

No. 725,122.

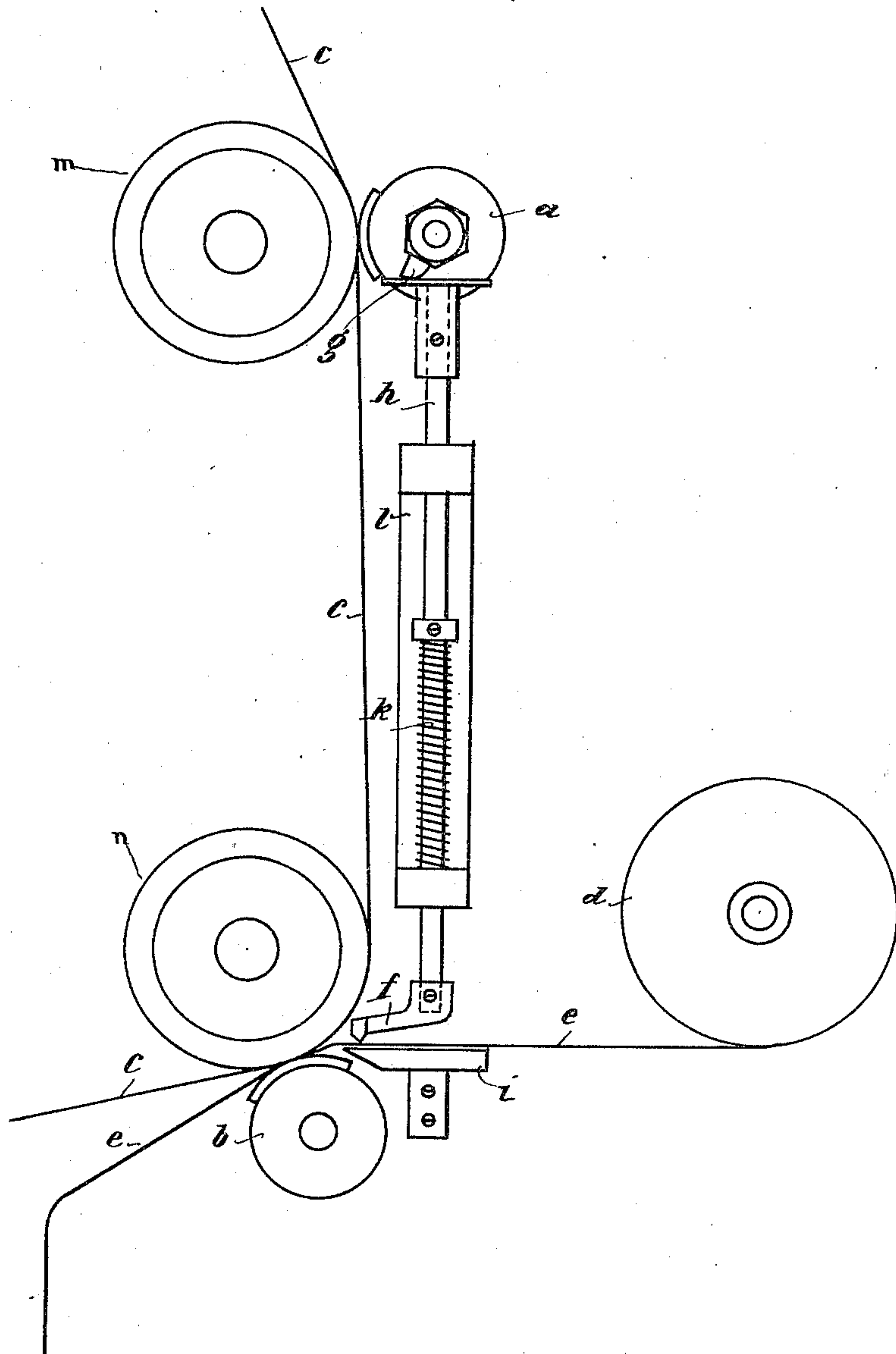
PATENTED APR. 14, 1903.

M. NAST.

MEANS FOR PROVIDING CIGARETTE PAPER WITH TIPS.

APPLICATION FILED MAR. 23, 1901.

NO MODEL.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

MARTIN NAST, OF MUNICH, GERMANY.

## MEANS FOR PROVIDING CIGARETTE-PAPER WITH TIPS.

SPECIFICATION forming part of Letters Patent No. 725,122, dated April 14, 1903.

Application filed March 23, 1901. Serial No. 52,512. (No model.)

*To all whom it may concern:*

Be it known that I, MARTIN NAST, a subject of the German Emperor, and a resident of Munich, Germany, have invented Improved Means for Providing Cigarette-Paper with Tips, of which the following is a full, clear, and exact specification.

The object of the present invention is to provide a contrivance which in the manufacture of cigarettes, cigarette-envelops, and cigarette-paper with gold mouthpieces admits the continuous paper strip as it is used for manufacturing cigarettes and cigarette-envelops made by a machine to be covered with gold-foil or some other appropriate metal foil, at certain intervals, while the operation is not interrupted. This is accomplished in such a manner that places of the paper slip are covered at first, by means of a crank-shaft, with color or with adhesive substances, whereupon foliated gold wound off from a bobbin is pressed with the aid of a second crank-shaft upon these covered places, which foliated gold travels with the same speed as the paper strip the moment that it is pressed on, while it is secured and prevented from moving farther by a knife the moment that it is no longer pressed by the second cranked shaft against the moving strip of paper.

The arrangement shown in the accompanying design represents a side view of the construction of this contrivance.

*a* and *b* are the two crank-shafts. They travel at the same speed and turn in the same direction, and their cranks have the width of the piece to be covered with gold. The shaft *a* covers the traveling strip *c* with color or with adhesive substance, which can be supplied to it from several rollers. The roller *b* presses the foliated gold *e*, wound off from the bobbin *d* and supported also by a paper strip, upon the places which had been previously coated with color or with adhesive substance. The securing of the strip of foliated gold at the given moment is caused by the

knife *f*, which by means of the projection *g*, fastened upon the pivot of shaft *a*, is pressed with the aid of rod *h* upon the table *i*. The spring *k* lifts the knife again, whereupon during the next revolution the crank of shaft *b* takes again along the strip *e*. The plate *l*, bent in the form of a U, is the guide for the rod *h*, attached to the back side of the pressing apparatus. Instead of foliated gold any other foliated metal can be used.

The whole above-described contrivance needs not form a separate machine, but can be built, for instance, into the apparatus required for printing the cigarette-paper, &c.

I claim—

1. In combination a continuously-operating roller *m*, a paper strip passing over the same, a roller *a*, having a gumming portion for intermittently applying adhesive material to said strip, a second roller *n* around which the paper strip passes, a roller *b* having a raised pressing portion, means for feeding a strip of foil between said rollers whereby it is intermittently pressed against the paper strip by said raised portion, and foil severing and holding means controlled by the rotation of the roller *a*, substantially as described.

2. In combination a continuously-operating roller, a paper strip passing over the same, a roller having a gumming portion for intermittently applying adhesive material to said strip, a second roller around which the paper strip passes, a roller having a raised pressing portion, means for feeding a strip of foil between said rollers whereby it is intermittently pressed against the paper strip by said raised portion, foil holding and severing means, and means for operating the same in proper relation to the rotation of the gumming-roller.

In witness whereof I have hereunto set my hand in presence of two witnesses.

MARTIN NAST.

Witnesses:

RUDOLPH W. HÜBL,  
SIGMUND FALK.