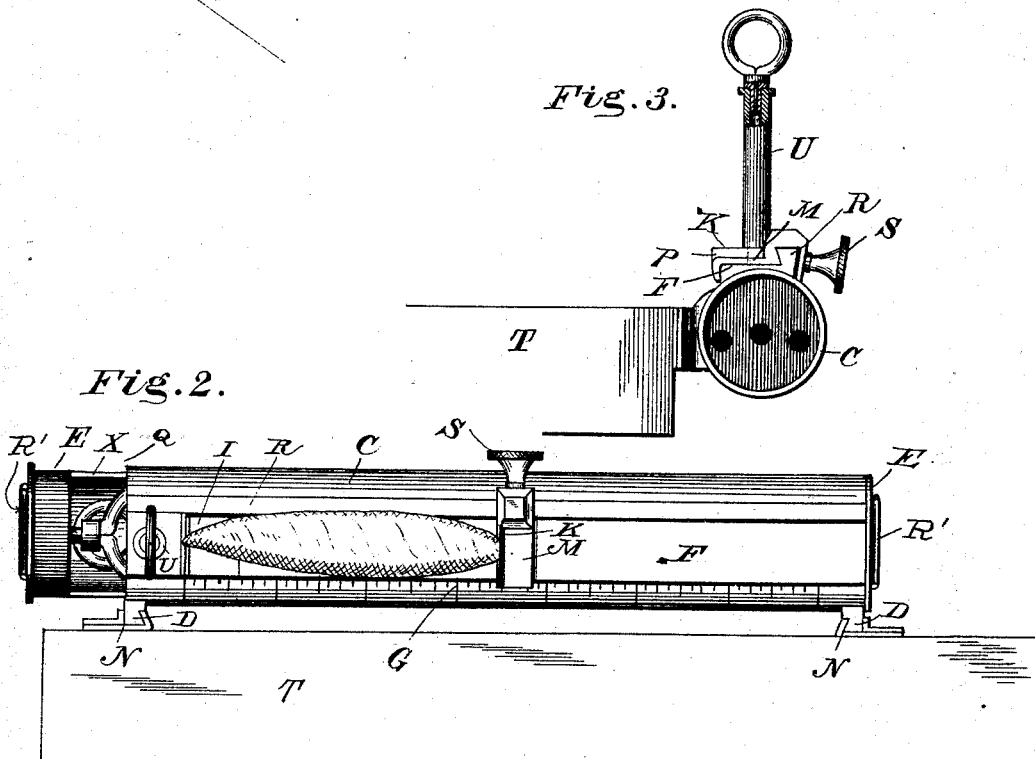
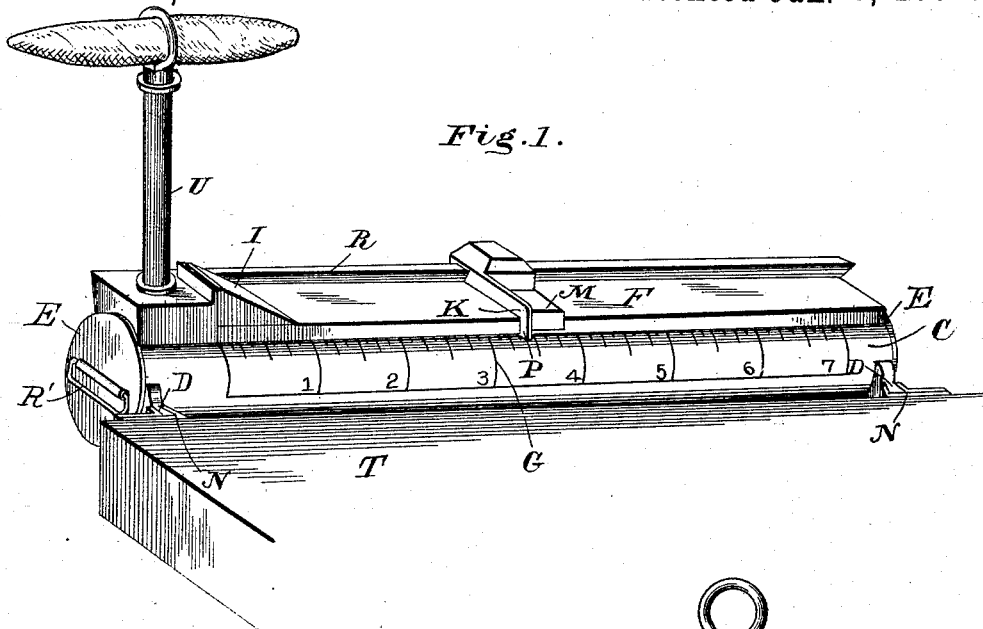


(No Model.)

