

No. 730,960.

PATENTED JUNE 16, 1903.

H. W. PAPE.
ORIGINAL PACKAGE.

APPLICATION FILED OCT. 8, 1900. RENEWED OCT. 29, 1902.

NO MODEL.

Fig. 6.

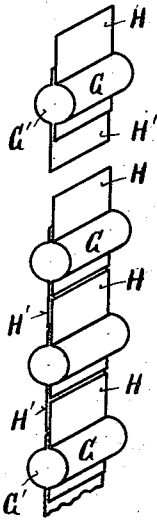


Fig. 1.

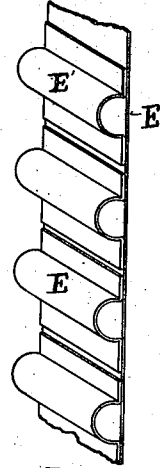
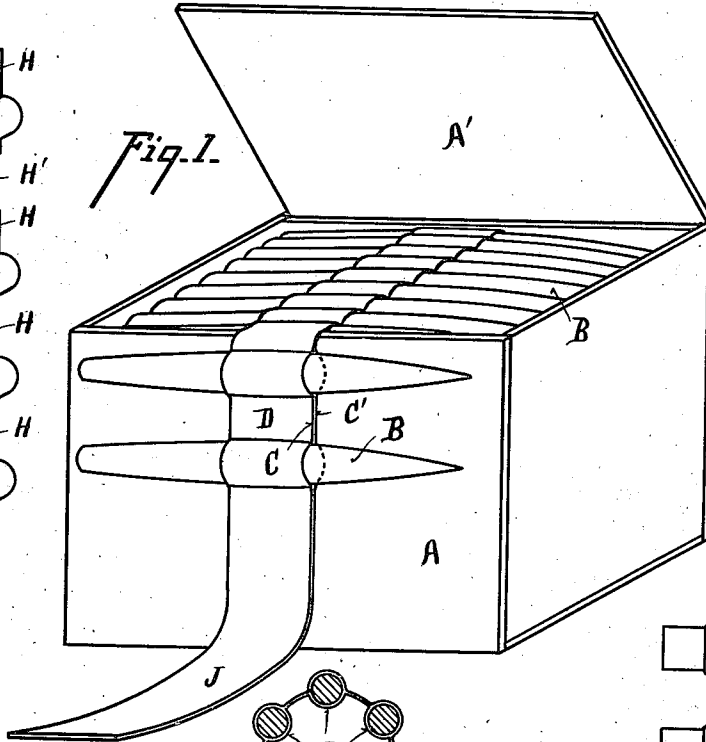


Fig. 5.

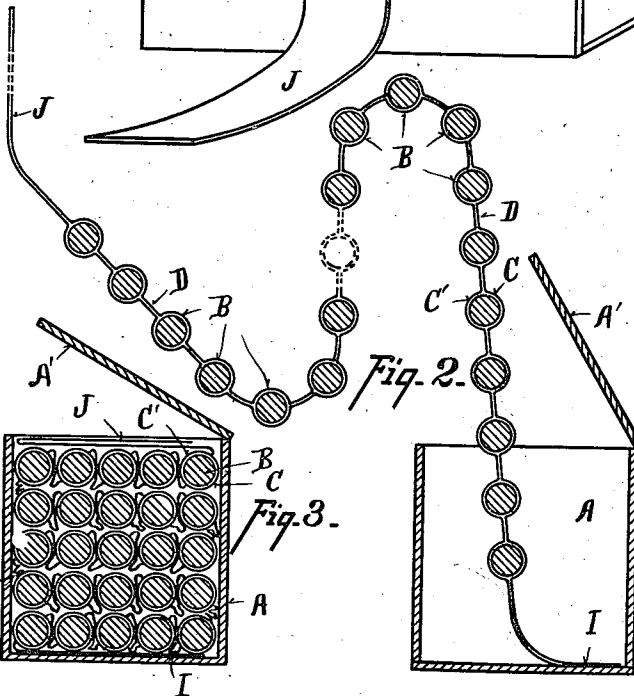


Fig. 2.

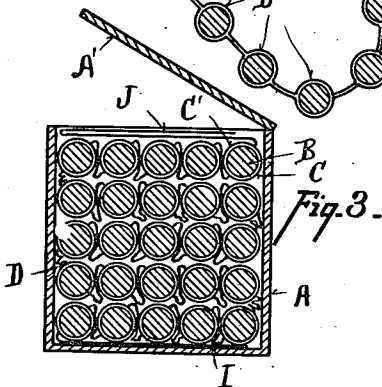


Fig. 3.

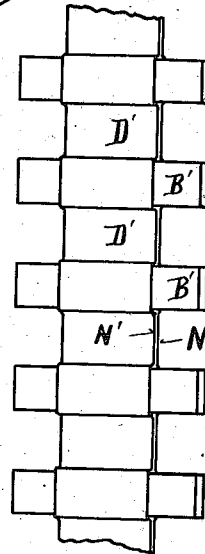


Fig. 4.

