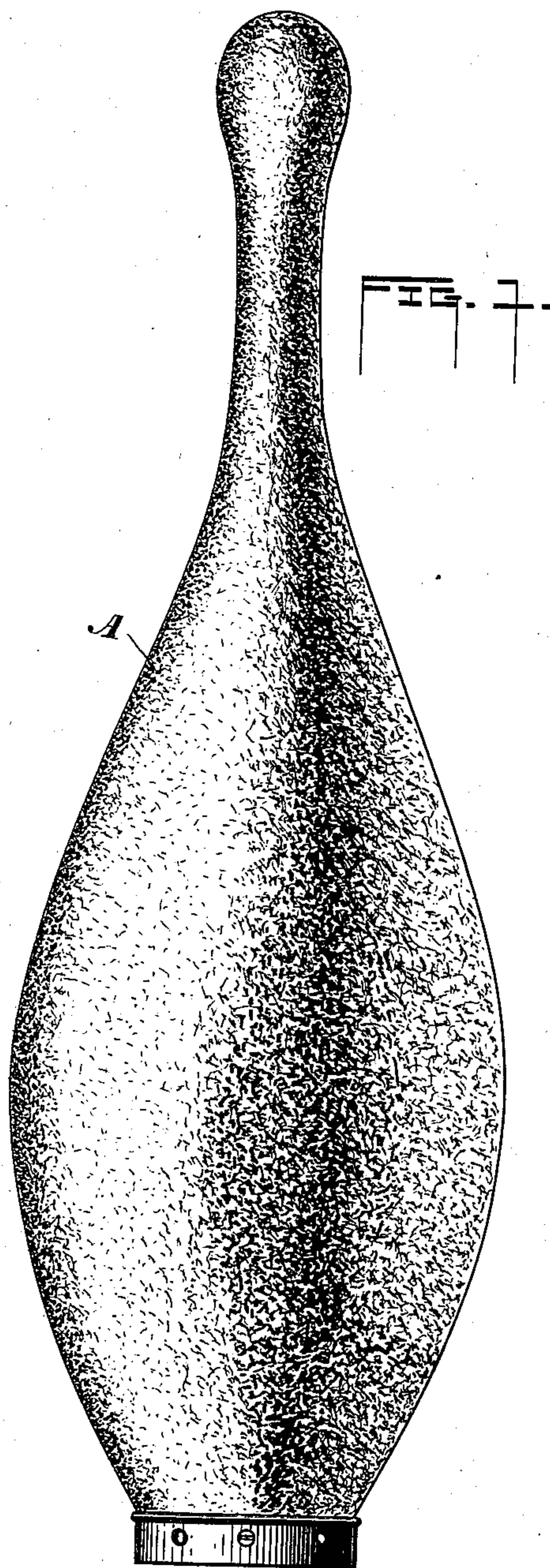
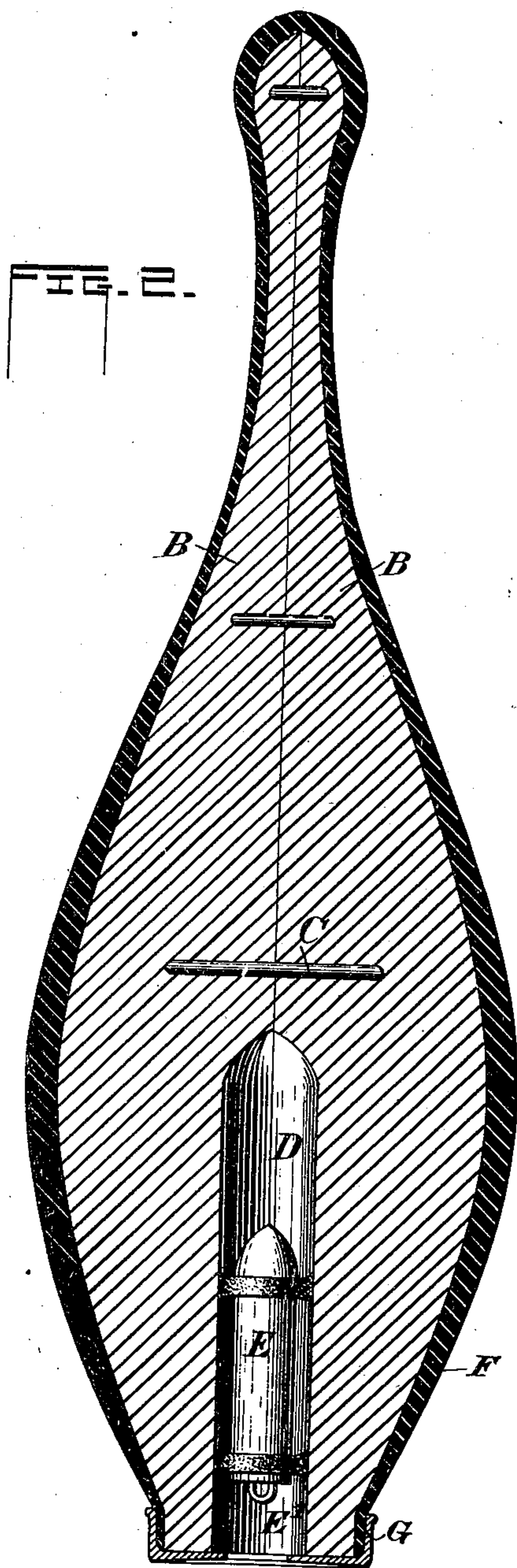


