

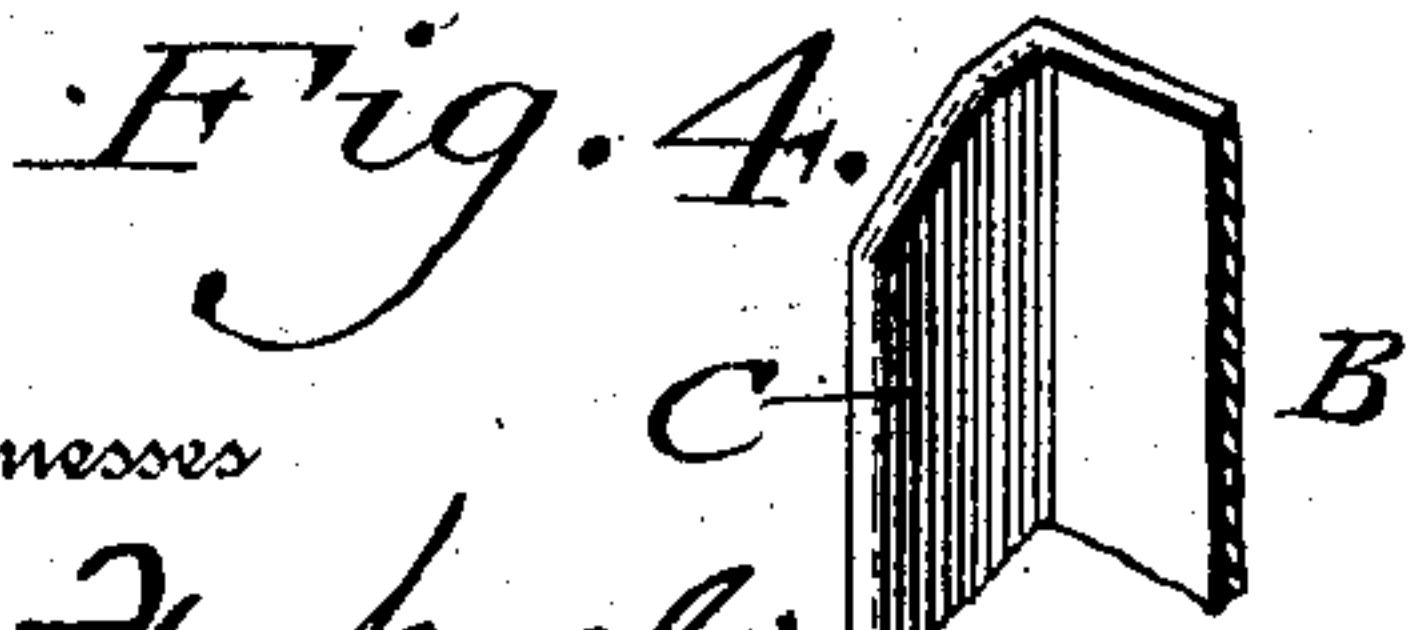
