

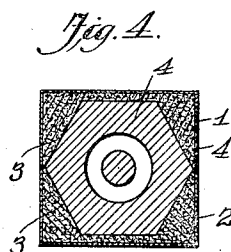
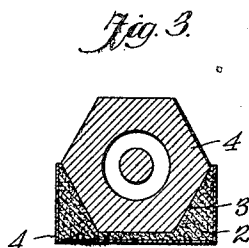
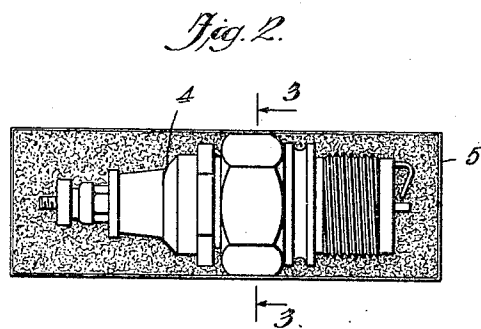
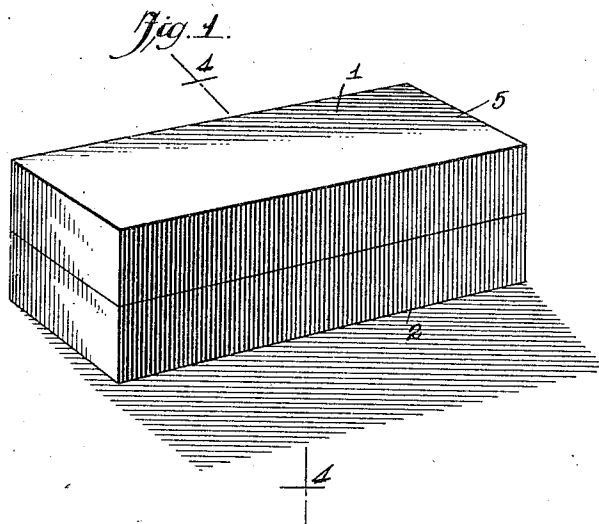
Oct. 28, 1924.

F. A. BARTLETT

1,513,148

PACKAGE

Filed Oct. 16, 1920



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UNITED STATES PATENT OFFICE.

FRANCIS ALONZO BARTLETT, OF STAMFORD, CONNECTICUT.

PACKAGE.

Application filed October 16, 1920. Serial No. 417,359.

To all whom it may concern:

Be it known that I, FRANCIS A. BARTLETT, a citizen of the United States, and a resident of Stamford, in the county of Fairfield and State of Connecticut, have invented a new and Improved Package, of which the following is a full, clear, and exact description.

This invention relates to improvements in packages, and more particularly to improved means for packing breakable articles or articles which might be injured in transit so that they are completely covered and protected and held against movement in any direction.

A further object is to provide a package which forms a mold comprising one, two, or more parts, into which the impression of the article to be shipped is made, so that the package, when assembled, will comprise a mold protecting either the entire article or the surface of the article against possibility of injury.

With these and other objects in view the invention consists in certain novel features of construction, and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings—

Figure 1 is a perspective view illustrating one embodiment of my improved package.

Figure 2 is a plan view of the lower half of the package, showing the same supporting a spark plug.

Figure 3 is a view in transverse section on the line 3—3 of Figure 2.

Figure 4 is a view in transverse section on the line 4—4 of Figure 1.

The package illustrated comprises two sections 1 and 2 which are precisely alike and in each of which at their meeting surfaces a recess or impression is made to receive the article 4 contained in the package. I have illustrated an ordinary spark plug as the article in the package, and it is, of course, obvious that any article which might be damaged or broken in shipment could be substituted therefor, so that the package could be used for any article, and the spark plug is shown for purposes of illustration only.

The sections 1 and 2 are of a material which will readily receive the impression of the article to be packed and while in more or less plastic form, have the article pressed

therein or pressed onto the article, so as to entirely enclose the article in the form of a mold.

The material employed in the package must of necessity be strong and durable, and I find that a composition such as covered by my application Serial No. 417,358, now Patent 1,484,370, dated February 19, 1924, is the most desirable for this use. This composition consists of sawdust or other fibrous material mixed with silicate of soda so that the composition, when first mixed, will be plastic which will readily receive the impression of the article to be shipped and which will maintain that impression after drying.

While I have illustrated a package in which the article is entirely enclosed, it is obvious that a wide variation in the general form of the package might be employed, the broad idea being the provision of a protecting covering which constitutes a mold either for a portion only of the article or as an enclosure for the article.

The package may be secured together in any desired manner, and I have shown a paper covering 5 around the outside of the mold which can be glued thereon, but it is obvious that the article and its package or container can be securely held in any desired way.

It is a well-known fact that the shipment of fragile articles is a source of considerable expense, and furthermore, results in a great loss because of breakage or injury, and by the provision of a package such as above described, the articles can be economically packed and shipped and the possibility of damage and breakage reduced to a minimum.

Various slight changes might be made in the general form and arrangement of the parts described without departing from the invention, and hence I do not limit myself to the precise details set forth, but consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the appended claims.

I claim:

1. A package comprising a body of material in which an article to be packed is embedded while the material is plastic, the material subsequently hardening whereby a recess corresponding exactly to the entire contour of the article to be packed is formed and maintained.

2. A package comprising a plurality of parts or sections, the parts or sections adapted to be assembled while the material composing each part or section is plastic to partially embed in each of said parts or sections an article to be packed, the assembled parts or sections forming an enclosure for said article, the material composing each part or section subsequently hardening whereby a recess corresponding to the entire contour of the article is formed and maintained in the assembled sections.

3. A package comprising a plurality of separable sections or parts, each section or part comprising a body of material adapted while in a plastic state to receive an impression of a part of an article to be packed therein, the material of each section or part subsequently hardening to preserve said im-

pression, the sections or parts being assembled to entirely enclose the article to be packed, the assembled sections forming a plane-surfaced block.

4. A package comprising a plurality of separable parts or sections, each part or section composed of a mixture of fibrous material and silicate of soda, the parts or sections adapted to be assembled while the mixture composing each part or section is plastic to partially embed in each of said parts or sections an article to be packed, the assembled parts or sections forming a plane-surfaced block which entirely encloses said article, the mixture composing each part or section subsequently hardening to preserve an impression of part of the article in each part or section.

FRANCIS ALONZO BARTLETT.