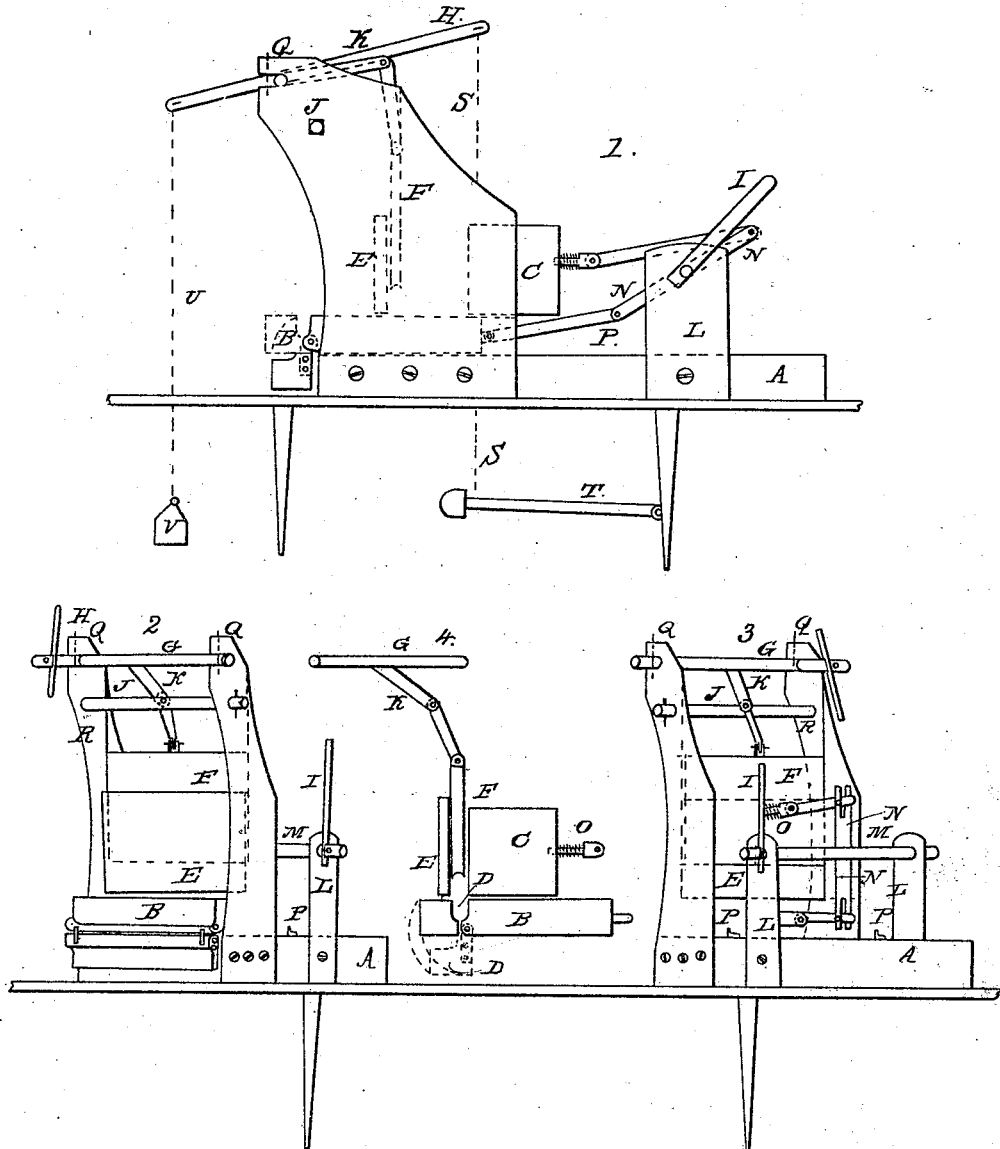


H. PEIRCE.
Cigar Machine.

No. 4,885.

Patented Dec. 10, 1846.



UNITED STATES PATENT OFFICE.

HOSEA PEIRCE, OF WINCHESTER, NEW HAMPSHIRE.

IMPROVEMENT IN MACHINES FOR MAKING CIGARS.

Specification forming part of Letters Patent No. 4,885, dated December 10, 1846.

To all whom it may concern:

Be it known that I, HOSEA PEIRCE, of Winchester, in the county of Cheshire and State of New Hampshire, have invented a new and useful machine for the Manufacture of Cigars; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a lateral view. Figs. 2 and 3 are perspective views of each end. Fig. 4 is a view of the inner parts of machine.

A represents the bottom board; B, the under slide; C, the upper slide; D, the mold and hinge; E, a stop back of the gate. F represents the gate; G, the main shaft; H, lever attached to the main shaft; I, lever attached to back shaft; J, a stay passing through the machine; K, arm of the main shaft; L, standards for the back shaft. M represents the back shaft; N, the arms of the shaft; O, a spiral spring attached to the upper slide, C; P, small stops for the under slide, B, to ply against; Q, small pins to retain the main shaft in its proper position; R, a groove in which the gate slides; S, a line from the lever of the main shaft H to a foot-pedal, T; T, the pedal used by the foot; U, a line extending from the lever H to a weight; V, the weight.

The operation is such that by acting upon the lever I of the back shaft, rotating it forward, the upper slide, C, is thrown against the gate F, which being in a raised position, the charge of tobacco previously thrown in is carried directly under the gate F, and in the same motion the under slide, B, is drawn back against the stops P, which brings the mold D directly under the gate F. Then, by depressing the foot-pedal T, it brings down the gate F, forcing the tobacco into the mold D. Then, by raising the foot, the weight V, acting upon the lever H, raises the gate F. Then, by throwing the lever I back, it brings back the upper slide, C, and throws the under slide, B, forward to the end of the machine; the mold falls open, and the core of the cigar is ready to receive the wrapper.

What I claim as my invention, and desire to secure by Letters Patent, is—

The lower slide, with its hinged matrix, in combination with the upper slide, C, stop E, and gate F, arranged and operating substantially in the manner and for the purpose herein set forth.

HOSEA PEIRCE. [L. s.]

Witnesses:

HORACE CHAPIN,
ANN B. CHAPIN.