

UNITED STATES PATENT OFFICE.

JACOB C. LANGE, OF PITTSBURG, PENNSYLVANIA.

IMPROVED SUBSTITUTE FOR TOBACCO.

Specification forming part of Letters Patent No. 87,572, dated March 9, 1869.

To all whom it may concern:

Be it known that I, JACOB C. LANGE, of the city of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new Tobacco Substitute; and I do hereby declare that the following is a full and exact description thereof.

The nature of my invention consists in producing an article which, in outward appearance, resembles plug-tobacco, and which will relieve the almost uncontrollable longing for tobacco which those accustomed to its use suffer from upon its discontinuance, and, further, which will, by its medicinal qualities, assist nature in recuperating those organs which have been injured and weakened by the abuse of tobacco.

My tobacco substitute is composed of the following substances: Its chief bulk is formed of the herb buck-bean, or marsh-trefoil, (*Menyanthes trifoliata*), to which are added the root of the *Alpina galanga*, licorice, tonka-bean, and the oil of winter-green, (*Gaultheria procumbens*.)

These substances are compounded in the following manner: The buck-bean leaves are first soaked in water, or dampened, to prevent their breaking up and crumbling. After soaking they are added to the licorice, which is previously dissolved in water, and forms a kind of thick sirup. The galanga-root is then

added, having been first ground to a coarse powder, and the whole is flavored with tonka-bean and winter-green. The mass is then stirred until all its constituents are thoroughly intermingled. It is then allowed to stand until, by evaporation, it becomes a thick paste. It is then rolled or pressed into sheets between two pieces of paper. The paper adheres to the sheets, and is colored by the licorice, so that it closely resembles the leaf-tobacco with which the outside of the plug is covered.

The sheets are then cut up into convenient-sized pieces or plugs, having much the appearance of navy or natural-leaf tobacco, which makes it more attractive to those accustomed to the use of tobacco.

Claims.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

1. The tobacco substitute compounded of the several ingredients specified.
2. The pressing into plugs, resembling plugs of tobacco, any and all kinds of preparations substituted for tobacco, or used as antidotes or medicines to annul the effects of tobacco.

JACOB C. LANGE. [L. S.]

Witnesses:

FRANCIS L. CLARK,
I. DONALDSON.