2. Sheets. Sheet. 1.

D. S. Beardsley,

Cook Stove.

No. 16,349. Patented Jan. 6. 1857.

Fig. 1.

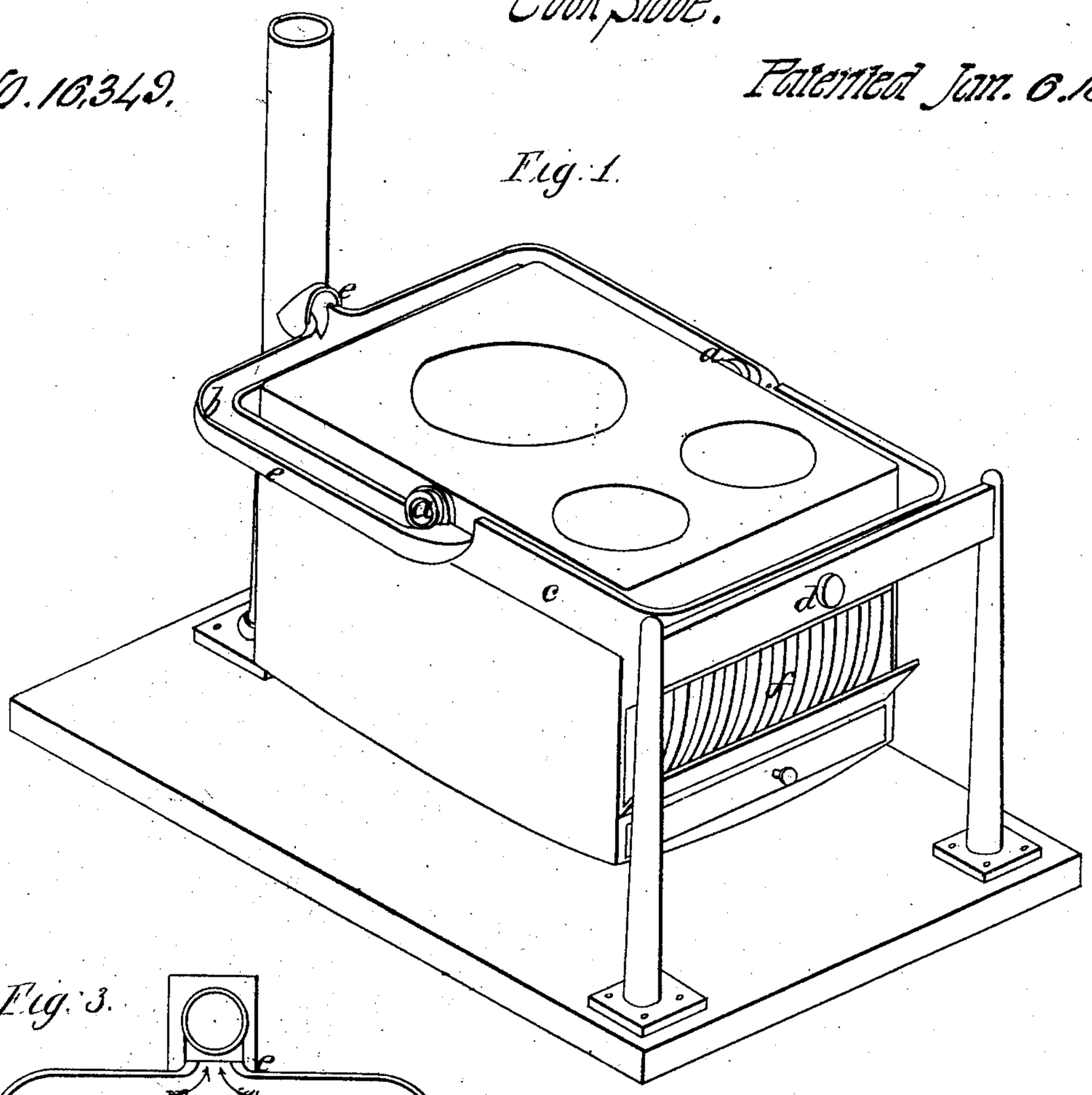

Fig. 3.

