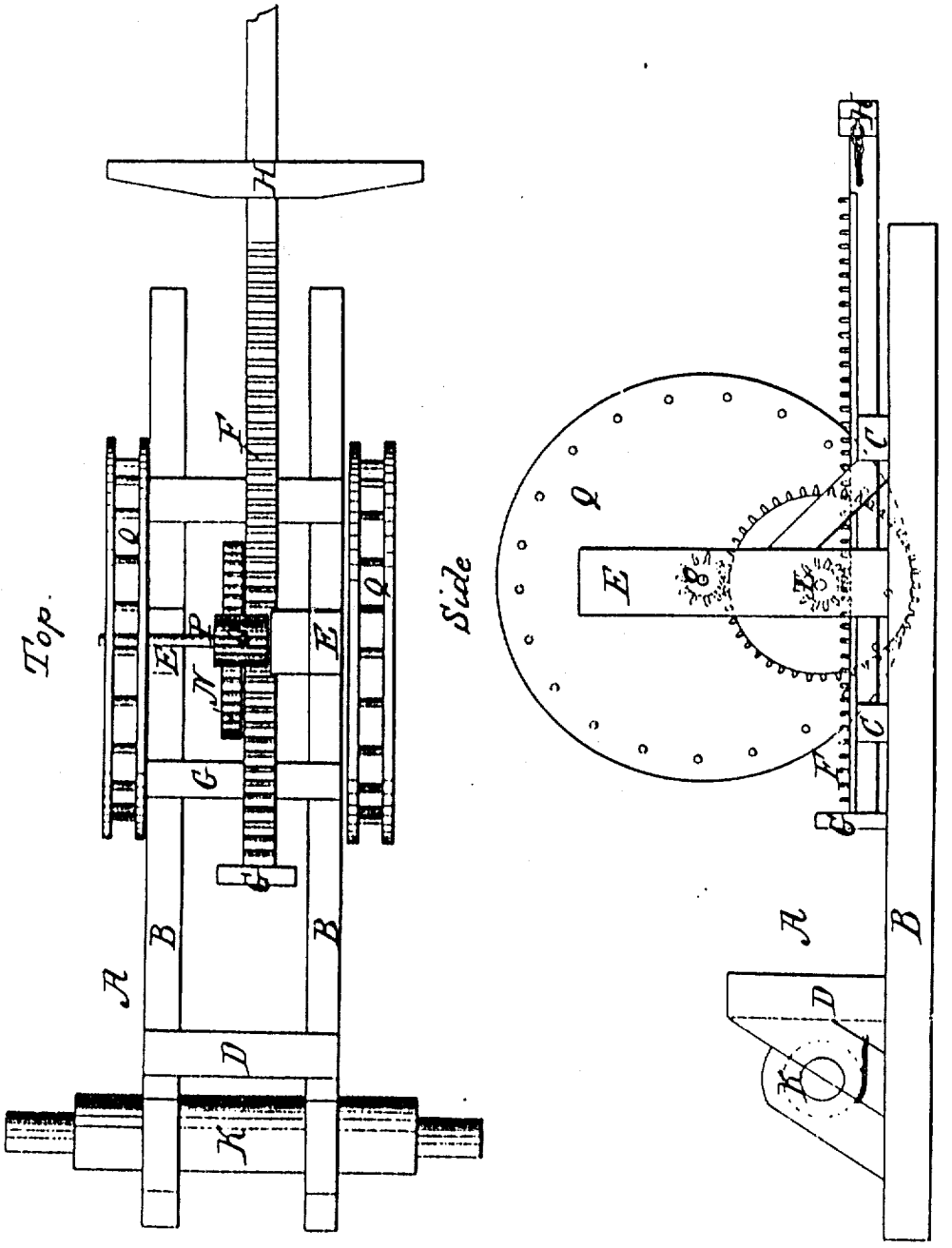
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J. Weems,

Tobacco Press.

Patented Dec. 15, 1835.



A.M. PHOTO-LITHO CO. N.Y. (OSBORNE'S PROCESS)

9292X

Dec. 15, 1835

John W. Weems

Letters Patent.

The Schedule referred to in these Letters Patent, and making part of the same, containing a description in the words of the said John W. Weems himself, of his improvement in the press for pressing tobacco and other substances.

Be it known, that I, John W. Weems, of West river, Anne Arundel county, State of Maryland, have made an improvement in the said art; being a Machine for pressing Tobacco and other substances, called "Weems' Tobacco Press" which is described as follows, reference being had to the annexed drawings of the same making part of this specification. This press consists of a strong frame, A, resting upon the ground, composed of two sills B, of suitable size and strength, placed parallel to each other, and connected together by suitable cross pieces C. Near one end of the frame is erected the head block D, against which the hogshead rests in which the tobacco is placed, and to every thing by proper braces & framing, and in the rear of this head block is a windlass H, to assist in the operation of pressing. Near the centre of the frame are erected two strait uprights E, mortised, tenoned and braced into the sills, to receive & support the gearing. A cogged driver I, having a round piston G, on one end for pressing the tobacco into the hogshead, works longitudinally between these uprights. At the other end of the driver, is an arm K, to which are attached chains leading to the windlass, for assisting in the operation of pressing. The gearing consists of a small pinion L, fixed on a shaft, running in suitable boxes in the uprights, which pinion works in the cogs of the driver, & propells it horizontally, on this shaft is a large cog wheel M, into which works another small pinion O, fixed on a shaft P, running in boxes in the uprights, & whose ends project beyond each side of the upright sufficiently far

to

to admit one or two driving or lead wheels Q to be fastened there on for propelling the piston Operation— The mover being now back, the hogshead into which the tobacco is to be pressed, is laid longitudinally upon the frame, with its bottom against the head block— there a longeare, or one or more other hogsheads, are placed in front of the one into which the whole is to be pressed the tobacco to be pressed, being previously hand packed into these several hogsheads;— the large lead wheel is then turned which turns the small pinion on its shaft; this turns the large cog wheel upon whose shaft is fixed the other small pinion;— this works in the cogs of the driver, and propels it with the piston against the tobacco, & presses it into the last hogshead; the driver is then run back— the filled hogshead removed, & another hogshead put in its place, and the operation continued as before.

What I claim as my invention, & which I desire to secure by Letters Patent, consists in the before described press for pressing tobacco, and other substances.

Witnesses
H.G.Co
G. W. Taylor.
Wm. P. Elliot.

John W. Deering.

5401.

(Granted December 15. 1835).

Drawing