

Moore & Rogers,

Oil Press.

No. 91,958.

Patented June 29, 1869.

Fig. 1.

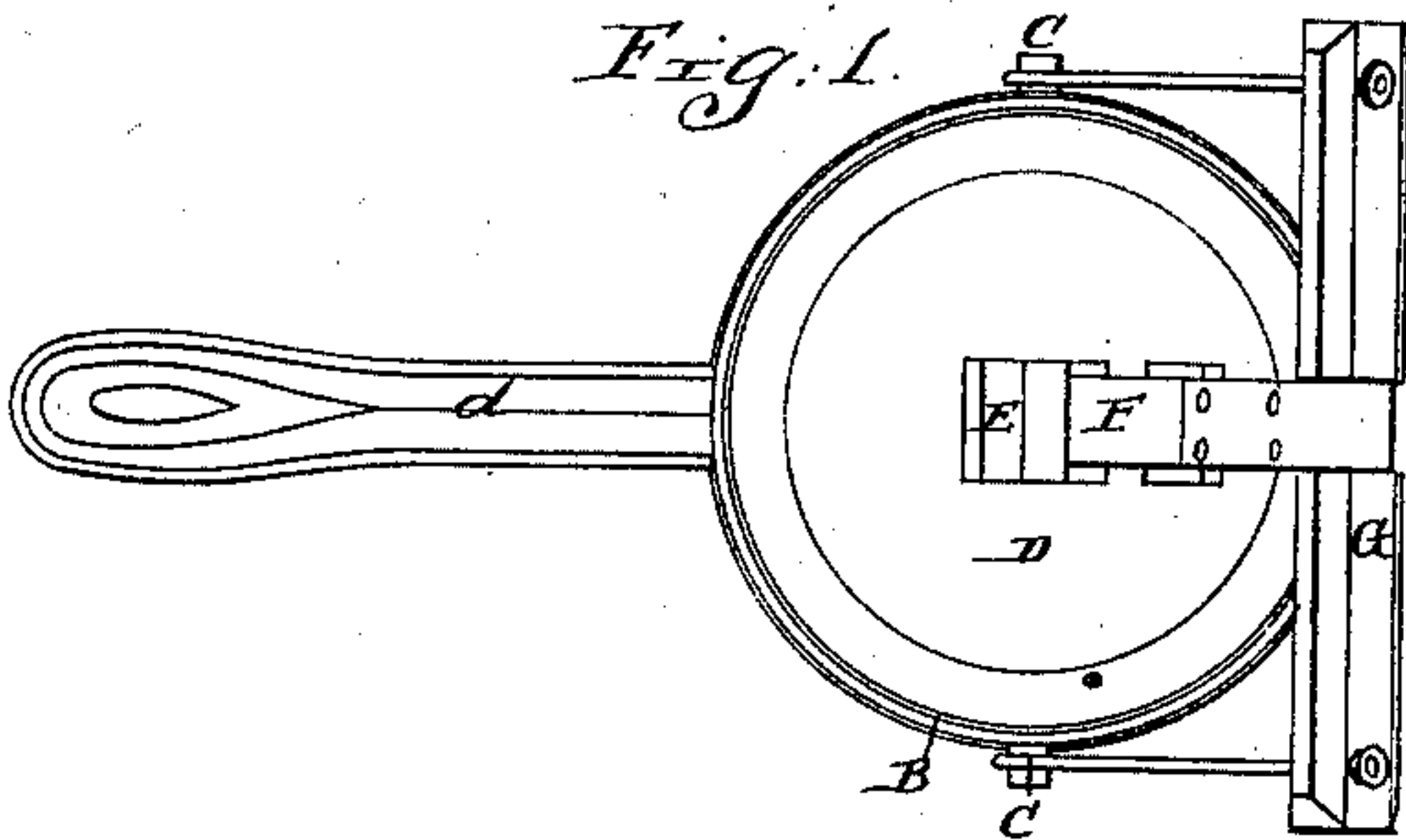


Fig. 2.

