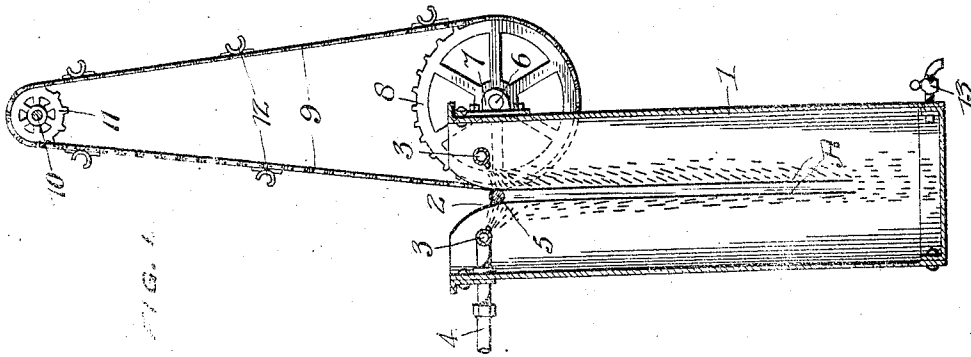
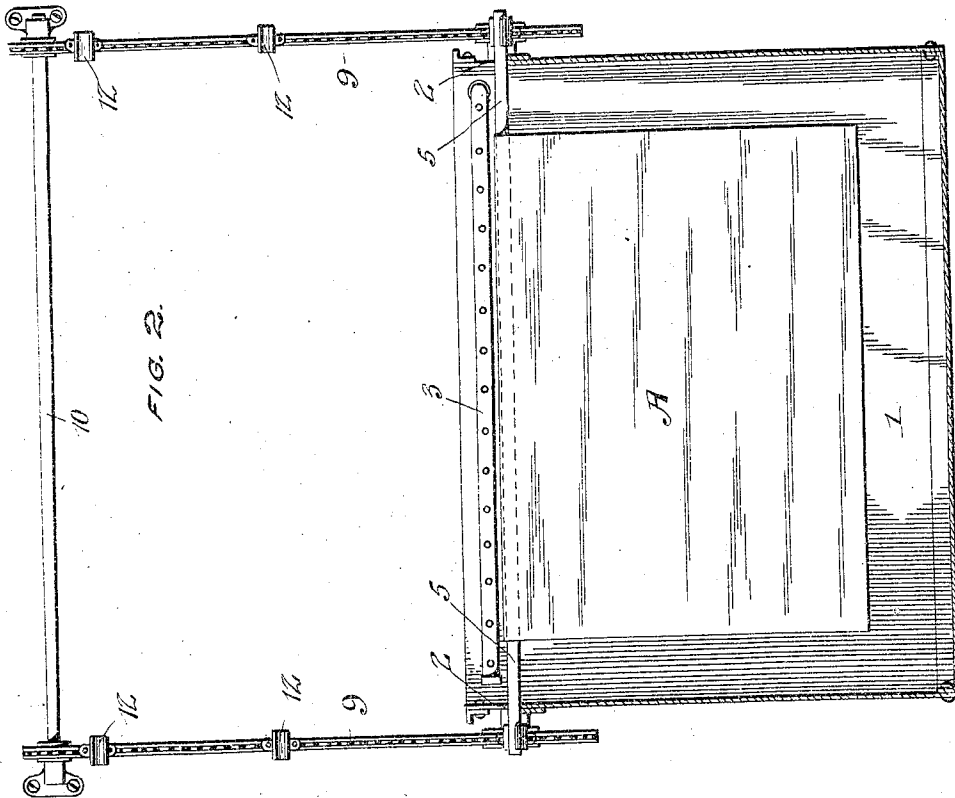


APPLICATION FILED NOV. 23, 1908.

Patented Sept. 7, 1909.

933,640.



WITNESSES

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HENRY C. GAWLER, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE C. F. PEASE BLUE PRINT MACHINERY AND SUPPLY COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

BLUE-PRINT WASHER.