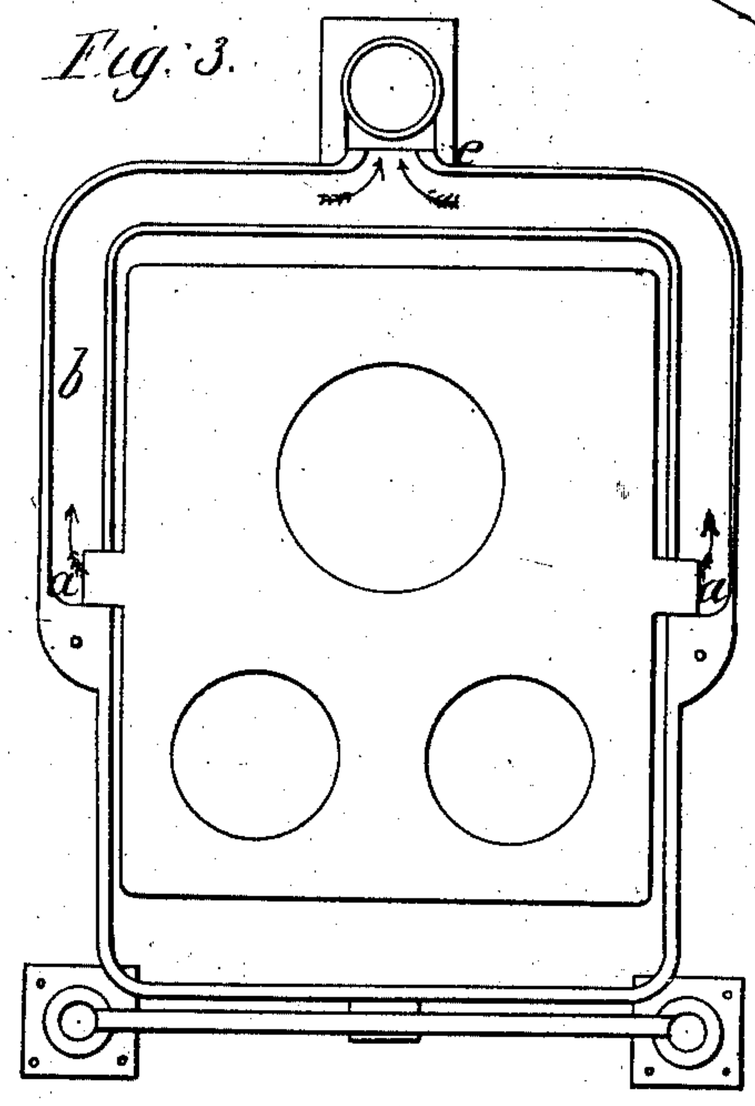

Fig. 2.

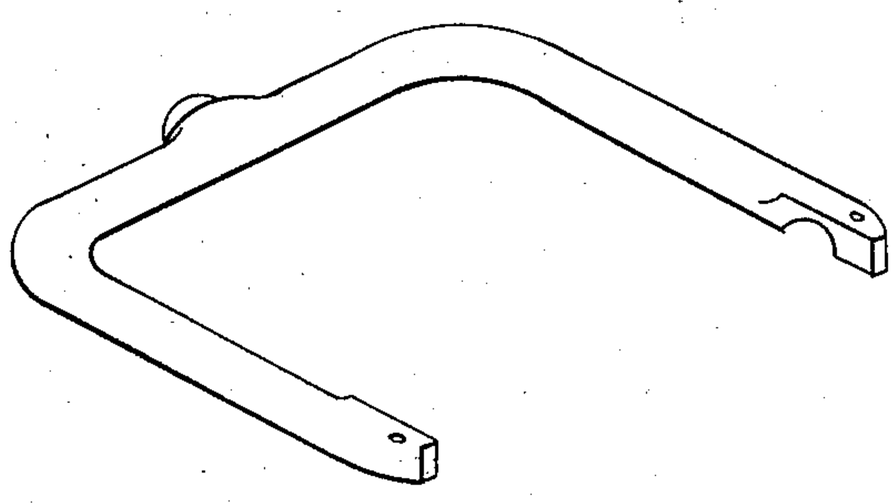

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Fig. 4.