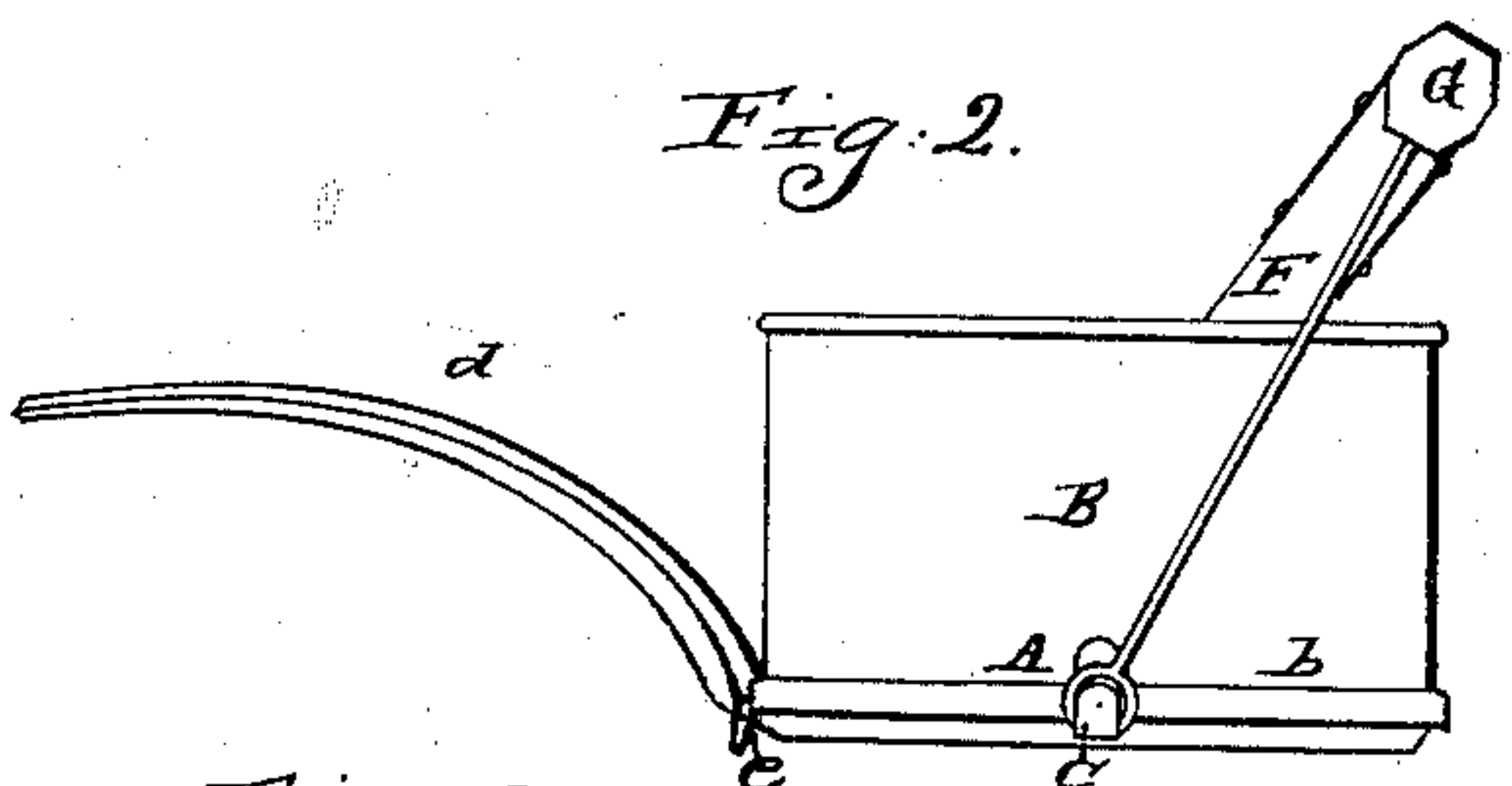


Fig. 3.

