

E. FLANAGAN.
SMOKE STICK.
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1,320,219.

Patented Oct. 28, 1919.

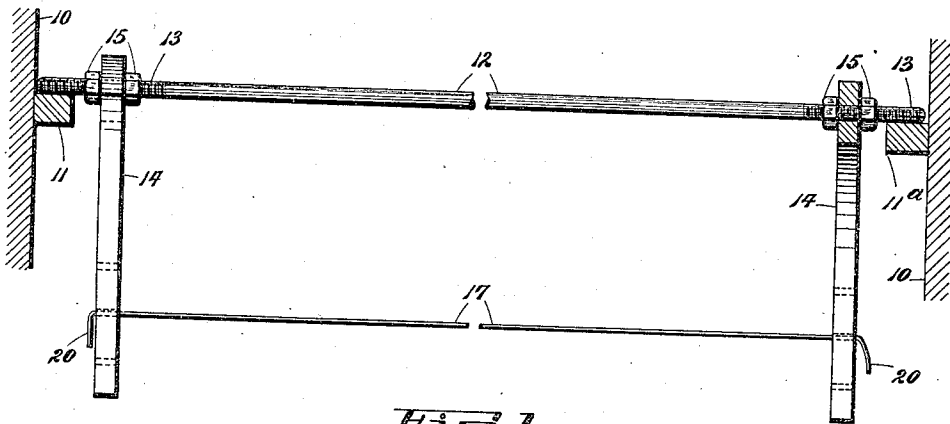


Fig. 1

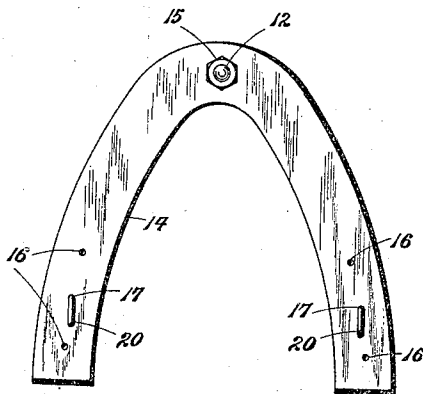


Fig. 2

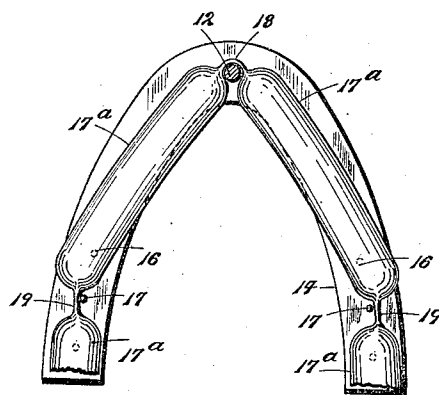


Fig. 3

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SMOKE-STICK.

1,320,219.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, EDWARD FLANAGAN, a citizen of United States, residing at 1430 Blavis street, Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented new and useful Improvements in Smoke-Sticks, of which the following is a specification.

The invention relates to the curing and smoking of hams, sausages and other forms of meat subjected to the process, and had for an object to provide a smoke stick for the support of the article to be smoked, in the smoke house.

Although smoke sticks have been used heretofore for the smoking and curing of sausages and other meats, the same usually consist of a single circular stick which must necessarily be of sufficient strength to support the meat, and on account of this when meat, such as a sausage or sausages are hung over the stick described the parts of the sausages adjacent the points of hanging upon the smoke stick bear against the periphery of the smoke stick, and are therefore not subjected to the smoking action of the smoke house, and thus the sausages are not properly smoked or finished during the smoking operation.

I aim to provide an improved form of smoke stick on which the sausages will be supported with the least part of the filled portion of the sausages or meat in contact with any of the support, so that the products will be completely smoked and rendered fit to be sold.

In the further disclosure of the invention, reference is to be had to the accompanying drawing, constituting a part of this specification, in which similar characters of reference denote corresponding parts in all the views, and in which—

Figure 1 is a fragmentary side elevation of the device, parts being broken away to disclose the underlying structure.

Fig. 2 is an end view, and

Fig. 3 is a vertical sectional view taken through the device.

Referring more particularly to the views, 10 indicates the usual box frame with ledges 11, 11^a for the support of a smoke stick, which is the usual construction employed in smoke houses. I provide a horizontally disposed rod 12 threaded at its ends, as shown at 13, and upon which a plurality of hangers 14 are arranged, said hangers be-

ing of substantially horse-shoe shape with nuts 15 threaded on to the threaded portions of the bar or rod 12, and tightened up against both faces of each hanger to rigidly secure each hanger in depending position on the rod or bar, and thus also retain the hangers in the proper spaced relation, it being seen that the hangers are arranged a sufficient distance in on the bar to permit the ends of the bar to be disposed to rest upon the supports 11^a. Each hanger is provided near the lower extremity with a plurality of openings 16 and opposed wire supports 17 are arranged through one of the openings in one of the hangers and an opposed opening in the opposite hanger on each side, it being understood that a plurality of the openings 16 are formed in the leg of each hanger so that the rod supports can be brought nearer to the bar or farther away depending upon the length of the particular sausages to be smoked.

As shown in Fig. 3, the sausages, indicated by the numeral 17^a, are disposed to hang upon the bar 12 with the usual connecting cord or part 18 of the sausages straddling the bar 12, so that the part of the sausages containing the meat will not come in contact with the bar, or bear against any part of the periphery thereof. And further, it will be seen that the lower connection 19 of one of the sausages with the next sausages, rests against one of the rod supports 17, so that here also the part of the sausages containing the meat will not come in contact with any of the supports.

With this construction, it will be clearly seen that the filled part of the sausages will be entirely exposed to the smoking operation, and that when same is completed and the sausages removed, they will be properly smoked and finished, with no parts thereof only partially smoked or unfinished, as is usually the case with the ordinary form of smoke stick now generally employed. The rod supports 17 are secured in position by simply bending the ends 20 thereof at rightangles after the rods have been passed through the openings 16.

I claim:

1. A smoke stick comprising a supporting bar, a plurality of hangers depending from said bar, said hangers being of horse shoe shape with their arms diverging downwardly, the arms of said hangers being each provided with a series of holes, and rods

connecting said arms and disposable in selected ones of said holes whereby said rods may be adjusted toward and away from said bar.

- 5 2. A smoke stick comprising a supporting bar, a pair of depending hangers arranged upon said bar and secured in spaced parallel relation, each hanger including a pair of downwardly diverging arms, and
10 spaced parallel horizontal rods connecting said arms and adjustable vertically.

3. A smoke stick comprising a supporting

bar, a pair of hangers depending therefrom and secured in spaced parallel relation, each hanger including a pair of downwardly diverging arms each provided with a plurality of holes, and rods connecting said arm and extending through selected ones of said holes whereby said rods may be adjusted toward and away from said bar. 15 20

In testimony whereof I affix my signature.

EDWARD FLANAGAN.

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