

UNITED STATES PATENT OFFICE.

ISIDOR BRACH, OF PHILADELPHIA, PENNSYLVANIA.

METHOD OF MAKING CIGARS.

SPECIFICATION forming part of Letters Patent No. 278,769, dated June 5, 1883.

Application filed September 6, 1882. (No specimens.)

To all whom it may concern:

Be it known that I, ISIDOR BRACH, a citizen of the United States, residing at the city and county of Philadelphia, and State of Pennsylvania, have invented certain new and useful Improvements in the Art of Making Cigars, of which the following is a full, clear, and exact description.

The nature of my invention is an improved method of making cigars without the use of binders, whereby a comparatively cheap and free smoking cigar is produced.

To this end I mix intimately with a quantity of filling a weak solution of gum-arabic, or other suitable adhesive substance not having an unpleasant taste or odor. I then take a sufficient quantity of the filling thus prepared to constitute a "bunch," and mold it into the shape of a cigar in the usual molds, and then remove it from the molds and apply the wrapper thereto in the ordinary manner. After the gum has become somewhat dry or set, I roll the cigar lightly over a flat surface in order to loosen the fillers, and thus break up the continuity of the mass, so that the cigar will have a free draft. I make use of the adhesive substance as a substitute for the binders to hold the bunch together previous to putting on the wrapper. Thus I save the expense of the binders, and avoid the uncertainty of

securing a free draft as cigars are usually made, owing to the compression of the filling by the binders.

Instead of using the molds as described, the bunch may be rolled to shape in a piece of cloth or paper, the wrapper being afterward applied, (first removing the cloth or paper,) and when the gum has partially set the cigar is lightly rolled as before.

I do not make any claim generally to the holding together of particles of tobacco by means of a cohesive medium, as that is not new.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The improvement in the art of making cigars, which consists in treating the filling with a thin solution of a suitable adhesive gum, then molding the material into the shape of a cigar, then applying the wrapper in the usual manner, and, when the adhesive substance has become somewhat set or dry, rolling the cigar to separate the fillings, substantially as described.

In testimony whereof I have hereunto affixed my signature this 5th day of September, A. D. 1882.

ISIDOR BRACH.

Witnesses:

JOHN BURKHARDT,
LISLE STOKES.