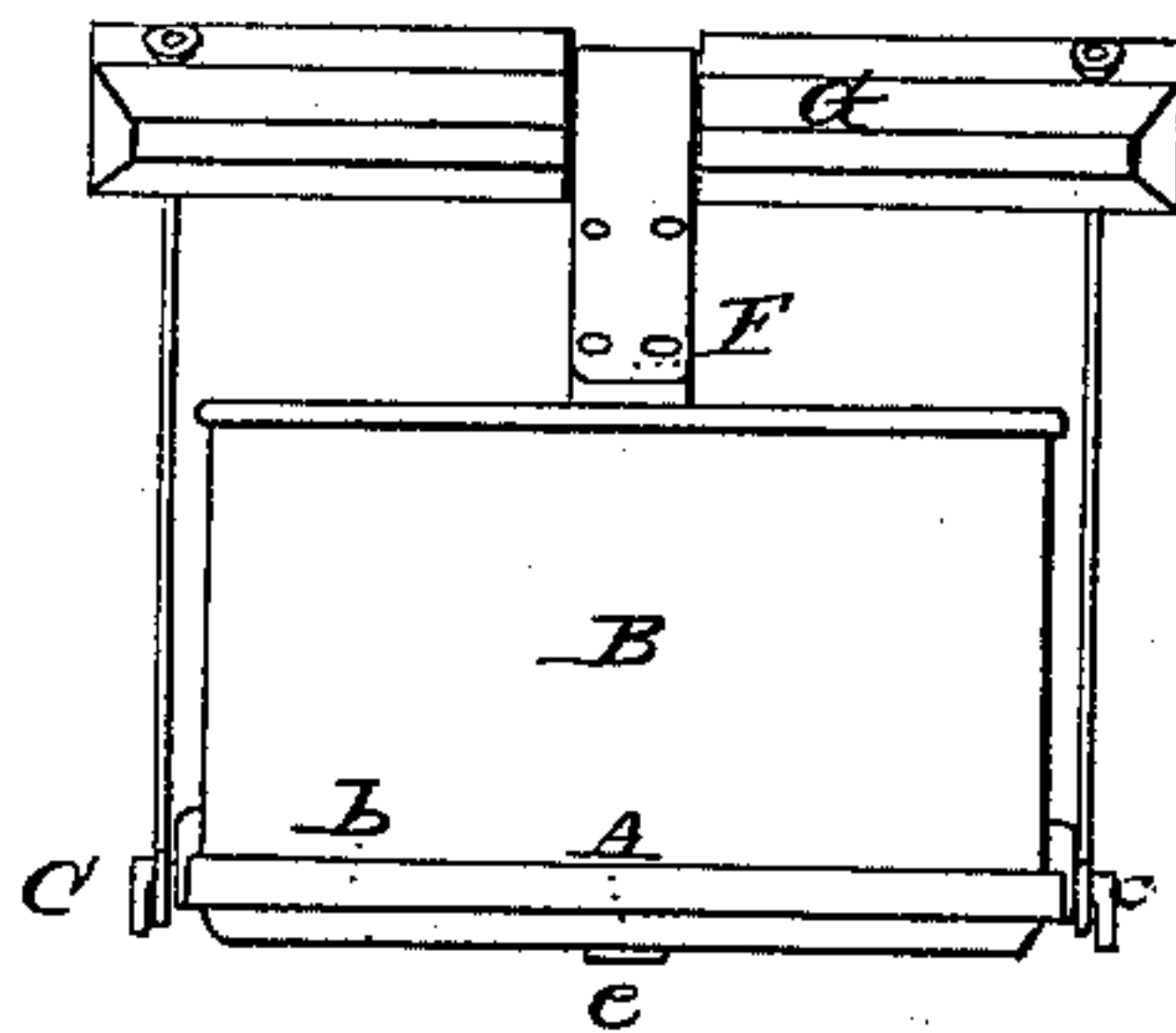


Fig. 4.

