

H. J. PENN.
METHOD OF FORMING CADDIES OF PLUG TOBACCO.
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1,030,746.

Patented June 25, 1912.

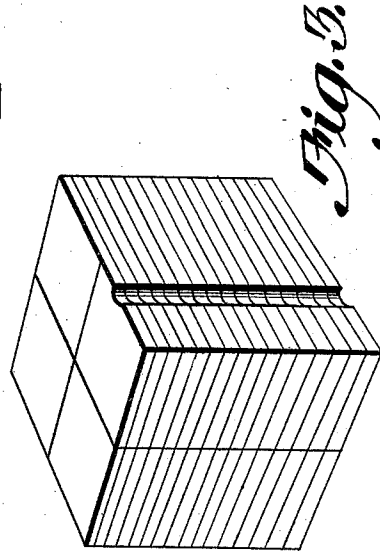
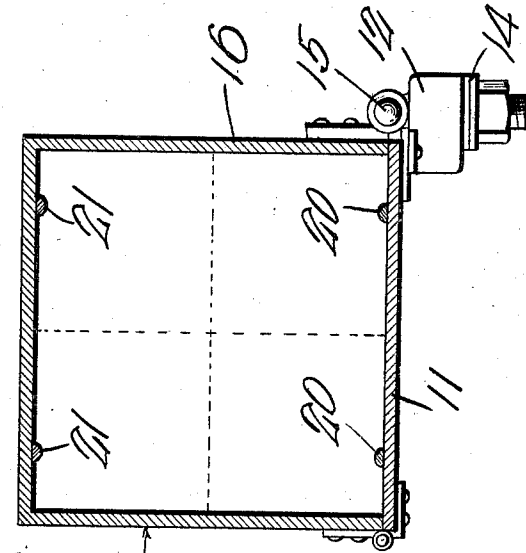
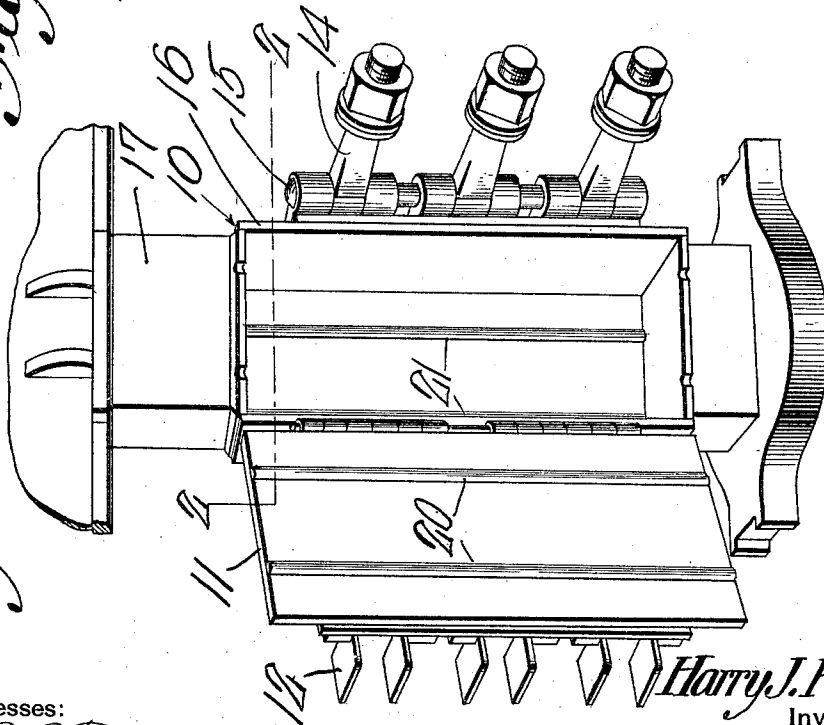


Fig. 2.

Fig. 1.



Witnesses:

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UNITED STATES PATENT OFFICE.