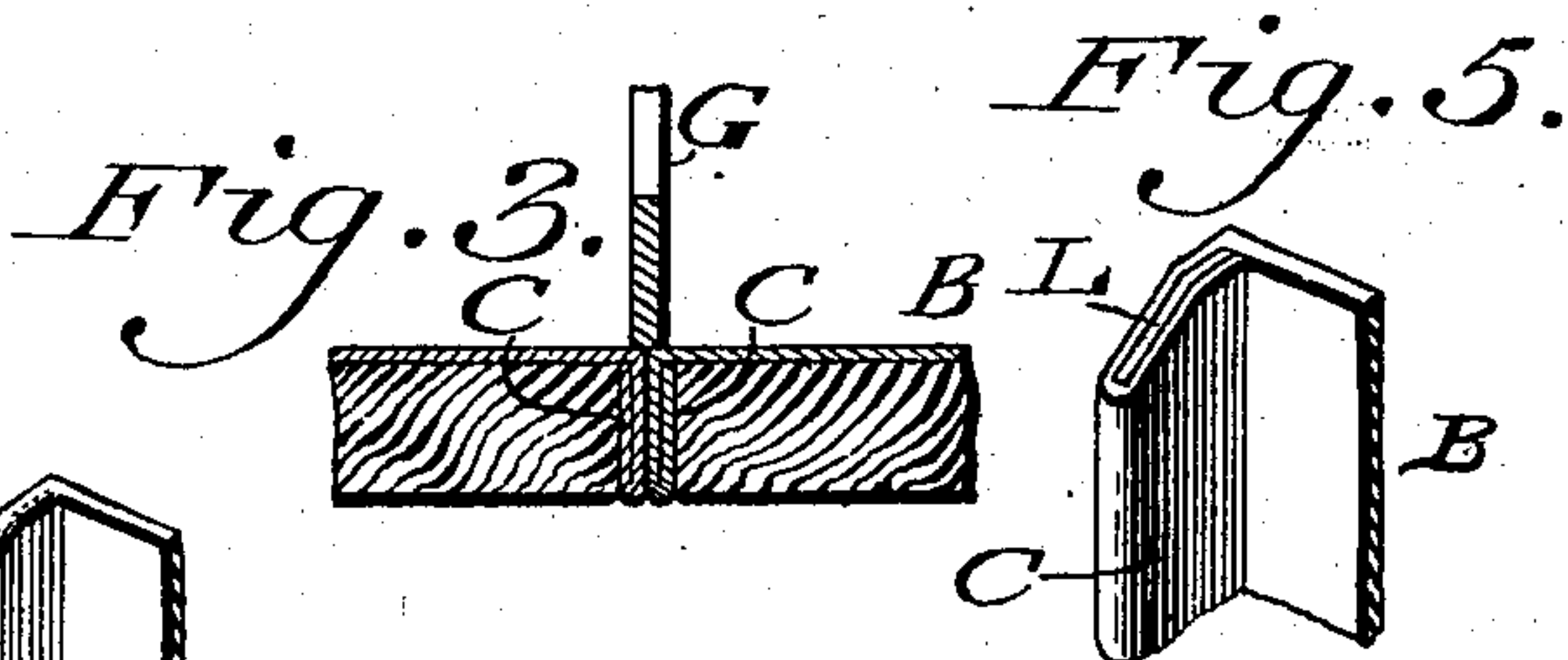
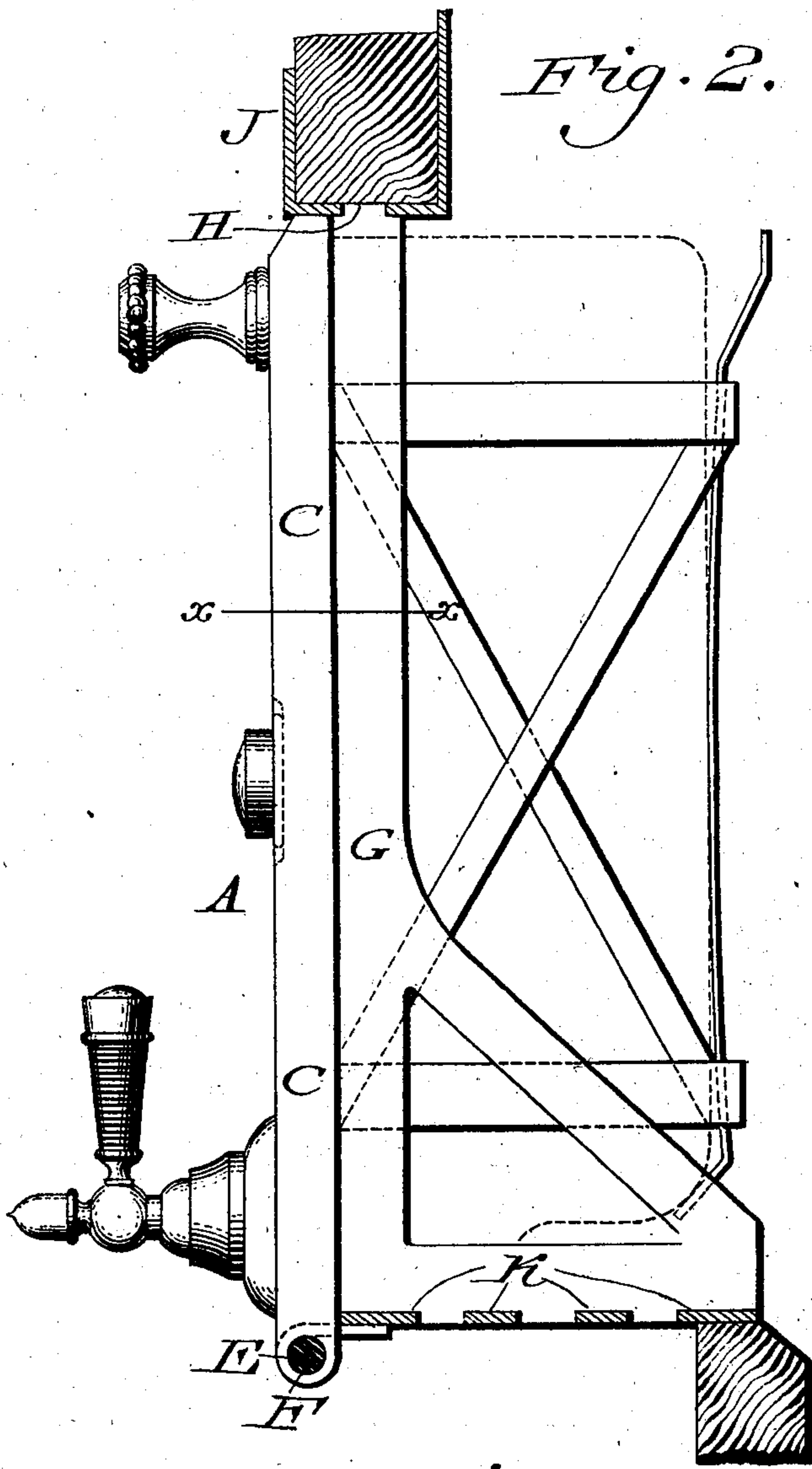