Inventor

Witnesses

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UNITED STATES PATENT OFFICE.

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ORIGINAL PACKAGE.

SPECIFICATION forming part of Letters Patent No. 730,960, dated June 16, 1903.

Application filed October 8, 1900. Renewed October 29, 1902. Serial No. 129,332. (No model.)

To all whom it may concern:

Be it known that I, HARRY W. PAPE, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Original Packages; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an original package for packing cigars and other articles to be vended by machines. One of its objects is to provide an improved package for such articles from which they may be successively drawn and vended without requiring the constant attention of an attendant.

Another object is to provide an improved manner of packing the articles in the box.

Another object is to provide an improved chain or ribbon for successively uniting the several articles.

The invention also consists in certain details of form and combination, all of which will be more fully set forth in connection with the description of the accompanying drawings, in which—

Figure 1 is a perspective view of my improved original package, showing the same applied to the packing of cigars. Fig. 2 is a central vertical section through a package of cigars, showing the chain withdrawn from the box. Fig. 3 is a similar view showing the cigars packed in the box and ready to be closed and sealed. Fig. 4 is a perspective view of a section of a chain or ribbon of packages of articles other than cigars—chewing-gum, for instance. Fig. 5 is a perspective view showing one manner of forming the chain. Fig. 6 is a perspective view showing another manner of forming the chain.

A represents an outer shell having a lid A', which may be of wood, metal, cardboard, or similar substance and of proportions adapted to the articles to be packed therein.

B represents the articles to be packed, which are secured at regular intervals to a chain, preferably of paper, so as to bind all the articles to be packed in one box into a continuous chain. This may be effected in

several ways, and I do not wish to limit myself, except where specifically claimed, to any particular method of forming the chain, so long as it is capable of being readily severed into sections to release the articles. As shown in Figs. 1 to 3, the chain is formed by employing two strips of paper C C', which have openings or united sections which form tubular portions to embrace the articles upon opposite sides and are pasted or otherwise fastened to each other at D between the several articles. In this form the articles and strips of paper are fed into a machine, where the strips are pasted and secured around the articles.

In Fig. 5 I have shown a chain formed of one continuous strip of paper E and a series of short pieces E', secured thereto, so as to form tubular portions to embrace the articles to be packed.

In Fig. 6 I have shown a manner of forming the ribbon or chain out of units and subsequently securing the units together to form a chain and which is particularly adapted to be performed by hand, the manner of procedure being to first form the units by securing the short strips G G' to each other, as shown at the top of Fig. 6, with the article in place therein. Then the several units are secured into a chain by attaching the laps H H' to each other, as shown at the bottom of Fig. 6. This manner of forming the chain is particularly adapted to the packing of cigars and other delicate and easily-injured articles, as they can each be carefully and closely secured by hand in one of the chain units and then the whole united to form a chain.

I preferably attach one end of the paper chain to the box, as shown at I, Fig. 2, and I also preferably provide a tongue J, consisting of a section of the chain at the opposite or forward end, which is free from the articles and which is designed to be first fed into the vending-machine to insure the proper starting of the articles thereto from the package. These, however, may be omitted, if desired.

The package herein illustrated is particularly adapted to be employed in connection with the vending-machine specified in my Patent No. 661,130, granted November 6,

1900, in which the articles are successively fed over a roll and the chain or ribbon severed between the articles by suitable mechanism in order to free and deliver the same.

- 5 The ends of the articles are preferably allowed to project beyond the edges of the chain in order to facilitate the feeding of the chain forward.

10 In Fig. 4 the articles B' of a different shape are secured between the strips N N' and secured to each other at D' between the articles.

Having described my invention, what I claim is—

- 15 1. An original package for articles designed to be fed from a vending-machine, consisting of an outer rigid shell adapted to protect the articles in storage and shipment, and an in-
20 closed chain capable of being severed into sections, said chain having a tubular portion embracing the central portion only of the articles to be packed at regular intervals with
25 intervening spaces for the severing of the chain, and a tongue at the forward end adapted to start the chain into the machine.

- 30 2. In an original package, an outer rigid shell adapted to protect the articles in storage and shipment; and a chain of articles adapted to be fed from a vending-machine, said chain comprising in its construction complete tubular chain units having projecting

laps adapted to be secured together to form the chain.

3. As a new article of manufacture, an original package for cigars consisting of an outer rigid shell adapted to protect the articles in storage and shipment; and a chain adapted to be severed into sections, to which the cigars are secured at regular intervals with their ends projecting from the chain, and with spaces between the cigars to permit the severing of the chain.

4. As a new article of manufacture, an original package for cigars and similar articles designed to be vended from a machine; consisting of an outer rigid shell adapted to protect the articles in storage and shipment, and a chain adapted to be severed into sections, to which chain the articles to be packed are secured at regular intervals with their opposite ends projecting from the chain, with spaces between the articles to permit the severing of the chain, and a tongue at the forward end of the chain to start the chain into the machine.

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

HARRY W. PAPE.

Witnesses:

HARRY W. MORETON,
C. W. MILES.