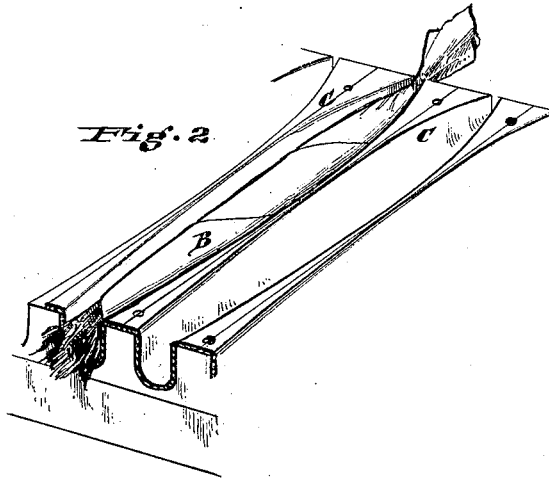
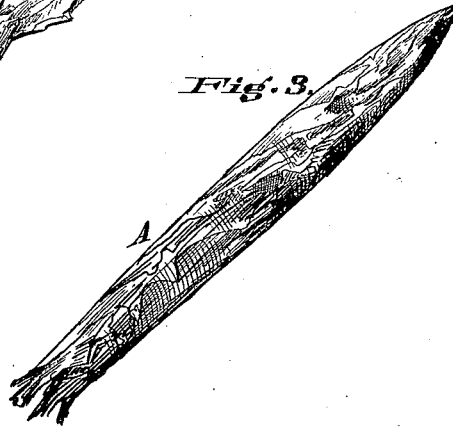
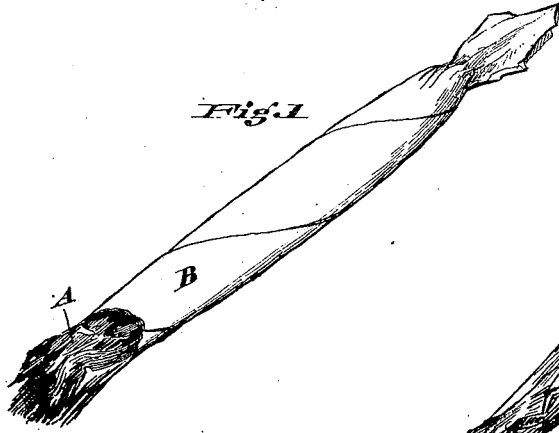


G. W. WRITNER.
MANUFACTURE OF CIGARS.

No. 194,944.

Patented Sept. 4, 1877.



Attest
Walter Knight
L. Blond Burdett.

Inventor
G. W. Writner
By Knight Bros.
Atty's.

UNITED STATES PATENT OFFICE.

GEORGE W. WRITNER, OF CINCINNATI, OHIO, ASSIGNOR OF ONE-HALF HIS
RIGHT TO NAPOLEON DU BRUL, OF SAME PLACE.

IMPROVEMENT IN THE MANUFACTURE OF CIGARS.

Specification forming part of Letters Patent No. 194,944, dated September 4, 1877; application filed
July 3, 1877.

To all whom it may concern:

Be it known that I, GEORGE W. WRITNER, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Process for the Manufacture of Cigars, of which the following is a specification:

Cigars are, it is well known, usually made by first rolling the filling in a portion of leaf-tobacco called the "binder," and, while in a damp condition, these bound cores are sometimes pressed in a mold for the purpose of securing a certain degree of uniformity and precision of shape. These cores, when set, are finally covered with "wrappers" of leaf tobacco.

The purpose of the intermediate binder is to hold the filling and facilitate the after hand process of wrapping or finishing. Its presence in the cigar rather detracts from than adds to its market value; indeed, the best cigars are made without it, but their manufacture necessitates exceptional skill and corresponding expense.

The purpose of my invention is to manufacture cigars without a binder possessing all the qualities of the highest-priced hand-made ones—such, for example, as those called "Cubas"—at a trivial expense, and by comparatively unskilled labor, such as is easily procured in any place.

For this purpose I inclose the filling in a temporary binder of any convenient material—such, for example, as thin Manila paper—and, while so bound, I bring any number thereof to a definite form and size by pressing within a suitable mold, and, after removal from such mold, the thus bound cores are divested of their said binders and finally wrapped in leaf-tobacco by hand, in the usual way.

In the accompanying drawing, Figure 1 represents a bunch or filling, A, enveloped in a paper binder, B, ready to be placed in the mold. Fig. 2 represents such a bound filling placed in the lower member C of any suitable cigar-mold. Fig. 3 represents a core produced by withdrawing such filling from the mold and removal of its binding. Fig. 4 represents the finished cigar produced by inclosing the

said core, by hand, in a wrapper, D, of leaf-tobacco.

I do not claim, broadly, the use of temporary binders, such use having been heretofore suggested in the manufacture of machine-made cores of a straight cylindrical form. This suggestion, however, has never reached any practical results, and differs entirely from my process.

Molds are used extensively in all sections of the country in the manufacture of common and ordinary grades of cigars, and are the means of saving to the manufacturers large sums yearly in labor and tobacco.

In my process of using the temporary binder with the cigar-mold, it will be seen that any crease or fin formed by the act of molding will be wholly confined to the temporary binder, and will be removed therewith, which is of great importance in the manufacture of fine cigars.

A cigar made by my process has all the good qualities of the best hand-made cigars, and is superior in form, and although possessing greater uniformity, cannot be distinguished from hand-work by even the most experienced judges in the trade.

I am aware that it has been proposed to employ temporary wrappers in the manufacture of cylindrical cigars, and I therefore disclaim novelty in the use of such wrappers or binders, save as a part of the process, and in the manner hereinabove described, and for the objects herein specifically designated.

I claim as new and of my invention—

The process of manufacturing cigars of the ordinary tapered shape, consisting in first enveloping the filling in a temporary binder, which filling thus bound is pressed in a mold, removed therefrom, divested of its binder, and finally hand-wrapped, substantially as set forth.

In testimony of which invention I hereunto set my hand.

GEO. W. WRITNER.

Attest:

GEO. H. KNIGHT,
WALTER KNIGHT.