

Fig. 1

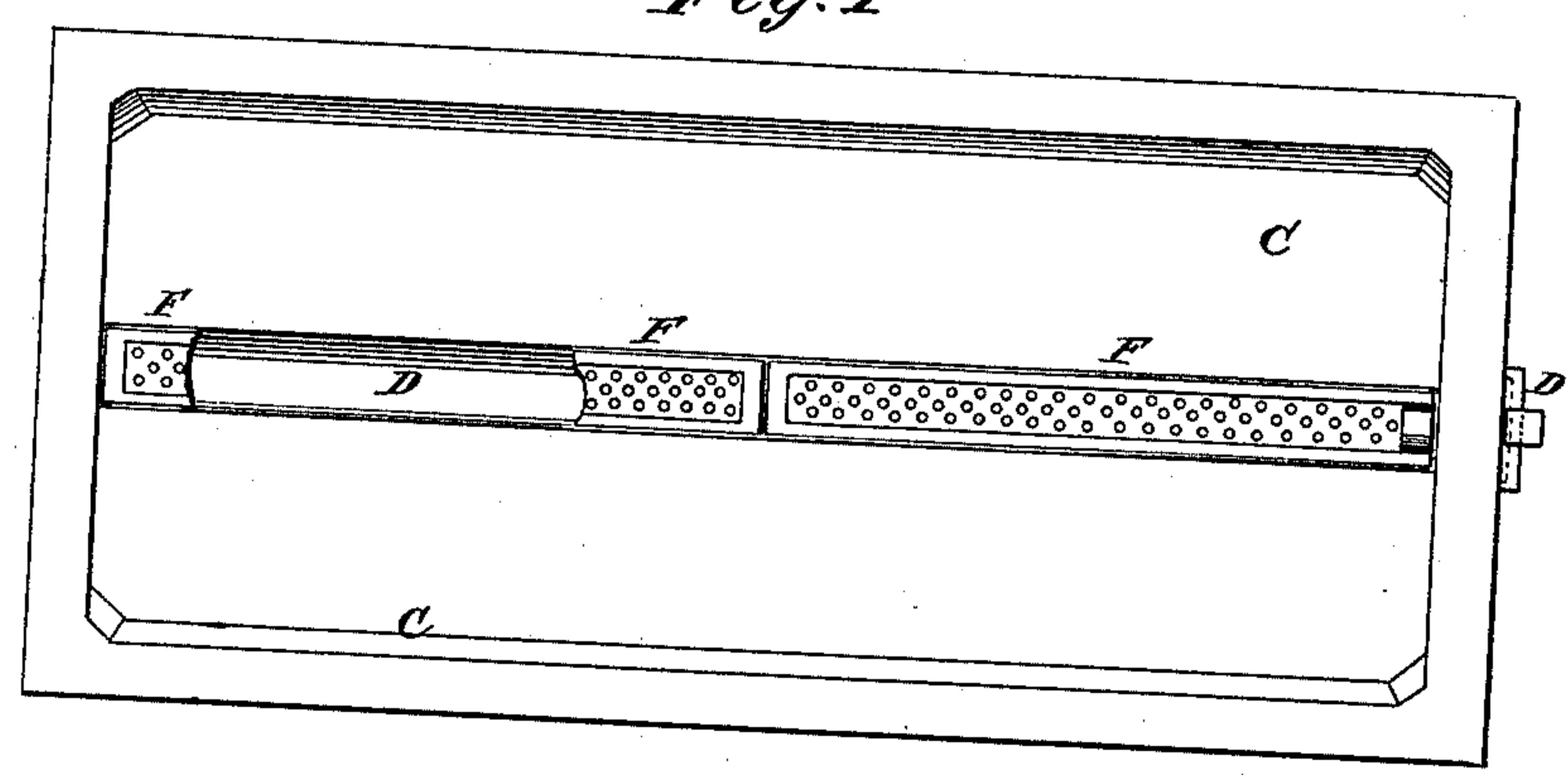


Fig. 2