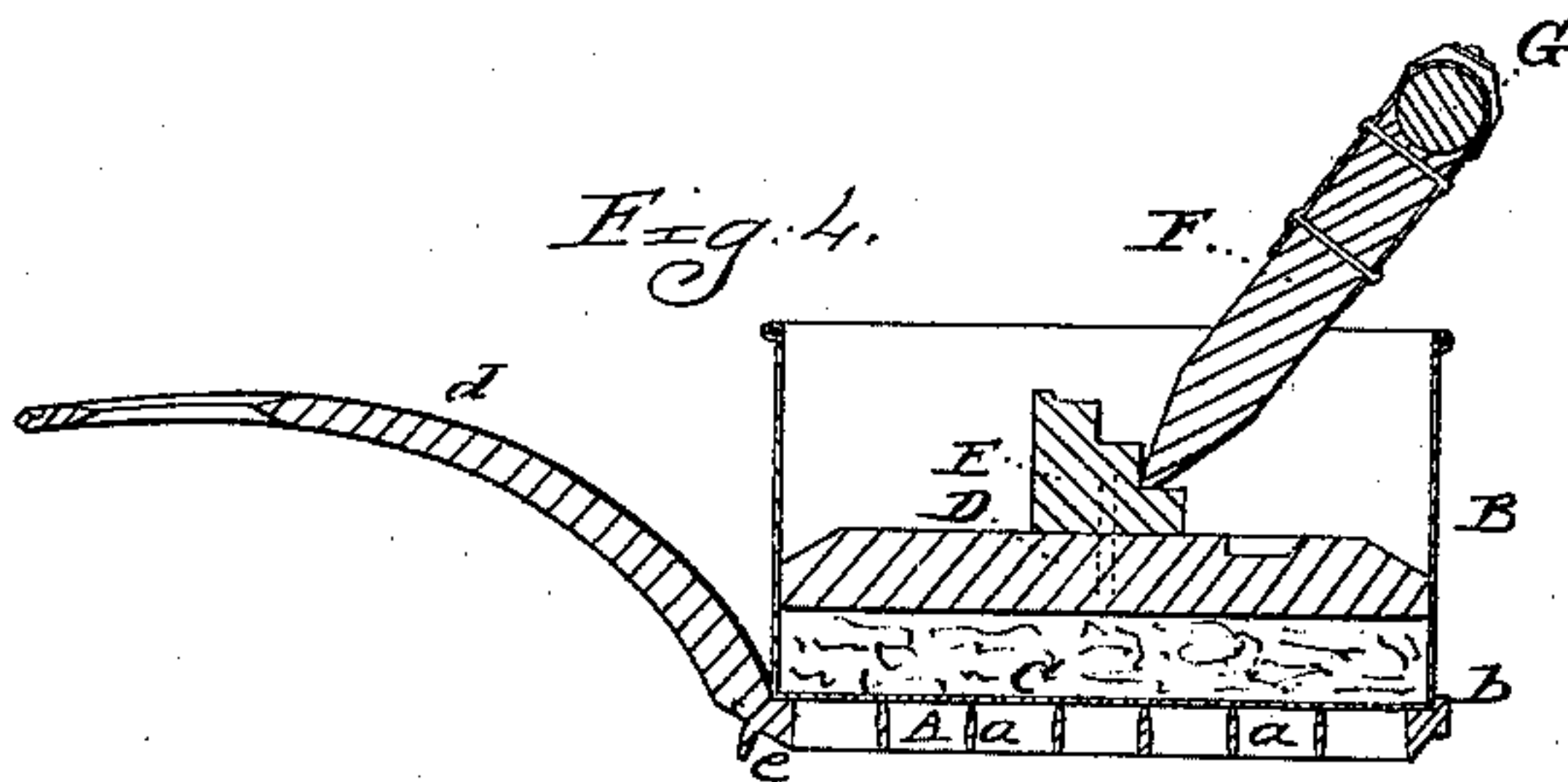