HARRY J. PENN, OF MADISON, NORTH CAROLINA.

METHOD OF FORMING CADDIES OF PLUG-TOBACCO.

1,030,746.

Specification of Letters Patent.

Patented June 25, 1912.

Application filed December 12, 1911. Serial No. 665,381.

To all whom it may concern:

Be it known that I, HARRY J. PENN, a citizen of the United States, residing at Madison, in the county of Rockingham and State of North Carolina, have invented a new and useful Method of Forming Caddies of Plug-Tobacco, of which the following is a specification.

This invention relates to a method of forming a caddy of plug tobacco, during the process of compression with a groove or indentation, whereby when the caddy is placed within the container in which the same is marketed, a plug of each layer may be readily removed without being damaged.

In the drawings:—Figure 1 is a perspective view of the finishing press in which a plurality of caddies are placed and pressure applied, before the same are placed in the containers in which they are marketed. Fig. 2 is a section on the line 2—2 of Fig. 1, and Fig. 3 is a perspective view of the caddies.

In the drawings, 10 designates a substantially rectangular press formed with the hinged door 11, said door 11 being formed with a plurality of lugs 12 which receive the pivotally supported latch member 14 arranged on a pintle 15 supported by the wall 16 of the press. The caddies are arranged within the press which accomodates about sixteen cubes, the cubes or caddies being arranged one upon the other and pressure applied to the same by the plunger 17, thus the caddies are given their final compression or in other words are finished and ready to be placed within the box or container in which the same are marketed. As before stated the caddies are placed within the box or container immediately after their removal from the press and the same expand after being placed within the box contacting with the walls of the same.

To facilitate the removal of one plug of each layer the purpose of the present invention is to provide the caddies with a groove or indentation whereby a portion of one surface of the caddy is spaced from one of the side walls of the box or container, (as shown in Fig. 3). This indenting or grooving of the caddy is accomplished dur-

ing the compression of the same. The hinged door 11 of the press is provided with the inwardly extending ribs 20, said ribs being so spaced that each of the same will contact with one of the vertical rows of caddies. The rear wall (that is the wall diametrically opposite the door 11) is provided with ribs 21, it being noted by this construction that while the caddies are being compressed the ribs will form each vertically disposed row of caddies with a groove as indicated in Fig. 3, thus after the caddies are removed from the press and separated each of the same will be formed with a groove or indentation. In placing the caddy within the box or container the groove is disposed toward one of the side walls. Thus when the head of the box is removed, a portion of one plug of the upper layer is spaced sufficiently from the side walls of the container so as to permit a tool to be brought in contact with the edge of the plug to remove the same, the removal of the plug being accomplished without damaging the same. It will thus be noted that one plug of each layer may be removed in this manner.

What is claimed is:—

1. A method of treating plug tobacco to insure ready removal of one plug without interfering with adjacent plugs while in a container, which consists in assembling plugs of tobacco in layers, disposing the layers one upon the other, placing the plugs thus assembled within a press, applying pressure to the same to form a chunk, and simultaneously applying extra pressure to one side of the chunk to form a groove which extends transversely of the plug.

2. A method of treating plug tobacco to insure ready removal of one plug without interfering with an adjacent plug, while in a container which consists in assembling the plugs of tobacco in layers, disposing the layers one upon the other, placing the plugs thus assembled within a press and applying pressure to the same to form a chunk, and simultaneously applying excess pressure to certain of the plugs to form a groove transversely of the same.

3. As an article of manufacture, a chunk of tobacco consisting of plugs disposed in

layers in superposed relation, each of said
layers including a plurality of plugs, said
chunk being formed with a groove arranged
to extend transversely of the plugs, said
5 groove passing through a plug of each
layer.

In testimony that I claim the foregoing

as my own, I have hereto affixed my signature in the presence of two witnesses.

HARRY J. PENN.

Witnesses:

M. P. BLACK,

G. S. KING.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."