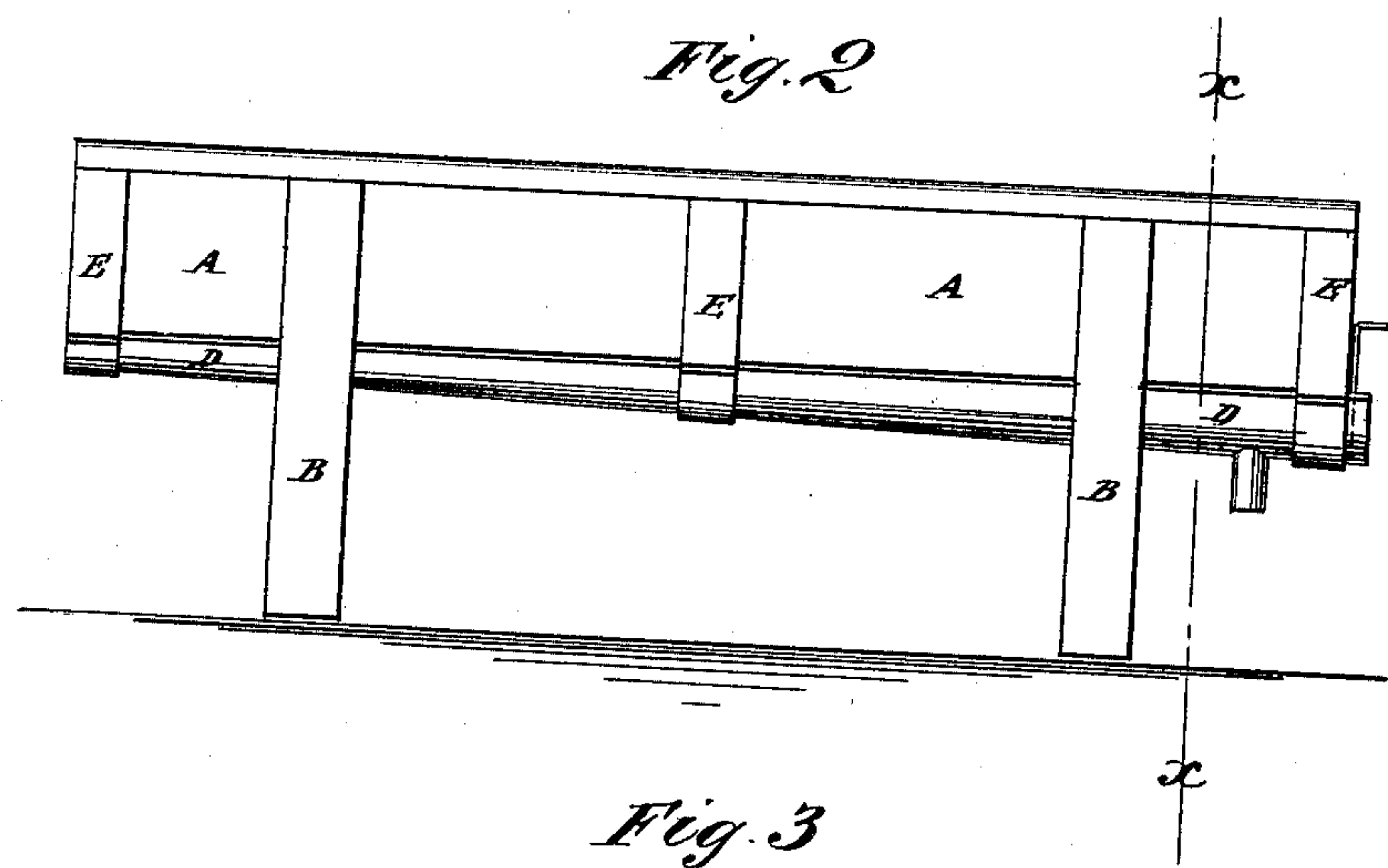
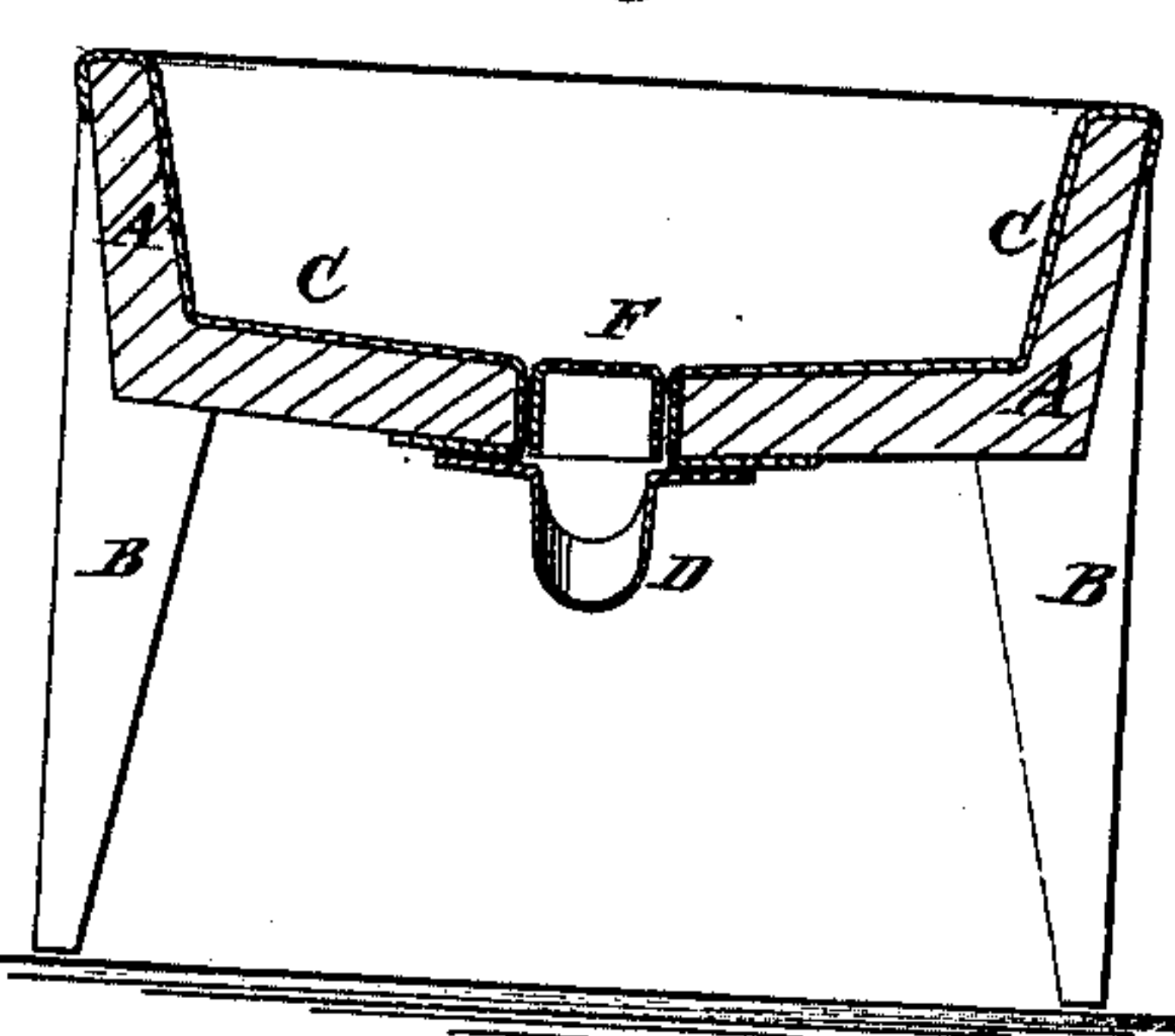


