Jan. 11, 1938. M. M. CUNNINGHAM 2,105,313

CONTAINER

Filed May 11, 1936

Fig. 1

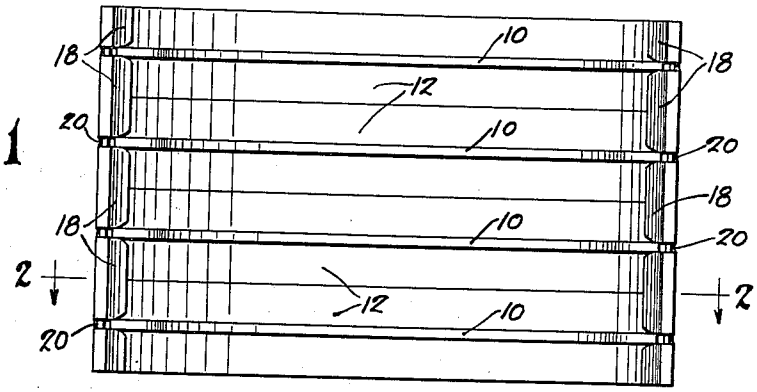
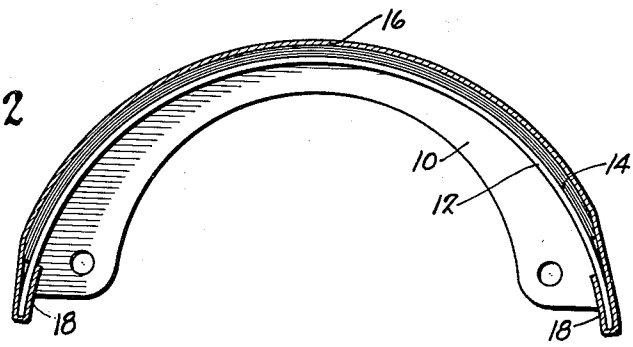


Fig. 2



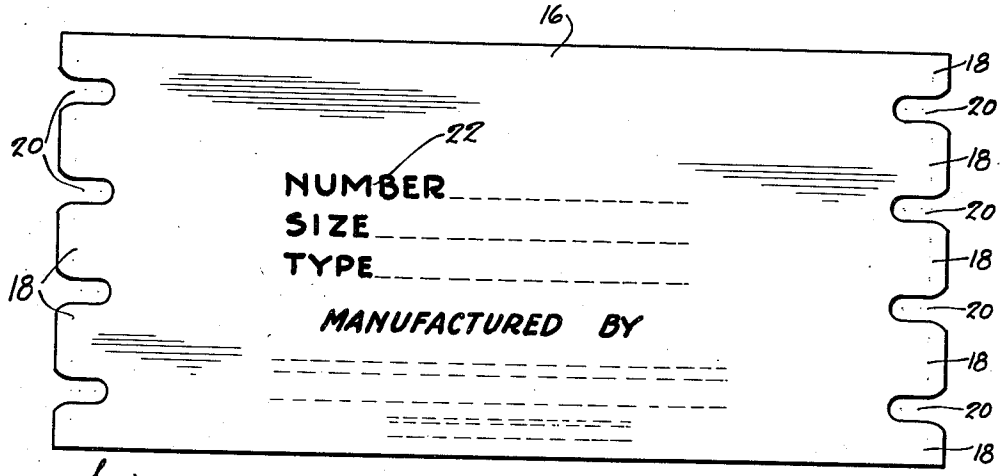


Fig. 3

INVENTOR.
MARION M. CUNNINGHAM
BY A. Q. McCrady
ATTORNEY.

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CONTAINER

Marion M. Cunningham, South Bend, Ind., assignor to Bendix Products Corporation, South Bend, Ind., a corporation of Indiana

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4 Claims. (Cl. 206—65)

This invention relates to containers, and more particularly to a container or retaining member for brake shoes and other articles of like shape and size.

An object of the invention is to provide a container wherein the container and the contained articles occupy a minimum of space.

A further object of the invention is to provide a container which, with its contained articles may be packed or nested with other similar containers and articles so as to occupy a minimum of space and protect the articles from injury.

A further object is to provide a container which is cheap and sturdy, and in which the articles may be readily packed and secured.

Further objects and advantages of the invention will be apparent from the following description, taken in connection with the appended drawing, in which:

Figure 1 is a front view in elevation of a container embodying the invention, showing the contained articles in place;

Figure 2 is a sectional view taken on the line 2—2 of Figure 1; and

Figure 3 is a plan view of the blank used in forming the container.

The container shown is designed for retaining a set of four brake shoes of the type commonly used in automobiles, the assembly shown in Figure 1 being herein referred to as a cluster. Each shoe comprises a web 10, an arcuate flange 12, and a lining 14 of suitable fibrous material. Such shoes are capable of being stacked upon each other in the manner indicated in Figure 1, and when so stacked are ready for the application of the container.

The container is formed from a rectangular blank 16 of flexible sheet metal having suitable ears 18 at its ends, the body being suitable for the imprinting of appropriate indicia such as that indicated at 22. The adjacent sides of the ears 18 form sides of slots 20 the purpose of which will be hereinafter described.

The container is applied to the stacked shoes by bending it to the arcuate shape of the outer surfaces of the linings 14, and bending the ears 18 into the securing positions indicated in Figures 1 and 2. The sides of the slots 20 embrace the sides of the shoe webs 10 and firmly secure the shoes against lateral displacement. The resulting assembly or cluster may then be handled as a unit, and may be packed or stacked with other similar clusters in nested relation. It will be noted that the portions of the shoes most subject to injury are the linings and the edges of the flanges 14, and these are protected by the container, the only exposed parts being the webs 10, which are not likely to be damaged by rough handling.

If it is desired, one or more ears may be formed in spaced relation on each of the longitudinal sides of the container and these bent over on the sides of the two outside shoe rims to further secure the clustered shoes against lateral displacement.

Although the invention has been described with particular reference to the illustrated embodiment thereof, it may be embodied in other forms, and is not limited except by the terms of the following claims.

I claim:

1. A securing member for brake shoes or the like comprising a flexible metallic plate adapted to be fitted to the convex surfaces of a stack of shoes and having securing ears adapted to be bent into securing relation to the shoes to maintain them in alined relation.

2. A securing member for brake shoes or the like, comprising a flexible plate shaped to fit the convex surfaces of a stack of shoes and having securing ears at each of its edges adapted to be bent into retaining relation to the shoes.

3. An assembly comprising a plurality of brake shoes stacked upon each other in alined relation, and a metallic sheet covering the convex surfaces of the shoes and having projecting portions engaging the shoes to retain the assembly in position.

4. An assembly comprising a stack of articles having similar cylindrical outer surfaces in alinement with each other and having oppositely disposed similar irregular surfaces, and a rigid sheet covering the cylindrical surfaces and having retaining means thereon engaging the shoes to retain the assembly in assembled relation.

MARION M. CUNNINGHAM.