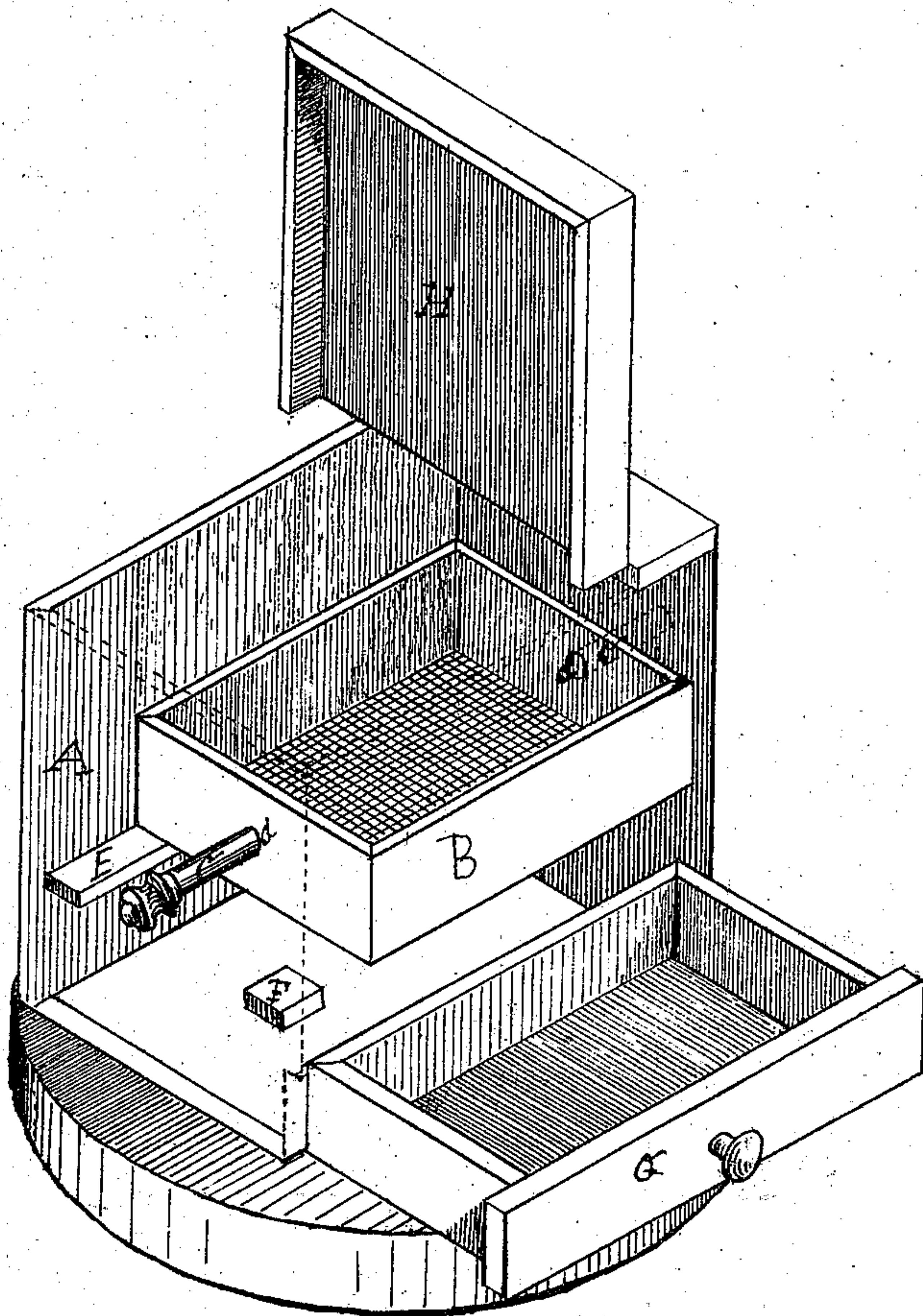


L. G. Hoffman,

Ash Sifter.

No. 104,735.

Patented June 28, 1870.



WITNESSES.
Edward Savage
John W. Walsh.

INVENTOR.
Lewis G. Hoffman

United States Patent Office.

LEWIS G. HOFFMAN, OF ALBANY, NEW YORK.

Letters Patent No. 104,735, dated June 28, 1870.

IMPROVED ASH-SIFTER.

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

To all whom it may concern:

Be it known that I, LEWIS G. HOFFMAN, of the city and county of Albany and State of New York, have invented a new and useful Improvement in "Coal-ash Sifters;" and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and to the letters marked thereon, forming a part of my specification.

My improvement consists in preparing a suitable box or case of proper dimensions to sit on a box, empty barrel, or other receptacle.

In the case or box (see A) I suspend my sifter, (see B,) in a vertical position, by two arms, (see C C'), passing through the front and rear of the case, by holes prepared for that purpose, (see D D,) using, when in operation, the front arm as the handle for shaking, when the sieve is in position to shake, which is then made to slide on a cleat prepared (see E) on the left hand of the case for that purpose.

To keep the sieve or shaker on the necessary bal-

ance in filling it from the coal-scuttle, a button is added, (see F.)

At the bottom of the case a drawer is provided, (see G,) which, in the act of sifting, is nearly drawn out of the case, and, the ashes having passed through into the box or barrel, leave the coal in the sieve. The drawer is then pushed in its proper place, and, with a slight movement of the hand, the sieve is thrown from its balance and dumped in the drawer, free from ashes.

H is the lid to case.

What I claim as my improvement in ash-sifters is—

The arrangement of the sifter B, with the slide E, handle C, and guide C', in combination with box A, by which the sieve may be turned, and its contents discharged, as shown and described.

LEWIS G. HOFFMAN.

Witnesses:

EDWARD SAVAGE,
JOHN W. WALSH.