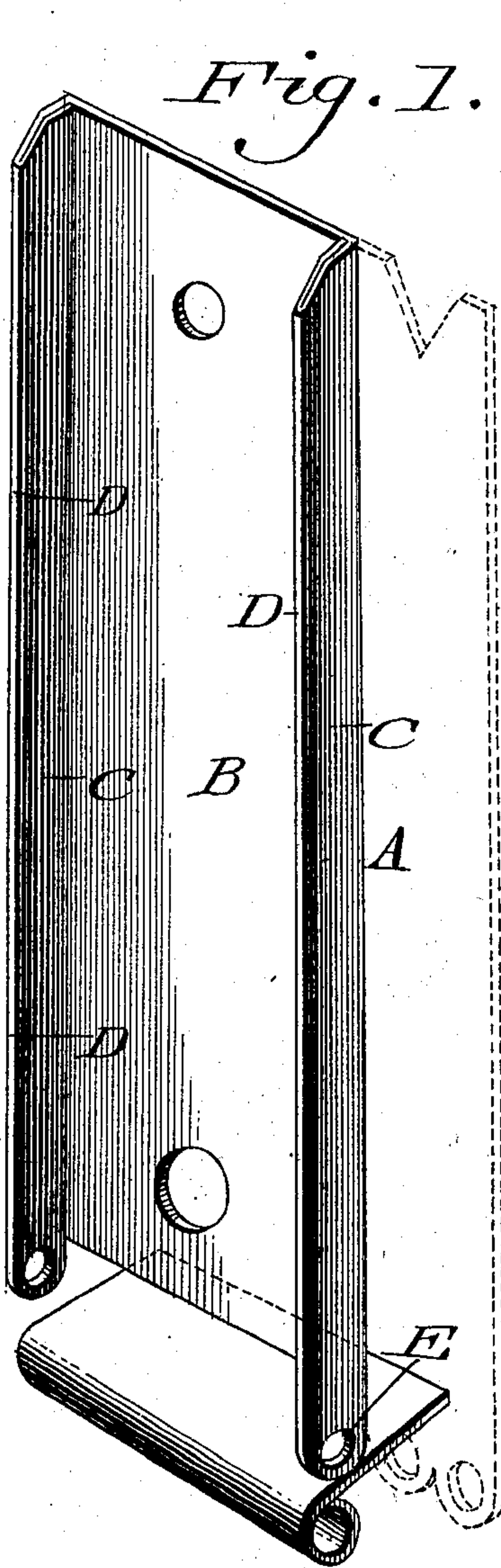
No. 702,132.