C. S. B. MOFFAT & J. A. MESSINA.  
CIGAR MAKER'S GAGE.

No. 489,025.

Patented Jan. 3, 1893.



Witnesses

*Jul. McKee, Jr.*  
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By their Attorneys,

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# UNITED STATES PATENT OFFICE.

CHARLES SAMUEL BARON MOFFAT AND JOHN ANTONIO MESSINA, OF KEY WEST, FLORIDA.

## CIGAR-MAKER'S GAGE.

SPECIFICATION forming part of Letters Patent No. 489,025, dated January 3, 1893.

Application filed December 14, 1891. Serial No. 414,987. (No model.)

*To all whom it may concern:*

Be it known that we, CHARLES SAMUEL BARON MOFFAT and JOHN ANTONIO MESSINA, citizens of the United States, residing at Key West, in the county of Monroe and State of Florida, have invented a new and useful Cigar-Maker's Gage, of which the following is a specification.

This invention relates to measuring instruments designed to facilitate the art of manufacturing hand-made cigars; and the object of the same is to produce certain improvements in devices of this character.

To this end the invention consists in the specific details of construction hereinafter more fully described and claimed, and as illustrated on the sheet of drawings, wherein—

Figure 1 is a perspective view of the device as applied to a cigar-maker's table, a portion of which is shown. Fig. 2 is a plan view of Fig. 1. Fig. 3 is a right-hand elevation of the device with the end-piece removed.

Referring to the said drawings, the letter T designates the top of a cigar-maker's board or table which may be of any approved pattern, size, and shape; and to the rear edge of this table is secured a pair of brackets having vertical notches N.

C is a cylinder having near its ends dovetailed projections D adapted to be passed into said notches to hold the cylinder detachably supported by the table. The front face of the cylinder is provided with a gage G, preferably marked to inches and fractions thereof; and the top of the cylinder is flattened as at F and has an inclined portion I near the left end, outside of which an upright U rises from the cylinder, and a preferably dovetailed ridge R rises above the rear edge of the flattened portion and extends the length of the cylinder.

M is a measuring device whose body is shaped to fit loosely over the ridge, the left side of the body having a marker or knife K and its front end having a tongue or projection P which moves over the gage, while through the rear end of the body passes a set-screw S which bears against the back of the ridge and holds the body in adjusted position thereon.

E E are end-pieces having ring-shaped handles R', and each end-piece has a short extension

X adapted to fit into or within its end of the cylinder. One of these extensions is continued, as at Q Fig. 2, into a cup adapted to contain a number of circumferential gages or rings of different internal diameters, and any one of these can be detachably inserted in the upper end of the upright as seen in Fig. 1. The other gages may be kept in the cup when not in use, while the other end of the cylinder may be used to contain tickets, tools, &c. The cylinder and its parts are preferably of metal, while the upright and the gages are preferably of gutta-percha in order to prevent them from fouling with tobacco juice and in order that they can be washed without rusting.

When not in use the entire device can be removed from the notched brackets and carried from point to point.

The uses of this device will be obvious to those skilled in the art. The measuring device M being properly set, the cigar-maker places the finished cigar on the flat face F with its mouth-end upon the incline I, and the other end is borne down upon the knife K to indent the cigar at the point at which it is to be cut off or to so cut off the cigar if the knife be large enough. The cigar is then passed through the gage within which it should fit snugly yet not too tightly, and by this means the diameter of the cigar is measured. To make larger or smaller cigars, the measuring device M is properly adjusted and the desired size of gage is substituted for the one shown.

What is claimed as new is—

1. A cigar-maker's gage, comprising a horizontal cylinder mounted in suitable supports, a gage on the front face thereof, the upper face of said cylinder being flattened and having an incline at one end, a longitudinal ridge at the rear of said face and incline, a measuring device whose body fits over said ridge and is movable thereon and whose front end has a pointed projection moving over the gage, a set-screw through this body bearing against the ridge, a knife rising from the body at the edge thereof adjacent said incline, and a vertically supported removable gage, all as and for the purpose set forth.

2. In a cigar-maker's gage, the combination of an adjustable length-measuring device, consisting of a horizontal cylinder provided with

a gage on the front thereof, a top flattened portion, and projections, brackets adapted to be mounted on a support having a pair of notches therein adapted to be engaged by the  
5 projections on said cylinder, and a measuring device longitudinally adjustable upon said top portion of the cylinder, substantially as described.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

CHARLES SAMUEL BARON MOFFAT.

JOHN ANTONIO MESSINA.

Witnesses:

F. H. BROST,

M. DE LONO.