3.

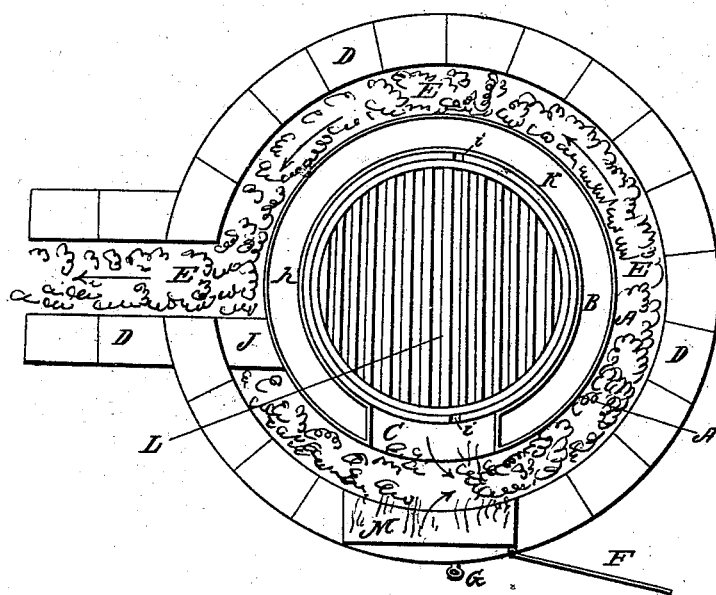
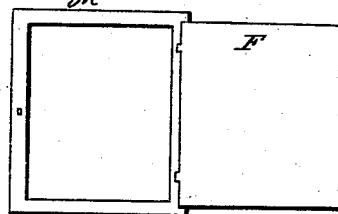


Fig. 4.



UNITED STATES PATENT OFFICE.

RUSSEL WILDMAN, OF HARTFORD, CONNECTICUT.

HATTER'S KETTLE.

Specification of Letters Patent No. 4,256, dated November 8, 1845.

To all whom it may concern:

Be it known that I, RUSSEL WILDMAN, of Hartford, in the county of Hartford and State of Connecticut, have invented a new and useful Improvement in Hatters' Kettles; and I do hereby declare that the following is a full, clear, and exact description of the construction of the same, reference being had to the annexed drawings, making
10 a part of this specification.

Figure 1 is a perspective view. A the kettle. B the cone. C the stoke flue and smoke pipe. D the brickwork. E the draft flue leading to the chimney.

15 Fig. 2 is a longitudinal section of the kettle. A the kettle thirty inches high twenty-four inches diameter at top and twenty-one at bottom. The flange at top fastens to the octagon planks. In the bottom of the kettle
20 is placed a cone B sixteen inches diameter at the bottom and fourteen inches high in the center. From the cone B is a flue C 8 inches diameter connected with the side of the kettle and forming a flue for fuel and smoke.

Fig. 3 is a transverse section of Fig. 1, 25 through the flue C and cone B. L the grate which is supported at *i i*, the heaviest part resting upon a hook *h*. The grate is turned by the rod *a*, when the fire is dropped. B the cone, A the kettle, K water, C the stoke and 30 draft flue, E E E the draft flue around the kettle, D D D brickwork. The partition *j* obstructs the direct draft causing it to pass around the kettle. M and F is the door and frame (Fig. 4) which is placed in the brick- 35 work directly in front of the stoke flue C. There is an iron plate under the kettle sustaining the grate.

What I claim as new and my invention and desire to secure by Letters Patent is— 40

The arrangement of the draft in combination with the stoke flue by which the smoke flue C becomes the stoke flue in the manner described.

RUSSEL WILDMAN.

Witnesses:

BENNING MANN,
RICHARD D. HUBBARD.