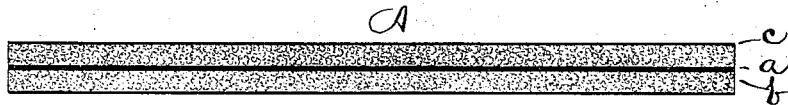


(No Model.)

J. McGOVERN.
CIGAR AND CIGARETTE.

No. 304,438.

Patented Sept. 2, 1884.



Witnesses
Ralph W. Pope.
Carrie E. Davidson

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UNITED STATES PATENT OFFICE.

JOHN McGOVERN, OF LIVERPOOL, COUNTY OF LANCASTER, ENGLAND.

CIGAR AND CIGARETTE.

SPECIFICATION forming part of Letters Patent No. 304,438, dated September 2, 1884.

Application filed May 7, 1884. (No model.) Patented in England September 1, 1883, No. 4,221.

To all whom it may concern:

Be it known that I, JOHN McGOVERN, a subject of the Queen of Great Britain, residing at Liverpool, county of Lancaster, England, have invented certain new and useful Improvements in Cigars and Cigarettes, of which the following is a description.

I find from experiments that if tobacco be flavored with tolu and other flavorings the cigarettes and cigars are much improved; but the difficulty has been to flavor them. If the tobacco is steeped in a solution of the flavoring, the quality is injured, and this is also forbidden in Great Britain, at least by the excise. The drying without also evaporating the flavoring or injuring the tobacco is a difficult operation, and some of the flavorings I employ have a tendency to cause the tobacco to go out, as with the filling of the pores the tendency to smolder is diminished. I find, however, that cotton or linen twisted fiber has a great absorbing effect, and that such material can be impregnated with the flavorings and yet smolder when surrounded by tobacco, especially if it be made in the manner set forth, with a highly-oxygenated body as one of its ingredients. There are several such bodies—nitrate of soda or of potash, chlorate of potash or of soda, or the permanganates. The first mentioned, though the cheapest, causes a moldering to take place in the cigarette, and is therefore inadmissible. The second, under some circumstances, gives out nitrous fumes, so is objectionable. The permanganates and chlorates are therefore to be preferred. The fiber is steeped in an aqueous solution of chlorate of soda or potash or of permanganate of potash and dried. It is then dipped in an alcoholic solution of the flavoring, and dried in such manner as to enable the alcohol given off to be collected and condensed. These two operations may be reversed, or in some cases, where the flavoring material is soluble in water and will not be decomposed by lengthened contact with the oxygenated compound, a combined aqueous solution of the various materials may be employed. The fibrous thread thus prepared is placed in the center of the cigarette or cigar, and thus a pleasant aroma therefrom is emitted as it is being smoked or consumed.

The accompanying drawing is a sectional view of a cigarette, A, made in accordance

with my invention, showing the flavored cord or roll of flavored paper *a* in the center, the tobacco *b* round it, and the ordinary paper envelope, *c*, forming the exterior layer.

The exact quantities of ingredients, and even the ingredients themselves, vary greatly with individual taste. When tolu only, or with a slight addition of lavender, is the flavoring, the need for highly-oxygenated material is not great; but when aromatic gums or incenses of more incombustible or impervious nature are added it is useful to add a highly-oxygenated material, as before described, to give them an equal combustibility with the tobacco.

I do not bind myself to tape or even textile material for an absorbent of the incense, as blotting-paper and other unsized cellulose material will do equally efficaciously, nor to tolu, as there are a great variety of balsams and fragrant resins and gums that are well known to produce a pleasant aroma when allowed to smolder, and the composition of the incense will differ with individual taste, several varieties being sold in one shop—one perhaps tolu only, another tolu and lavender, and so on.

I am aware that it is not new to treat leaf-tobacco with solutions of potash or soda for the purpose of modifying the effects of the nicotine when smoked; also, that it is old to combine aromatic gums and resins with cigars and cigarettes by applying solutions thereof to the tobacco or cigarette-paper, so that they will afford a perfume when the article is consumed; and I therefore do not claim such means, broadly, my invention consisting in adding to the pure tobacco in the interior of a cigar or cigarette a strip of absorbent matter impregnated with an incense.

I claim as my invention—

As a new article of manufacture, a cigar, cigarette, or cheroot of pure tobacco having through it a strip of absorbent matter impregnated with an incense, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

J. McGOVERN,

Witnesses:

WM. P. THOMPSON,
I. O. O'BRIEN.