Patented June 10, 1902.

R. M. GREEN, JR.
SODA WATER APPARATUS.

(Application filed Feb. 25, 1901.)

(No Model.)



Witnesses

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UNITED STATES PATENT OFFICE.

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A FIRM.

SODA-WATER APPARATUS.

SPECIFICATION forming part of Letters Patent No. 702,132, dated June 10, 1902.

Application filed February 25, 1901. Serial No. 48,764. (No model.)

To all whom it may concern:

Be it known that I, ROBERT M. GREEN, Jr., a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Soda-Water Apparatus, of which the following is a specification.

My invention consists of improvements in soda-water apparatus embodying the construction of the face-plates or doors of the syrup-jar openings, whereby lighter metal may be employed in the construction thereof and the sides of the plates are vastly strengthened and present smooth and uncut edges of any desired thickness without appreciable increase in weight of the face-plate.

Figure 1 represents a perspective view of a face-plate or door embodying my invention. Fig. 2 represents a side elevation thereof, including adjacent portions of a common type of syrup-jar holder. Fig. 3 represents a horizontal section of a portion on line *x x*, Fig. 2. Figs. 4 and 5 represent perspective views of portions of modifications.

Similar letters of reference indicate corresponding parts in the figures.

Referring to the drawings, A designates a face-plate for closing a syrup jar or tank opening and to permit access thereto to said jar or tank, said face-plate being constructed of a piece B of metal or other suitable material, the sides C of which are folded in longitudinal direction on themselves, the folds D being in front. By this construction said sides are duplex and reinforced and possess increased strength, while admitting of the plate being made of lighter metal than heretofore, the folds also presenting a smooth and uncut edge and finish of any desired thickness—double, triple, &c., accordingly as the metal is folded and refolded upon itself. The lower portions of the sides C have eyes E therein for the pintle or shaft F, whereby the face-plate is permitted to swing or tilt, as on a hinge or axis, said shaft being connected with the casing or frame of the apparatus in any suitable manner.

G designates a partition between the jar-holders, the same being usually secured by the tenons H to the adjacent portions of the top bar J of the frame or casing and the bottom K thereof.

L designates a filling-piece, which is in-

serted between the members of the duplex sides as additional stiffening or reinforcing and to increase the thickness of the edge shown without necessitating more than one folding. An edge of any desired thickness may be attained by increasing or decreasing the thickness of this filling-piece.

In Fig. 4 I show the tops of the sides C with the folds of metal brazed together and plated, thus rendering the jointing invisible.

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

1. In a soda-water apparatus, having an opening to permit access to the syrup-tanks, a face-plate or door for said opening with a side or edge thereof of two or more thicknesses of metal folded on themselves, and means for connecting the axis of said plate or door with the folded side.

2. In a soda-water apparatus, having an opening to permit access to the syrup-tanks, a face-plate or door for said opening with the sides or edges thereof folded or refolded on themselves, and means on said folded sides for supporting said plate or door on its axis.

3. In a soda-water apparatus having an opening to permit access to the syrup-tanks, a face-plate or door for said opening with a side or edge thereof of two or more thicknesses of metal folded on themselves, and an axis connected with the folded side.

4. In a soda-water apparatus having an opening to permit access to the syrup-tanks, a face-plate or door for said opening with a side or edge thereof folded on itself, and a filling-piece between the folds, and means for connecting the axis of said plate or door with the folded side.

5. In a soda-water apparatus having an opening to give access to the syrup-tanks, a face-plate or door for said opening with the sides or edges thereof folded or refolded on themselves with a filling-piece under or between the folds presenting uncut edges at the front of said door, and means on the folded sides for sustaining said plate or door on its axis.

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Witnesses:

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