Fig. 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

JONAS WILDER, OF WEST RUPERT, VERMONT.

IMPROVEMENT IN CURD-DRAINERS.

Specification forming part of Letters Patent No. **175,804**, dated April 4, 1876; application filed January 29, 1876.

To all whom it may concern :

Be it known that I, JONAS WILDER, of West Rupert, in the county of Bennington and State of Vermont, have invented a new and useful Improvement in Cheese-Curd Drainer, of which the following is a specification :

Figure 1 is a top view of my improved drainer, part of the screen being broken away to show the construction. Fig. 2 is a side view of the same. Fig. 3 is a vertical cross-section of the same taken, through the line *xx*, Fig. 2.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved cheese-curd drainer which shall be so constructed that it may be readily cleaned and kept clean, and which shall be simple in construction and convenient in use. The invention consists in a cheese-curd drainer in which the sheet-metal lining passes through the discharge-slot in its bottom, and is secured to or formed solid with the discharge-spout, and in the detachable screen, made in sections, in combination with the drainer and the discharge-spout, as hereinafter fully described.

A is the wooden box or body of the drainer, which is supported upon legs B, of such a length as to support the drainer at a convenient height. The bottom of the box A has a longitudinal slot formed through its middle part to form a passage for the escape of the whey. The box A is provided with a sheet-metal lining, C. The lining C is slit longitudinally through its center, and its edges are passed down through the slot in the bottom of the box A, and are bent upward and secured to the under side of the said bottom. D is the spout to conduct the whey away. The spout D is made of sheet metal, and its edges are turned outward and are soldered to

the turned-out edges of the bottom of the lining C, so that there may be no seam between the lining C and the spout D for the whey to lodge in and sour. The spout D may be strengthened by bands E, passed beneath it and secured to the box A. The spout D may be made a little deeper at its discharge-end, to cause the whey to run off freely. This same thing may be accomplished by making the legs B at the discharge-end a little shorter than the others, but I prefer the arrangement first described, as it allows the drainer to stand level. The discharge-end of the spout D may be provided with a gate, stop-cock, or other device to enable it to be closed when desired. The spout D may be made in one piece with the lining C if desired. F are the screens or strainers, which are made of finely-perforated sheet metal or fine wire-gauze, attached to a sheet-metal frame, which is fitted into the slot in the bottom of the drainer A C. The screen F may be strengthened with a wooden frame if desired, and they are made in two or more parts or sections, so that they may be conveniently taken out and put in, as required.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The improved cheese-curd drainer, having the sheet-metal lining C extended through the discharge-slot and secured to, or formed solid with, the discharge-spout D, and the strainer F arranged in said slot, all as shown and described.

JONAS WILDER.

Witnesses :

JAMES T. GRAHAM,
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