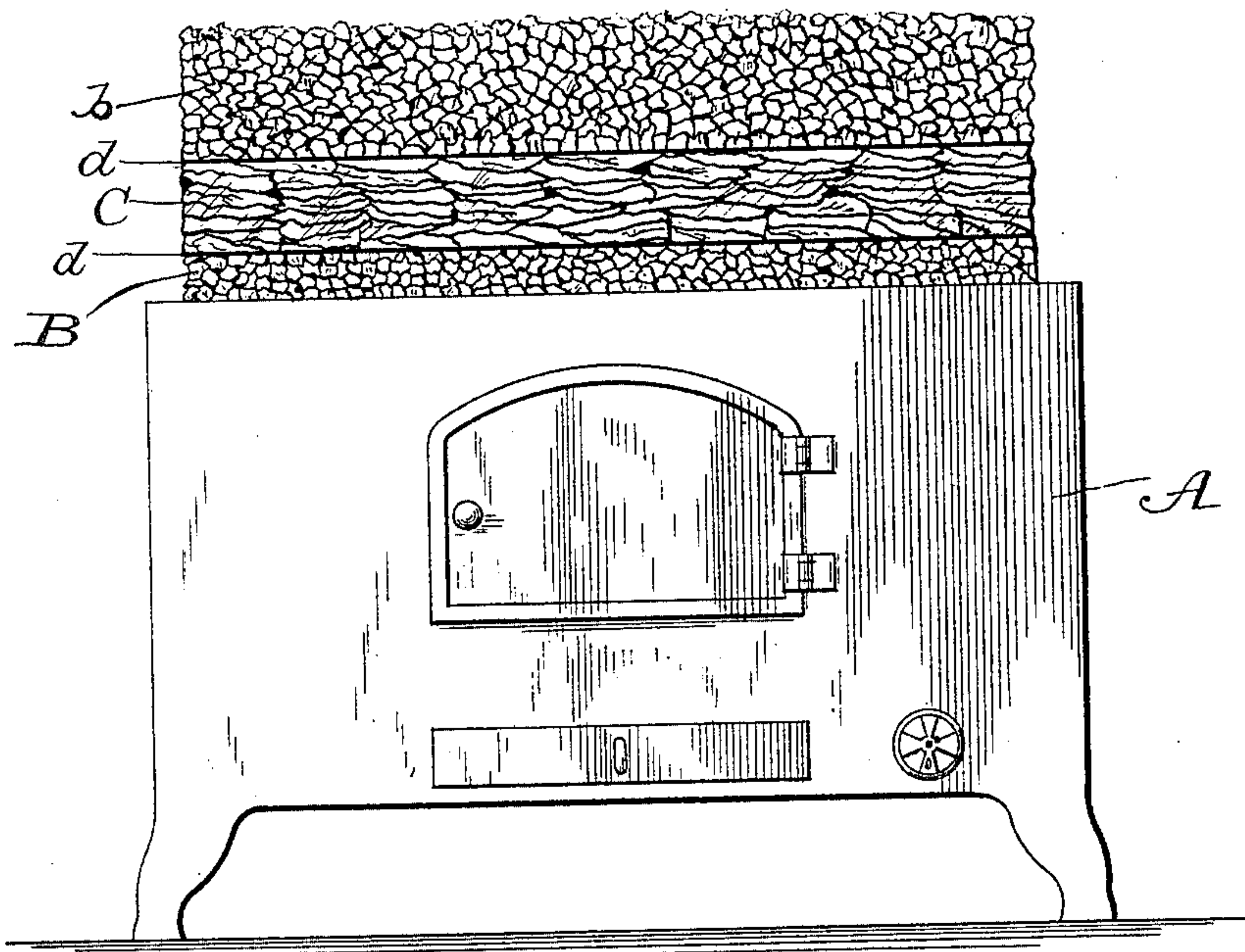


(No Model.)

E. NEUMAN.
PROCESS OF TREATING TOBACCO.

No. 325,110.

Patented Aug. 25, 1885.



WITNESSES

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UNITED STATES PATENT OFFICE.

ETIENNE NEUMAN, OF WASHINGTON, DISTRICT OF COLUMBIA.

PROCESS OF TREATING TOBACCO.

SPECIFICATION forming part of Letters Patent No. 325,110, dated August 25, 1885.

Application filed May 19, 1885. (No model.)

To all whom it may concern:

Be it known that I, ETIENNE NEUMAN, residing at Washington, in the District of Columbia, have invented a new and useful Improvement in the Treatment of Tobacco, of which the following is a specification.

My invention relates to the preparation of tobacco, and has for its object the removal of the deleterious and objectionable oils and flavor therefrom, as hereinafter described, and specifically set forth in the claims.

In the accompanying drawing I illustrate a device for practicing my invention, although I do not herein claim any form of apparatus.

In carrying out my invention I subject the tobacco to heat between layers of wood charcoal, whereby all the objectionable oil of the tobacco is withdrawn and then absorbed by the charcoal.

The charcoal utilized in carrying out my invention is made of the wood of red pine and linden, to which I add for some purposes bone-charcoal and charcoal made from birch-wood and oak.

The charcoal is made in any suitable manner, and is reduced to about the size of peas. It is then thoroughly washed with clean water, so as to remove all dust and loose particles from within its pores. After being cleaned it is then dried by artificial heat or exposure to the atmosphere. The quantity in weight of dried charcoal that I have found about sufficient for each pound of tobacco is, red pine, four drams; linden, three drams. This will withdraw the grosser oils. But sometimes I also employ, in addition thereto, charcoal of birch-wood, five and one-half drams; oak-wood, twelve drams; bone-charcoal, twenty-six drams. The quantities can be varied according to the strength and quality of the tobacco.

Having prepared the charcoal in the manner set forth, I place a layer thereof about one centimeter in depth upon an oven and cover it with a sheet of textile fabric. Upon this

cloth the tobacco is spread, which, in turn, is covered with similar textile fabric, and upon this fabric is spread another layer of the charcoal about three centimeters in depth. The oven is then heated, and all of the objectionable oil is withdrawn from the tobacco.

A is an oven; B, the lower layer of charcoal; *b*, the upper layer thereof; C, a layer of tobacco; *d d*, sheets of textile fabric.

I will observe that tobacco treated according to my process is deprived of its bitter taste and acquires a pleasant flavor; also, that it is much improved in appearance, assuming a gold color much sought after by those who manufacture and use the article.

Having now fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The within-described process of treating tobacco, which consists of the following steps: first, spreading upon the upper surface of an oven wood-charcoal reduced to about the size of peas, from the pores of which all dust has been removed by washing; then covering over said charcoal with textile fabric; then spreading upon said fabric a layer of tobacco; then covering the tobacco with textile fabric; then spreading upon said fabric a layer of divided cleansed wood-charcoal, and then subjecting the material, arranged as described, to heat from the oven, as and for the purpose intended, substantially as described.

2. The within-described process of treating tobacco, which consists in subjecting to heat a layer of tobacco inclosed between sheets of textile fabric and layers of divided cleansed charcoal, as and for the purpose set forth, substantially as described.

ETIENNE NEUMAN.

Witnesses:

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