

United States Patent Office.

A. F. STAYMAN, OF BALTIMORE, MARYLAND.*

Letters Patent No. 61,275, dated January 15, 1867.

IMPROVED MODE OF UTILIZING TOBACCO DUST.

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 a new and useful Process for Utilizing Tobacco Dust, or waste, and converting the same into smoking tobacco; and I do hereby declare the following to be a full, clear, and exact description thereof.

To enable others to use my invention, I will proceed to describe it.

It is well known that in the handling and manufacture of tobacco, in its various stages, there is produced a large amount of fine refuse material, denominated tobacco dust, and that this dust has heretofore been considered useless as an article of manufacture or commerce, having, practically, no value, except as a manure. This dust possesses the aroma and properties of tobacco, and various attempts have heretofore been made to utilize it by smoking it; but its highly comminuted condition has prevented such use of it as, when attempted, it was difficult, if not impossible, to obtain the requisite draught of air through it, and because, also, the fine particles of the dust would be drawn through the pipe stem into the mouth. To obviate these difficulties, and convert this waste material into an article that can be smoked or otherwise used, is the object of my invention. This I accomplish by compacting or aggregating the fine particles of dust into granules of any desired size, and this I accomplish in a variety of ways. It may be done by simply moistening or mixing it with water, or any other suitable fluid, and then granulating it by passing it through sieves or perforated plates of any required degree of fineness. It may also be done by mixing the dust with any substance that will cause the particles to adhere with or without the aid of a fluid; such, for instance, as pulverized slippery-elm bark, gum-arabic, &c., and then granulating it in any suitable manner. It may also be accomplished by moistening the dust either by the addition of a liquid or by mixing it with any material that is adhesive in its nature, and then permeating the mass with steam, and then granulating it. Or it may be pressed into sheets or cakes, after being properly prepared, and then break these sheets or cakes up into grains or particles of the proper size for smoking. It may also be pressed into cakes of the proper size to fit into a pipe or other smoking receptacle or instrument, these cakes being perforated with small holes for the passage of the air, and thus be smoked in that form. It is obvious that any aromatic or medicinal ingredients may be mixed with the dust, when being prepared, for the purpose of improving its flavor or beneficially affecting the organs of the mouth and throat. By these means I am enabled to utilize a vast amount of otherwise useless material, and thus to add largely to the wealth and resources of the community.

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

1. The utilizing of tobacco dust substantially as herein described.
2. The process herein described of preparing tobacco dust for use.
3. I claim a material for smoking, composed of tobacco dust, prepared in any of the methods herein described, or in any equivalent manner.
4. I claim granulating smoking tobacco, composed of tobacco dust, treated substantially as herein set forth.
5. I claim, as a new article of manufacture, the smoking tobacco, composed principally of tobacco dust, and prepared substantially as herein described, whether the same be used in a granular or solid form.

A. F. STAYMAN.

Witnesses:

W. H. HAYWARD,
RICHARD NALLY.

* Assisted to self by J. G. C. Hodges, & P. J. Murguiondo.