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I. E. GUIMOND

2,180,676

BOWLING PIN

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Fig. 1.

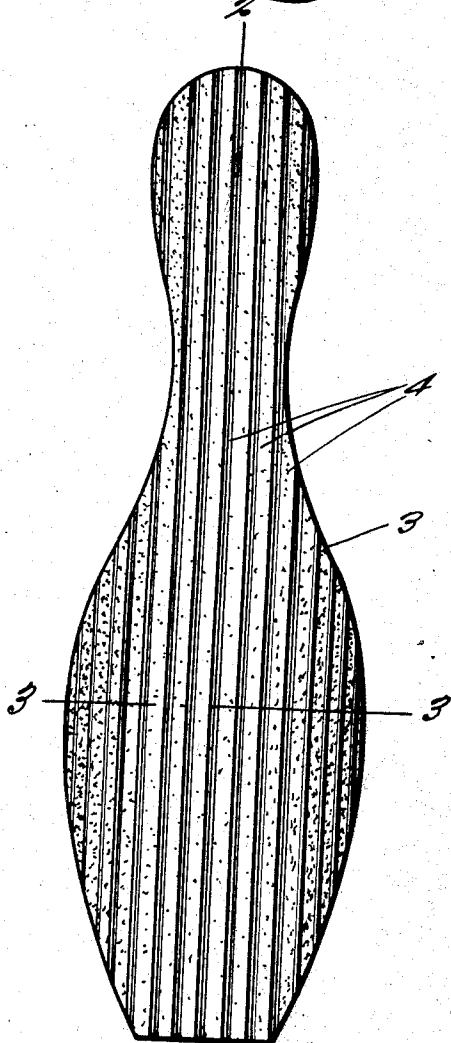


Fig. 2.

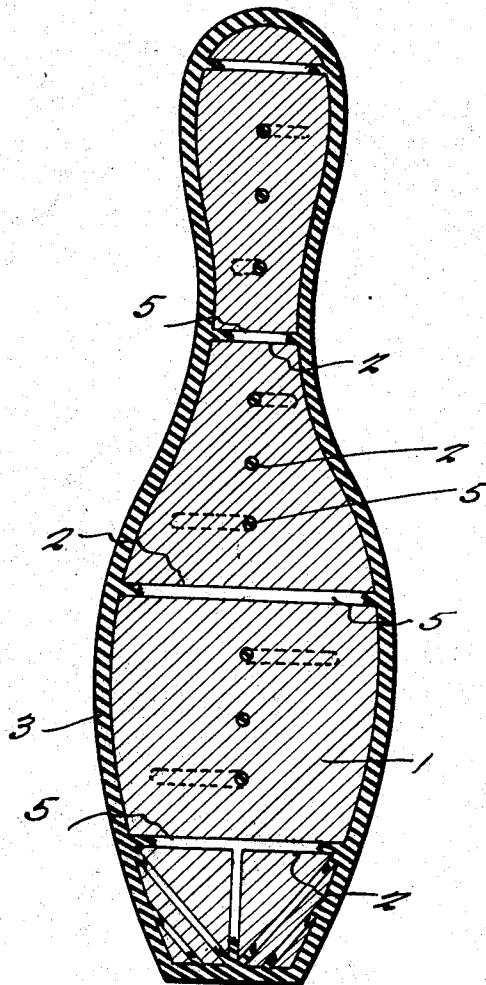
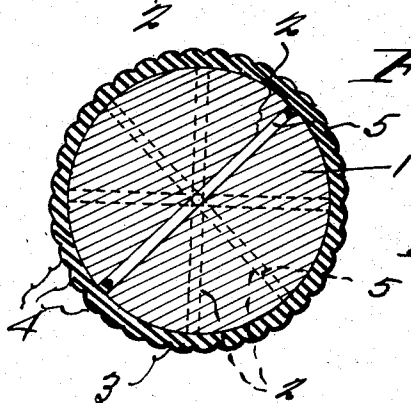


Fig. 3.



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BOWLING PIN

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1 Claim. (Cl. 273-82)

The present invention relates to new and useful improvements in bowling pins and has for its primary object to provide, in a manner as hereinafter set forth, an article of this character comprising a novel protective covering of rubber whereby the life of the pin will be considerably prolonged, in addition to greatly reducing noise when in use.

Another very important object of the invention is to provide a bowling pin of the aforementioned character comprising novel means for holding the rubber covering on the core or body of the pin.

Other objects of the invention are to provide a bowling pin of the character described which will be comparatively simple in construction, strong and durable, attractive in appearance and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is an elevational view of a bowling pin constructed in accordance with the present invention.

Figure 2 is a vertical sectional view, taken substantially on the line 2-2 of Fig. 1.

Figure 3 is a view in horizontal section, taken substantially on the line 3-3 of Fig. 1.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a body or core 1 which may be of any suitable wood. Of course, the core or body 1 is of the usual shape. The core or body 1 has formed therein a multiplicity of passages or bores 2 the pur-

pose of which will be presently set forth. This is shown to advantage in Figs. 2 and 3 of the drawing.

The core or body 1 of the pin is enclosed in a rubber covering 3. As best seen in Figs. 1 and 3 of the drawing, the rubber covering 3 is vertically ribbed or corrugated, as at 4.

The rubber covering 3 is held securely on the body or core 1 through the medium of integral ties or connections 5 in the passages 2. The passages 2, it will be noted, are of different sizes and extend at different angles through the body or core 1.

It will thus be seen that a bowling pin has been provided which includes a moisture proof, rubber covering which protects the entire core or body of the pin. Also, the rubber covering 3 greatly reduces the usual noise which occurs with pins made entirely of wood, such as those in substantially universal use at present. The rubber for the covering 3 is molded in a green state on the core or body 1 and flows through the passages 2.

It is believed that the many advantages of a bowling pin constructed in accordance with the present invention will be readily understood and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

A bowling pin comprising a body having a plurality of passages extending therethrough, a rubber covering enclosing the body, and ties integral with the rubber covering extending through the passages and constituting means for retaining said covering on the body.

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