

UNITED STATES PATENT OFFICE

REBECCA A. McDANIEL, OF BURR OAK, KANSAS.

PRESERVING COMPOUND.

SPECIFICATION forming part of Letters Patent No. 329,578, dated November 3, 1885.

Application filed August 29, 1885. Serial No. 175,659. (No specimens.)

To all whom it may concern:

Be it known that I, REBECCA A. McDANIEL, a citizen of the United States, residing at Burr Oak, in the county of Jewell and State of Kansas, have invented certain new and useful Improvements in Preserving Compounds, of which the following is a specification.

My invention relates to a compound for use in preserving edibles or the like; and the novelty consists in the peculiar proportions and ingredients used, as will be more fully hereinafter set forth, and specifically pointed out in the claims.

In preserving different articles—as meats, fruits, and other edibles—I subject the edibles for a proper time, differing with different articles, to the fumes arising from burning the compound which forms the subject of this invention. This may be accomplished by confining the articles to be treated in a chamber in which the compound is being burned.

The principal ingredients of my improved preserving compound are salicylic acid, pulverized sulphur, pulverized orange-peel, and powdered cinnamon. In treating meats I use, in addition to the ingredients mentioned, a quantity of nitrate of potash.

In what I consider the best manner of carrying out the invention I combine salicylic acid, one ounce; sulphur, two pounds; pulverized orange-peel, one-fourth of an ounce; ground cinnamon, three ounces. This compound, well mixed, will burn slowly, and generate volumes of fumes or vapor, which have a peculiar action in the preservation of fruits, eggs, butter, milk, bread, pies, and all kinds of cooked or uncooked vegetables.

In treating meats I add nitrate of potash, four ounces. This compound I have used practically with very satisfactory results in the preservation of edibles.

The proportions may be modified within wide limits without departing from the principle or sacrificing the advantages of my invention, and the proportions may be varied

in treating different articles. In some cases the orange-peel or the cinnamon may be omitted and a portion of the beneficial results obtained.

The process of applying the compound to use in preserving may be varied to suit, and I suggest one very practical way of carrying the process into effect.

I provide a box or other chamber with shelves, upon which the articles to be treated may be placed. Within this chamber, properly closed, I burn a suitable quantity of the compound, allowing the fumes to bathe the articles being treated.

The compound is of a quality that will burn slowly by reason of its peculiar composition, and it may be burned with fuel other than that it contains.

I am aware that sulphur and charcoal, also sulphur, carbonaceous matter, and nitrate of potash, also sulphur and fragrant barks, also that sulphur and salicylic acid, and saltpetre and salicylic acid have been used together as mixtures for preserving foods.

What I claim as new is—

1. A preserving compound adapted to be burned and the fumes arising from combustion to be utilized in preserving edibles and the like, which consists in salicylic acid, sulphur, pulverized orange-peel, and ground cinnamon, combined in substantially the proportions named.

2. A preserving compound consisting of salicylic acid, sulphur, orange-peel, cinnamon, and nitrate of potash, combined in about the proportions named.

In testimony whereof I affix my signature in presence of two witnesses.

REBECCA A. McDANIEL.

Witnesses:

A. NEWHOUSE,
F. BROWN.