(No Model.)

F. G. DOKKENWADEL.
BOWLING PIN.

No. 532,871.

Patented Jan. 22, 1895.



Witnesses
Frank Blair Rives,
Moy E. Moore

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UNITED STATES PATENT OFFICE.

FREDRIK G. DOKKENWADEL, OF UNION CITY, INDIANA.

BOWLING-PIN.

SPECIFICATION forming part of Letters Patent No. 532,871, dated January 22, 1895.

Application filed March 1, 1894. Serial No. 501,956. (No model.)

To all whom it may concern:

Be it known that I, FREDRIK G. DOKKENWADEL, a citizen of the United States, residing at Union City, in the county of Randolph and State of Indiana, have invented certain new and useful Improvements in Bowling-Pins; 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in bowling pins, more generally or commonly termed "nine" or "ten pins," and the object of my invention is the provision of a pin which will be entirely noiseless and which will thus overcome a serious objection to the common pin in use.

Another object of my invention is the provision of a pin which will be free from noise and which will not injure the ball or be injured by the ball owing to the hard contact and further which will stand in the proper upright position and further which will be inexpensive of production and practical in every particular.

To attain the desired objects the invention consists of a bowling pin embodying novel features of construction substantially as disclosed herein.

Figure 1 represents a side elevation of the pin. Fig. 2 represents a vertical sectional view thereof.

In the drawings, A designates my improved bowling pin which has the general exterior shape and the core of my pin is preferably composed of two sections B, secured together in any suitable manner, but in this instance by dowel and socket connection C, and the sections are formed in the lower portion with grooves or recesses which form the socket D, in which is located the weight E. This weight is provided with a handle E', and with rubber or elastic bands E², the purpose of which is to sustain the weight at any point in the socket where it is moved by the handle. I would say that the weight may be adjusted

in the socket by a screw thread connection or in fact in any other manner. Over the sections or core I place a rubber or elastic or flexible covering F, which entirely surrounds or covers the core and which renders the pin noiseless when knocked about which is of paramount importance. This covering is secured and retained in place upon the core by means of the cap or ferrule G, having the opening to permit the insertion of the finger to move the weight. From this construction it will be seen that I provide a pin which is entirely noiseless enabling the game to be played in the parlor or house; which will stand properly, which is of inexpensive construction and which is entirely practical and desirable.

I claim—

1. A bowling pin consisting of the core having the socket in the lower end, a weight adjustable in said socket, a flexible or elastic covering over the core, a cap or ferrule having a flange fitting over and securing the lower edge of the covering and said ferrule also having an opening to allow access therethrough to the weight to move the same.

2. A bowling pin having a covered core and provided with a socket in the lower end, a weight adjustable in said socket, and a ferrule on the lower end of the core having an opening registering with the socket to permit access to the weight to adjust the same.

3. A bowling pin consisting of the core having a socket in the lower end thereof, a weight arranged in said socket and having elastic rings impinging against the walls of the socket to hold the weight at any adjustment and an elastic covering on the core.

4. A bowling pin consisting of the sectional core having the socket in the lower end, the movable weight in the socket having the elastic friction rings, the covering over the core, and the ferrule for securing the covering and clamping the sections together at the lower end.

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

FREDRIK G. DOKKENWADEL.

Witnesses:

GEO. WELLS SMITH,
ARTHUR B. PICKETT.