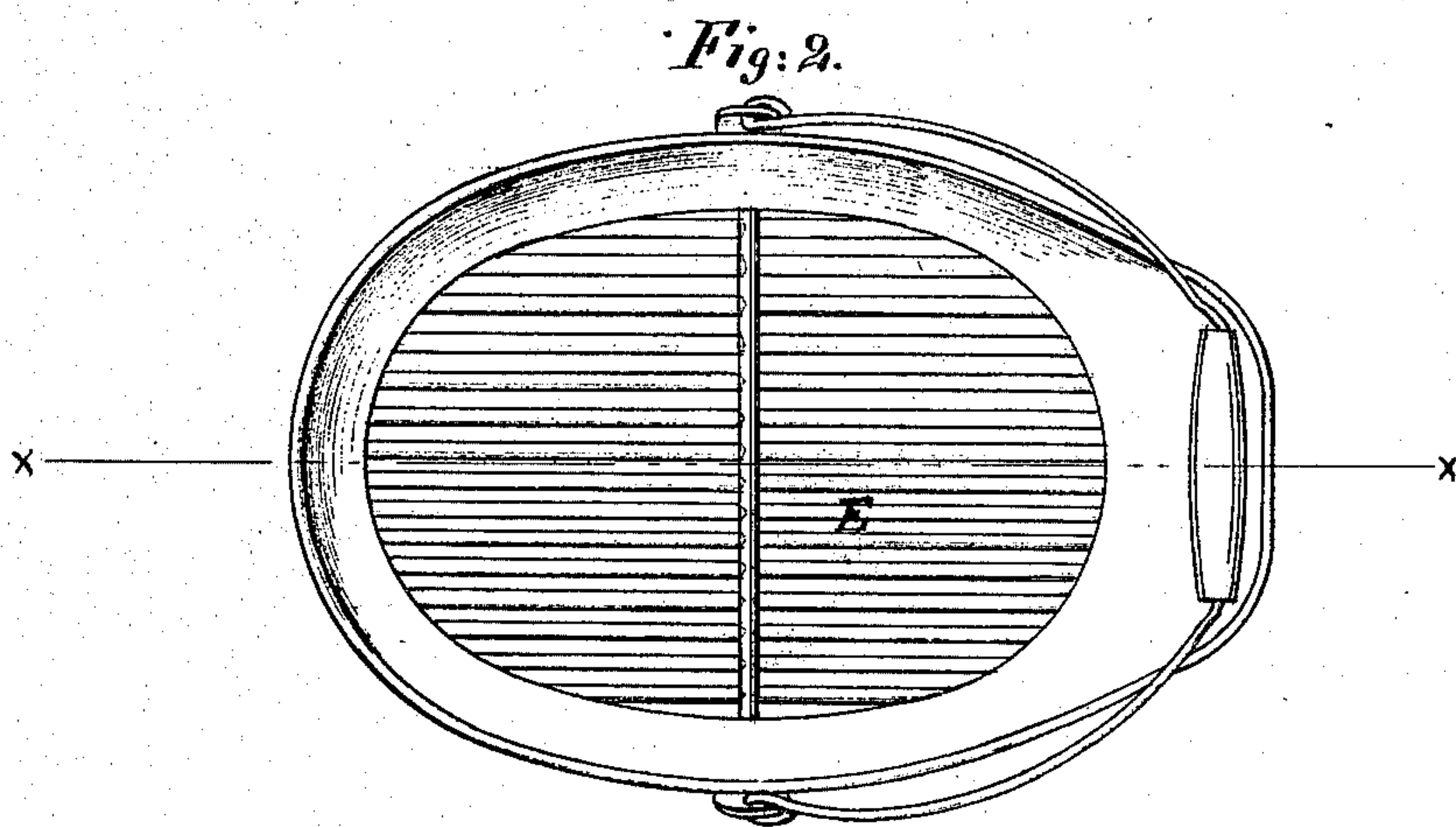
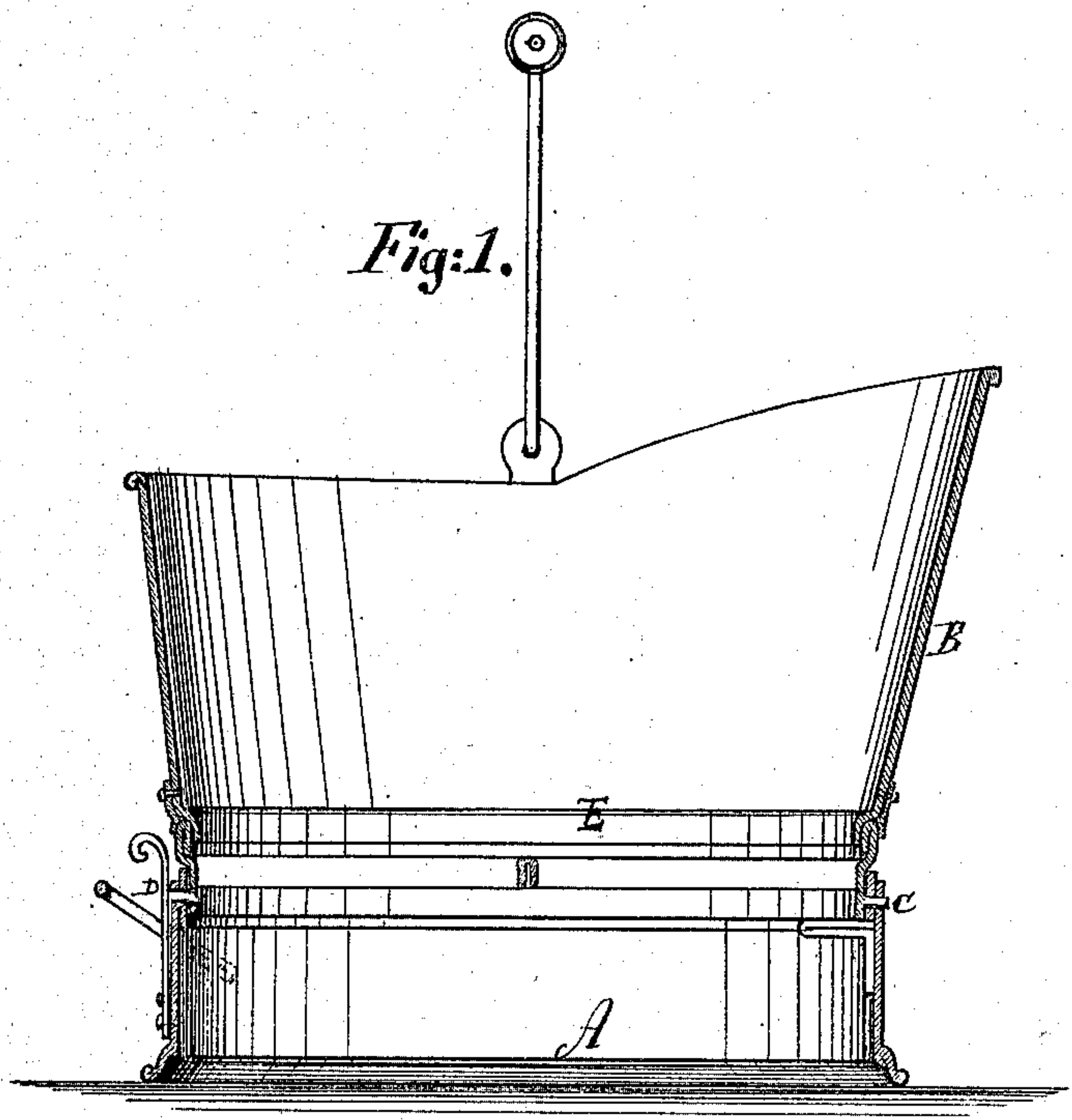


