J. THOMPSON.

CIGAR MACHINE.

No. 46,404. Patented Feb. 14, 1865.

Fig. 1.

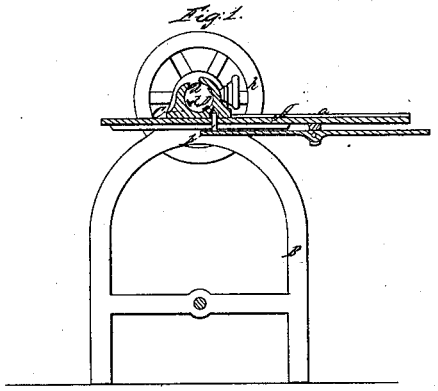
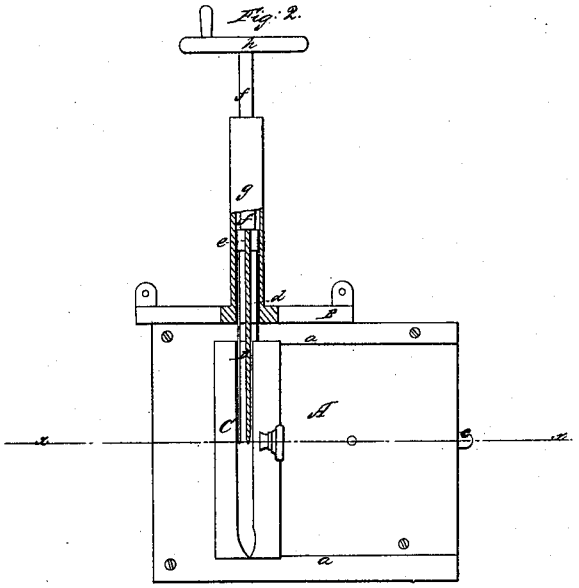


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

J. THOMPSON, OF NEW YORK, N. Y.

IMPROVED CIGAR-MACHINE.

Specification forming part of Letters Patent No. **46,404**, dated February 14, 1865.

To all whom it may concern:

Be it known that I, J. THOMPSON, of the city, county, and State of New York, have invented a new and Improved Cigar-Machine; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a transverse vertical section of this invention, the line *x x*, Fig. 2, indicating the plane of section. Fig. 2 is a plan or top view of the same.

Similar letters of reference indicate corresponding parts.

This invention consists in an adjustable mold, in combination with a longitudinally-sliding revolving fork, in such a manner that the filler can be readily placed in the mold and pressed, and by the action of the revolving fork the wrapper can be applied while the filler is in the mold, and the cigar can be finished entirely by the machine in little time.

A represents a table or platform, made of cast-iron or any other suitable material, and supported by legs B, of any desirable form or shape. The platform A supports the mold C, which is made of two parts—one stationary and the other movable. The movable part slides back and forth between guide-strips *a* on the platform, and when it closes up to the stationary jaw it is locked by a catch, *b*, which is operated by a lever, *c*. By raising the outer end of this lever the catch is depressed and the movable jaw is free to move on the platform; but by depressing the outer end of said lever when the jaw is closed the catch is caused to drop into a socket in the lower surface of said jaw and the mold is locked. The interior of the mold is shaped according to the cigars to be produced, and it is intended to receive the filler. In order to introduce said filler, the mold is opened and the tobacco is placed between the two jaws; and by pushing the movable jaw up against the stationary jaw the tobacco is compressed in the mold. After this has been accomplished the fork D is introduced. This fork consists of four (more or less) prongs, *d*, which are secured to a head, *e*, mounted on the end of a shaft, *f*, and said shaft has its bearing in a tube, *g*, projecting from the end of the table A, as clearly shown in Fig. 2. A hand-wheel, *h*, mounted on its outer end, serves to push said shaft in and out and to impart to it a revolving motion. During the time the filler is adjusted in the mold the fork is withdrawn; but when the filler is ready said fork is pressed in, causing the prongs *d*, which are made of thin strips of sheet-steel, to pass between the inner surface of the mold and the filler, and the wrapper is applied. This operation is accomplished by turning the shaft *f* with one hand and holding the leaf intended for the wrapper to the open end of the mold, causing it to catch between the prongs of the fork. By the revolving motion of the fork the wrapper is carried in and drawn round the filler, and by moving the hand holding the wrapper along on the mold with the requisite speed said wrapper is laid on properly and the cigar is finished, nothing being required after the same leaves the machine but to cut it to the proper length.

By this machine, unlike other machines heretofore used, the tip of the cigar is finished, and much saving in time and labor is effected.

I claim as new and desire to secure by Letters Patent—

The adjustable mold C, in combination with the longitudinally-sliding revolving fork D, constructed and operating substantially as and for the purpose set forth.

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Witnesses:

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