

United States Patent Office.

A. F. STAYMAN, OF BALTIMORE, MARYLAND.

Letters Patent No. 64,591, dated May 7, 1867.

IMPROVEMENT IN PREPARING SMOKING TOBACCO.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, A. F. STAYMAN, of Baltimore, in the county of Baltimore, and State of Maryland, have invented certain new and useful improvements in the Preparation of Tobacco for Smoking; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

My present invention consists in first reducing tobacco, in any or all of its forms, to a finely divided state, resembling tobacco dust, and then granulating it, by the process described in my patent granted January 15, 1867, in order to prepare it for smoking.

To enable others skilled in the art to use my invention, I will proceed to describe it.

I first take the tobacco leaf, whether with or without the stem, or both combined, and first grind it up for the purpose, either separately or together. Or the tobacco may first be broken up and then ground for the purpose. Or tobacco, in any of its forms, may be reduced to particles of a suitable size, by rubbing, pounding, threshing, or any equivalent mode. After having thus reduced the tobacco to the condition required, I take it and subject it to the granulating process, as described in my patent hereinbefore referred to. Or, if preferred, the material thus produced from tobacco may be mixed with the tobacco waste or dust, in greater or less proportion, and then granulated. The granulating process may be the same or similar to that described in my former patent, that is to say, by simply moistening or mixing the prepared material with water, or with any suitable mucilaginous fluid, which will cause the particles to adhere, and then granulating it by passing it through or over screens or sieves, or perforated plates of any required degree of fineness. Or, it may be found more expedient to mix with the prepared material, pulverized slippery elm bark, gum arabic, &c., and then moistening the mass by the addition of a fluid, or by steaming it, and then granulating it. Or, it may be made into a pasty mass, spread into sheets or cakes, with or without pressure, and then broken up into grains of proper size. It may also be pressed into cakes of the proper size and form to fit into a pipe, or other smoking instrument, the cakes being perforated to cause it to burn more readily, and used in that condition.

It is obvious that any desired aromatic or medicinal substance may be added to compound, either for the purpose of giving to it a pleasant flavor, or for producing a beneficial effect on the organs of the mouth and throat.

Having thus described my invention, what I claim, is—

1. The process herein described of preparing tobacco for smoking.
2. I claim, as a new article of manufacture, the smoking material herein described, whether composed of tobacco proper, or partially of tobacco and partially of tobacco dust combined, when prepared substantially as set forth.

A. F. STAYMAN.

Witnesses:

A. MOISE, Jr.,

W. C. FREEMAN.