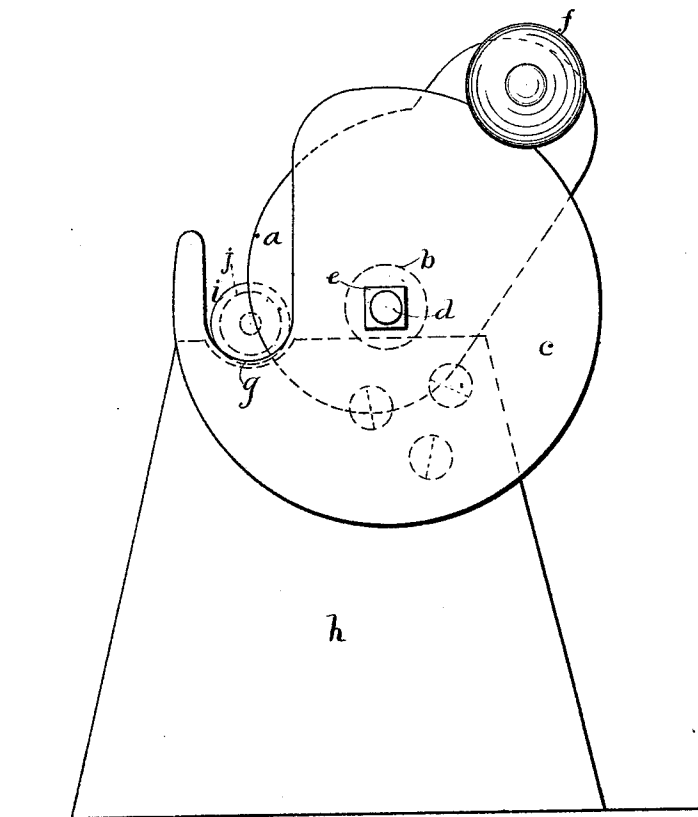


F. WINKLER.
CIGAR-CUTTER.

No. 183,999.

Patented Oct. 31, 1876.



Witnesses:

Paul Winkler.
John P. Doulin.

Inventor:

Frank Winkler

UNITED STATES PATENT OFFICE.

FRANK WINKLER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN CIGAR-CUTTERS.

Specification forming part of Letters Patent No. **183,999**, dated October 31, 1876; application filed November 1, 1875.

To all whom it may concern:

Be it known that I, FRANK WINKLER, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Machine for Cutting off Cigars, which machine is fully set forth in the following specification, reference being had to the accompanying drawing.

The object of my invention is to cut off cigars with an eccentric knife, *a*, revolved by a heavy handle, *f*, rendering it unnecessary to use a spring. The blade *a* revolves on a washer, *b*, held by and between two circular plates, *c c*, which are clamped to and against the washer *b* on a screw, *d*, by and between two nuts, *e e*, which, in conjunction with the two circular plates, *c c*, guides and supports the thin blade *a* when turned by the revolving

handle *f*. The circular plates *c c* have notches *g g*, corresponding in shape to a groove in the block *h*, to which the inside plate is fastened by three screws. The length of the cigar is determined by a gage, *i*, having a check-nut, *j*, to keep it in place.

I claim as my invention—

The combination, in a cigar-cutting machine, substantially as described, of an eccentric revolving knife turning on a washer clamped between two circular plates for guiding and supporting the blade when turned by a heavy revolving handle with a gage for determining the length of the cigar.

FRANK WINKLER.

Witnesses:

PAUL WINKLER,
JOHN P. DONLIN.