933,640.

Specification of Letters Patent.

Patented Sept. 7, 1909.

Application filed November 23, 1908. Serial No. 464,193.

To all whom it may concern:

Be it known that I, HENRY C. GAWLER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Blue-Print Washers, of which the following is a specification.

My invention relates to blue print washers, and the object thereof is to provide a simple and inexpensive apparatus for washing prints, which will wet the printed side of the paper only.

In the accompanying drawing illustrating my invention, and forming a part of this specification, Figure 1 is a transverse vertical sectional view taken through my improved device, and, Fig. 2 is a longitudinal vertical sectional view taken through the same.

In the practical embodiment of my invention, I provide an elongated relatively narrow tank 1, provided with vertical slots 2 in its ends, and extending for a short distance from the upper edge thereof. Arranged longitudinally within the tank 1, adjacent the upper edges thereof, and in parallel relation upon each side of its said slots 2, are perforated pipes 3, to which an inlet pipe 4 is lead, to supply the same with the washing fluid, said pipes being so arranged as to spray the said washing fluid downwardly and toward one another. The supporting rod 5 is adapted for insertion longitudinally of the tank 1, between said perforated pipes 3, and engaging within and resting upon the base of said tank slots 2, said rod 5 being of substantially greater length than the said tank, whereby the ends thereof project outwardly beyond said tank slots 2, and form handles whereby the same may be readily placed within, and removed from the said tank. The supporting rod 5 is adapted to receive a print A centrally folded thereover, and hung thereon with its printed surface outermost, to be exposed to the spray from the perforated pipes 3, when said supporting rod is inserted in position shown in the drawings.

In order to readily manipulate the insertion and removal of the print supporting rod 5, I may provide a shaft 6 journaled through brackets 7 upon one side of the tank 1, adja-

cent its upper edge, upon the ends of which shaft 6 beyond the ends of said tank 1, are securely mounted sprockets 8, connected by sprocket chains 9, to the sprocket wheels 11 mounted upon a parallel shaft 10, suitably journaled above said shaft 6, which chains 9 are provided with semicircular cups 12, equidistantly spaced thereon and adapted in their path of movement actuated by the rotation of either of said shafts 6 or 10, to engage the outwardly projecting ends of the print supporting rods 5, as shown in Fig. 2. Thus by the movement of the sprocket chains 9, a print supporting rod may be raised upwardly from the tank 1, and after its removal from said chains, another rod carrying a fresh printed sheet, may be placed in connection therewith, and lowered into said tank by reverse rotation of said chains.

I provide the tank 1 with a discharge cock or faucet 13, at the base thereof, in order to prevent the same from retaining the washing liquid thrown therein from pipes 3.

Having fully described my invention, I claim:

1. In a blue print washer, the combination of a tank, parallel perforated pipes arranged therein, to spray a liquid toward one another, and a print holding member supported between said pipes and adapted for the reception of a print centrally folded thereover, and hung thereon with its printed surface outermost, and exposed to the said liquid spray, substantially as described.

2. In a blue print washer, the combination of a tank, provided with an outlet at the base thereof, parallel perforated pipes arranged therein to spray a liquid toward one another, a print holding rod adapted for the reception of a print centrally folded thereover, its printed surface outermost, and means carried by said tank for supporting said rod therein, between said perforated pipes, substantially as described.

3. In a blue print washer, the combination of a tank having an outlet at the base thereof, and provided with vertical slots in its ends at the upper edges thereof, parallel perforated pipes arranged within said tank, extending between the ends thereof at each side of said slots, to spray a liquid toward one another, a print holding member sup-

ported within said tank slots, and having its ends projecting beyond the same, and adapted for the reception of the print centrally folded thereover and hung thereon with its
5 printed surface outermost and exposed to the said liquid spray, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY C. GAWLER.

Witnesses:

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MARTHA V. PEASE.