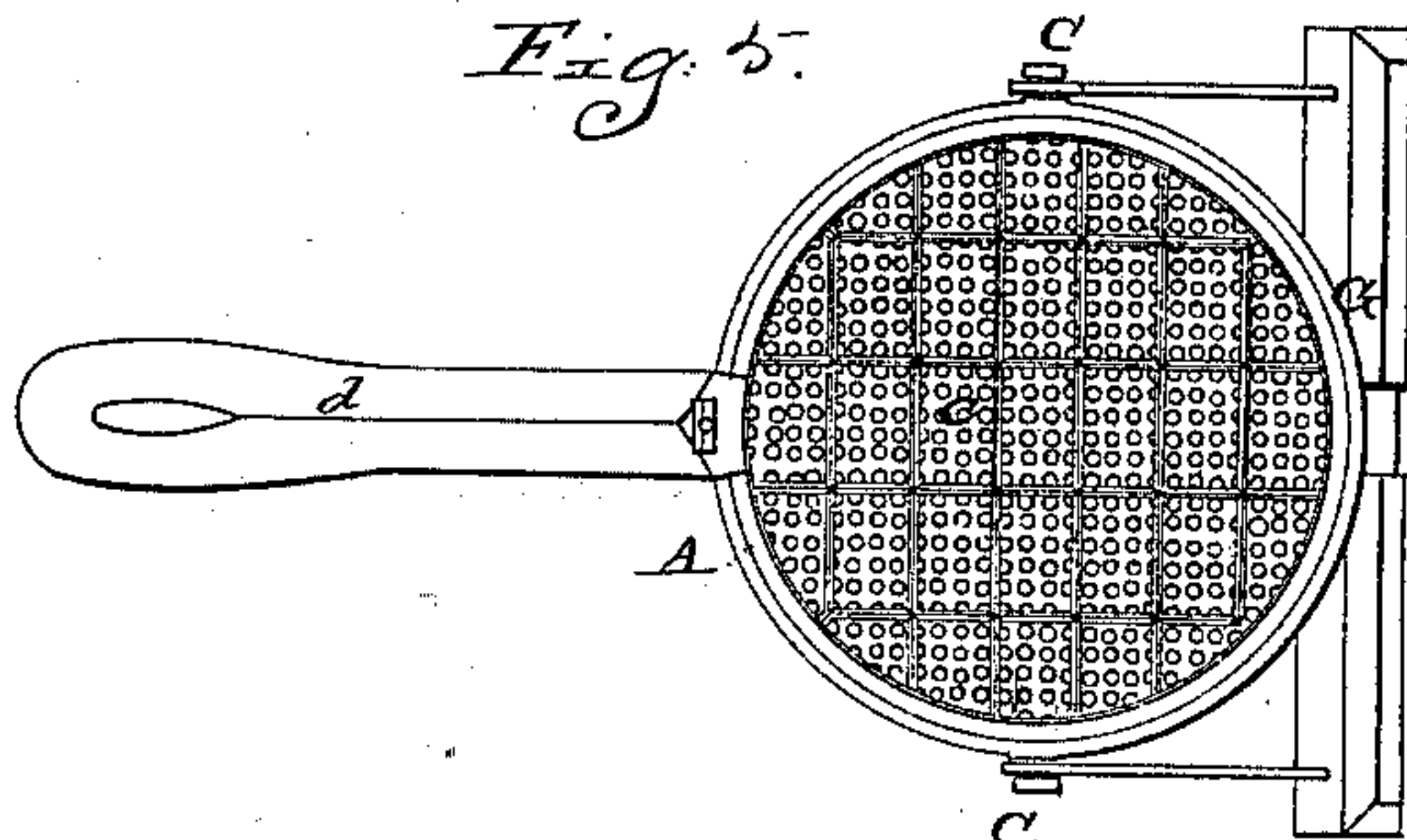