NICHOLS & WEAVER.
Coal Scuttle.

No. 100,791.

Patented March 15, 1870.



Witnesses:
M. Vorländer
Alex J. Roberts

Inventor:
M. S. Nichols
R. Weaver
PER *Mumford*
Attorneys.

United States Patent Office.

M. S. NICHOLS AND REUBEN WEAVER, OF CENTRAL VILLAGE, CONNECTICUT.

Letters Patent No. 100,791, dated March 15, 1870.

IMPROVED SCREEN COAL-HOD.

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, M. S. NICHOLS and REUBEN WEAVER, of Central Village, in the county of Windham, and State of Connecticut, have invented a new and useful Improvement in Screen Coal-Hods; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings forming part of this specification.

The object of this invention is to provide a coal-hod which shall enable the user to sift or screen the coal from the ash as the latter is taken from the stove or grate; and

It consists in making the hod in two parts, one being a receptacle for coal, and the other for the ashes, as will be hereinafter more fully described.

In the accompanying drawing—

Figure 1 represents a vertical section of the hod through the line *x x* of fig. 2.

Figure 2 is a top view.

Similar letters of reference indicate corresponding parts.

A is the ash-pan.

B is the part designed for coal.

These two parts fit together, as seen in the drawing. B fits into A, where it is fastened by means of a pin, C, and a spring catch, D, when the hod is in use; but by this arrangement it will be seen that the parts are readily separated.

E represents a screen or sieve made either in the grate-form, as seen in the drawing, or of wire-cloth or perforated metal. This screen is rigidly attached to the coal part B, and forms a bottom thereto.

When a stove is cleaned out or ashes taken up the ashes and fine or unconsumed coal are thrown into the hod.

The ashes drop through the screen into the ash-pan A, or the hod may be shaken or agitated so that the ash is separated from the unconsumed coal. When this separation is complete the two parts of the hod may be separated, the ashes are carried out in the ash-pan A, while the sifted coal is used from the part B.

It will be apparent that the hod may be used at all times for carrying and holding coal like ordinary coal-hods.

By this arrangement dirt and dust may be sifted from coal before it is carried to the fire, but the principal advantage is, it takes the place or does the duty of all the various coal-screening arrangements now in use. The coal-hod is made to answer all purposes. The advantages of this arrangement must be obvious to all.

Having thus described our invention,

We claim as new, and desire to secure by Letters Patent—

The combination of coal-chamber B and screen E with a removable ash-pan A, made easily and quickly detachable by means of the pin C and spring-catch D, as herein described, for the purpose specified.

The above specification of our invention signed by us this 7th day of December, 1869.

M. S. NICHOLS.

REUBEN WEAVER.

Witnesses:

GEO. W. MABEE,

ALEX. F. ROBERTS.