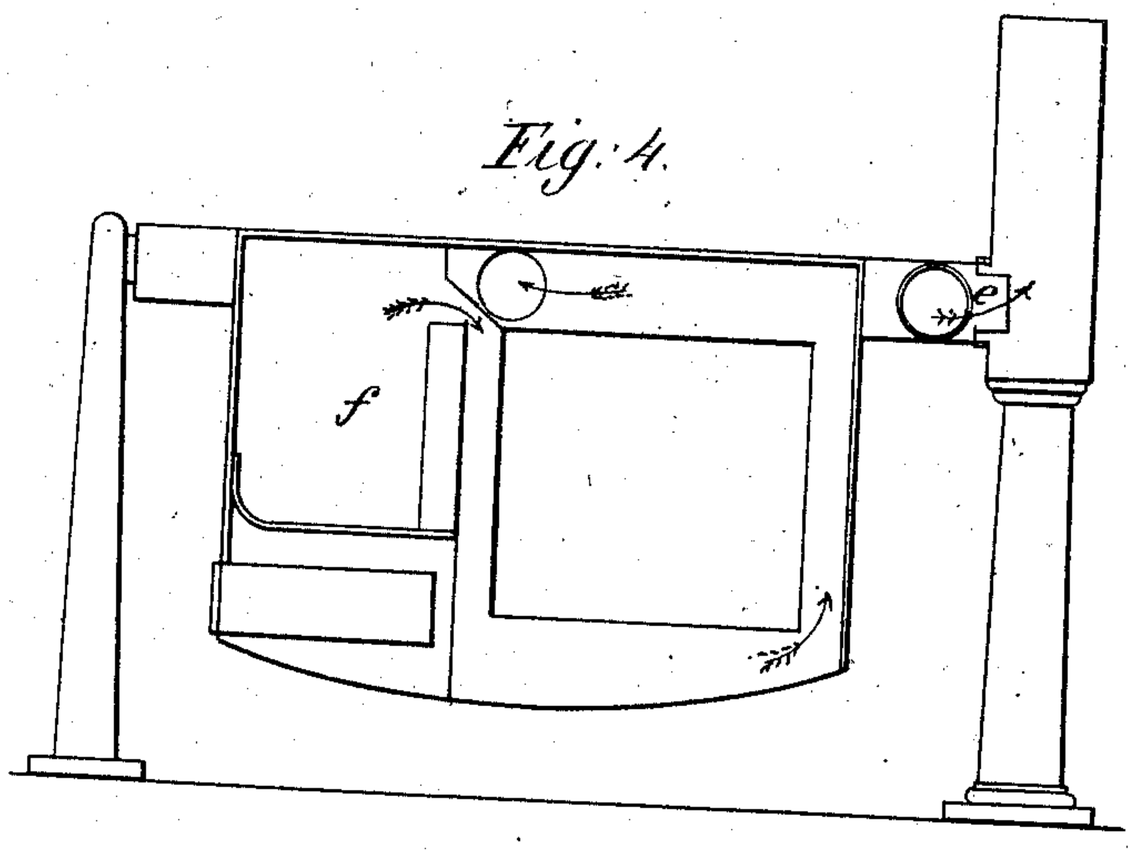


Fig. 5.

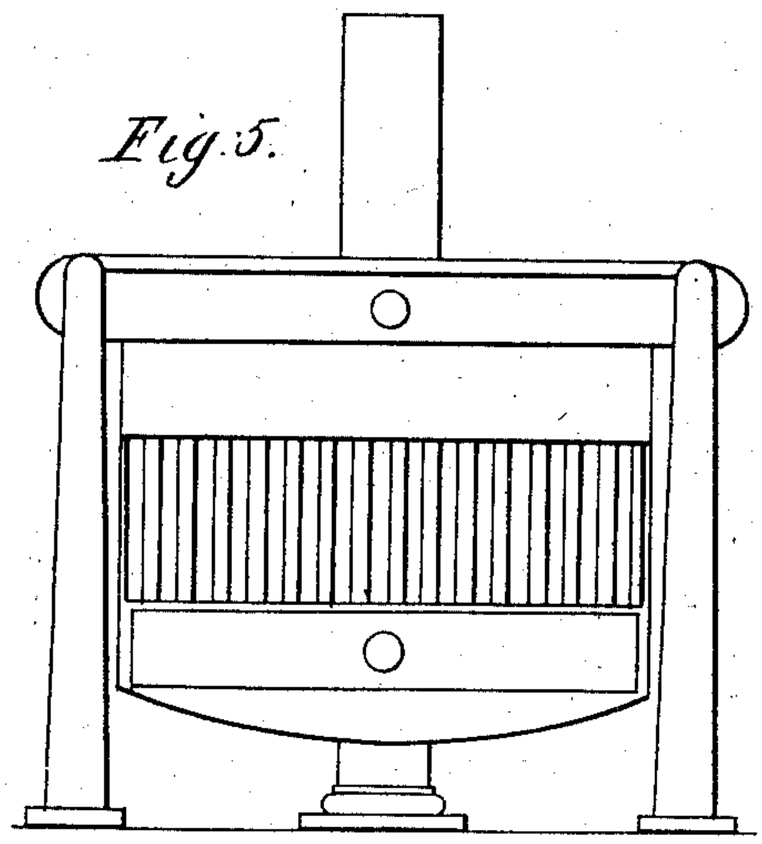
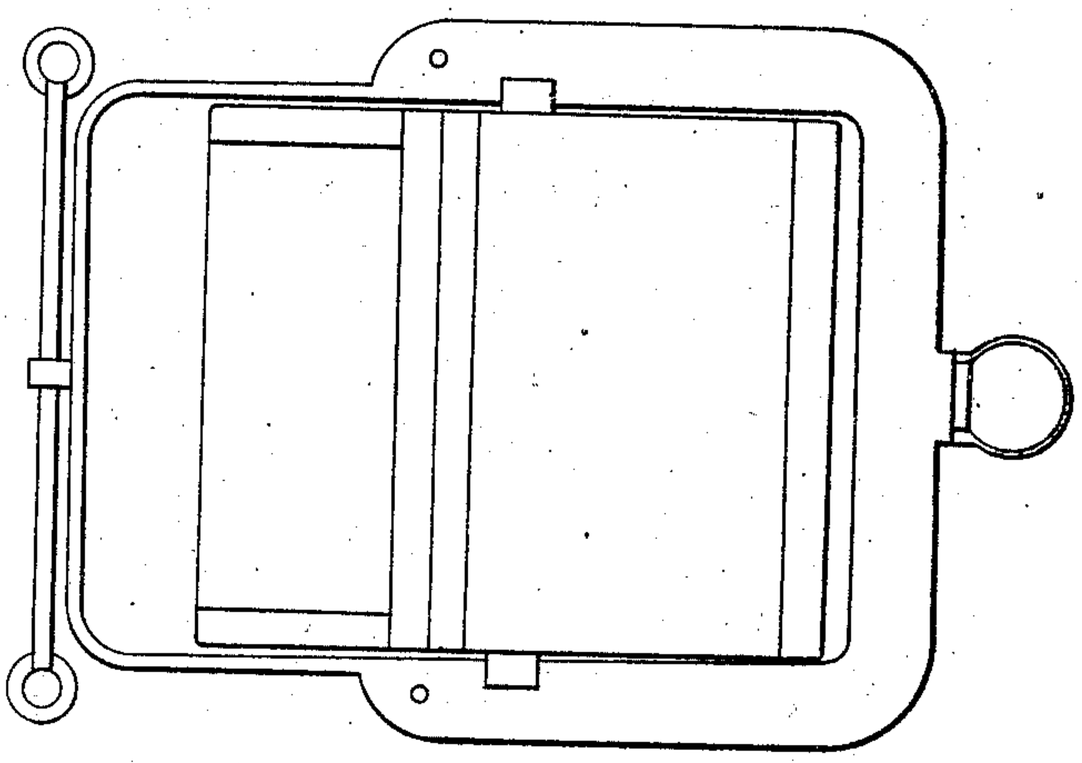