Fig. 5.



Witnesses:

S. N. Piper.
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Inventors:

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by their attorney

D. W. Eddy

United States Patent Office.

STEPHEN MOORE AND HOMER ROGERS, OF SUDBURY, MASSACHUSETTS,

Letters Patent No. 91,958, dated June 29, 1869.

IMPROVEMENT IN PORTABLE STRAINING-PRESSES.

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

To all persons to whom these presents may come:

Be it known that we, STEPHEN MOORE and HOMER ROGERS, of Sudbury, of the county of Middlesex, and State of Massachusetts, have made a new and useful Improvement or Invention, having reference to Portable Straining-Presses; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a top view.

Figure 2, a side elevation.

Figure 3, a front view.

Figure 4, a longitudinal section of a press provided with our invention.

Figure 5 is an under-side view of it.

The bottom, A, of the press is circular, and provided with a grating, *a*, and a lip, *b*, the latter being extended up from the said bottom, and designed to receive and support the lower edge of a cylindrical case, B, which constitutes, with such bottom and a strainer, C, placed on the grating thereof, a vessel for straining a liquid from any material.

From opposite parts of the said bottom, two hooked ears, *c c*, are extended, and midway between them, there is a long handle, *d*, projected from the bottom, in manner as represented.

Furthermore, at the lower part of the handle there extends from the bottom a projection, *e*, which serves to enable a person, while the straining-vessel may be resting on and over another vessel, to hold the former steady by pressing the projection against the supporting-vessel, such being usually done while the person may be in the act of pulling toward him the bail of the pressing-mechanism.

Within the case B is a follower, D, having extended above its upper surface a stepped projection, E, which, in form, is like a flight of steps.

With this stepped projection a toggle, F, pivoted to the middle of a bail, G, operates. The said bail formed in manner as represented, is pivoted upon the ears *c c*.

If a person, while having hold of the handle *d*, places the foot of the toggle on either of the steps of the projection E, and pulls the bail toward the handle, the follower may be forced downward within the case.

The bail, the toggle, and the stepped projection, constitute a means of readily effecting a downward movement of the follower.

The stepped projection admits of the toggle being

adjusted as may be necessary, in order to produce the said downward movement of the follower, when the bail may be drawn toward the handle.

The handle *d* not only enables the expressing-vessel to be supported to advantage over another vessel while the pressing-mechanism is being put in operation, but, with the bail and toggle thrown back toward the handle, and the follower removed from the expressing-vessel, the said vessel can be used as a straining-dipper.

The projection *e* supports the vessel against the strain on it of the bail while being drawn toward the handle.

We are aware of the combined press and strainer, as represented in the specification of the United States Patent No. 78,981, granted June 16, 1868, to Joseph H. Littlefield.

We are also aware of the combined press and strainer represented in Letters Patent No. 85,530, dated January 5, 1869, and granted to the said Littlefield.

We make no claim to either of the apparatus, or any part thereof, described in the specifications of such patents.

Nor do we claim the combination of a straining-vessel, a follower, and a means of pressing such follower into the straining-vessel, as such a combination involves the principles of various kinds of presses used for expressing a liquid from a solid.

What we do claim, in a portable straining-press, as our invention, is as follows.

The arrangement and combination of the bail and toggle applied to the bottom of the expressing-vessel, with the stepped projection applied to the follower.

Also, the arrangement and combination of the handle with the expressing-vessel, and the bail, toggle, and stepped projection applied to the said vessel and the follower, in manner and so as to operate therewith, substantially as specified.

Also, the arrangement and combination of the projection *e* with the handle *d*, the expressing-vessel, and the bail, toggle, and stepped projection, applied to the expressing-vessel and follower, in manner and so as to operate therewith, as explained.

STEPHEN MOORE.
HOMER ROGERS.

Witnesses:

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S. N. PIPER.