Fig. 6.



UNITED STATES PATENT OFFICE.

DANIEL S. BEARDSLEY, OF NEW HAVEN, CONNECTICUT, ASSIGNOR TO HIMSELF AND JNO. D. UMBERFIELD.

SHIP'S COOKING-STOVE.

Specification of Letters Patent No. 16,349, dated January 6, 1857.

To all whom it may concern:

Be it known that I, DANIEL S. BEARDSLEY, of the town and county of New Haven, in the State of Connecticut, have invented a new and useful Improvement in Stoves to be used on Shipboard; 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 accompanying drawings, which make a part of the specification, in which—

Figure 1 is a view of the stove complete, with the upper half of the swinging smoke flue removed. Fig. 2 is a view of the part so removed. Fig. 3 is a bird's eye view of the stove as in Fig. 1. Fig. 4 shows the course of draft, and Fig. 5 is a front view of the stove complete.

The nature of my invention consists in so constructing a stove, to be used on board ship, that it shall always maintain an upright position. To accomplish this I arrange the stove, so as to swing in, substantially the same manner, as a ship's compass usually swings.

The draft of the stove is so arranged that the smoke and sparks from the fire chamber, pass through the hollow pivots *a*, *a*, into the flue *b*. Upon these pivots the stove swings forward and back, in the frame *c*, *c*. This frame is composed in part of the flue *b*, and swings laterally on the pivot *d* and the hollow pivot *e* resting in the chimney or stationary pipe. The draft from the fire-chamber *f*, thus passes through the hollow pivots *a a* into the flue *b*, and then through the hollow pivot *e* into the chimney. It is obvious that the pivots upon which the stove swings must be near the top of the stove, and where the stove itself is of light weight it may in some cases be necessary to have a weight fastened to the under side of it in order to keep it steady.

With a stove arranged as described it will be seen that however much a ship may pitch fore and aft, or heel over, the stove will remain upright. When the bow of the ship rises the stove swinging on the pivots *a a* remains level, and when she heels over the level is maintained by the swing on the pivots *d* and *e*.

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

Hanging a stove to be used on ship board by means of the hollow pivots and flue as described so that the stove shall always maintain an upright position and the draft not be interrupted.

DANIEL S. BEARDSLEY.

In presence of—

LUCIUS G. PECK,
HORACE W. BULL.