

No. 708,261.

J. C. SCHWANENGEL.
BALL BAT AND EXPLOSIVE.
(Application filed Mar. 24, 1902.)

Patented Sept. 2, 1902.

(No Model.)

Fig. 1

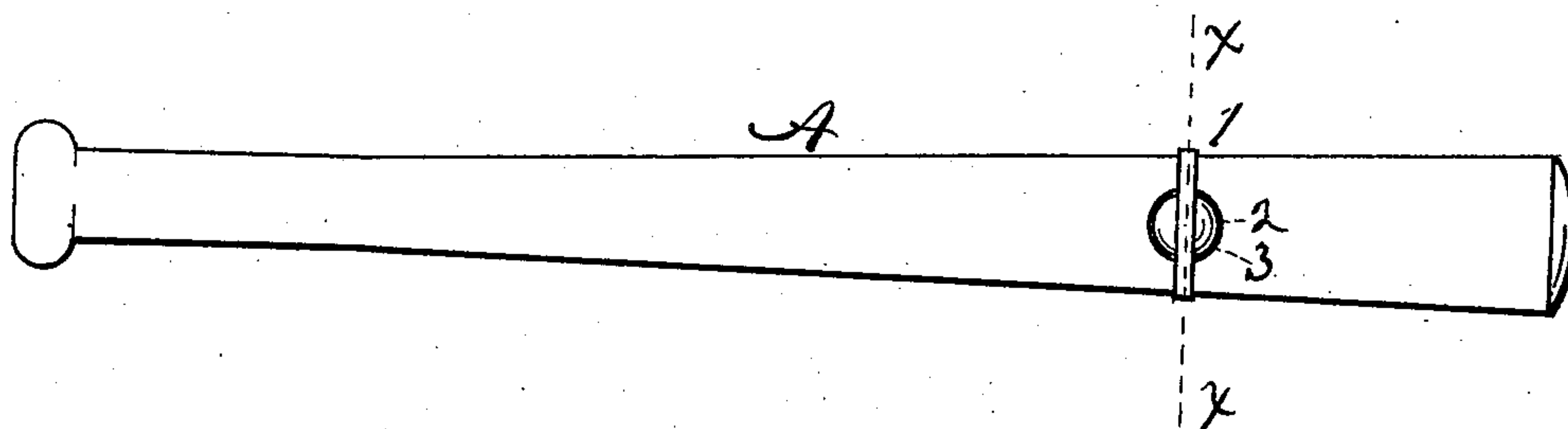
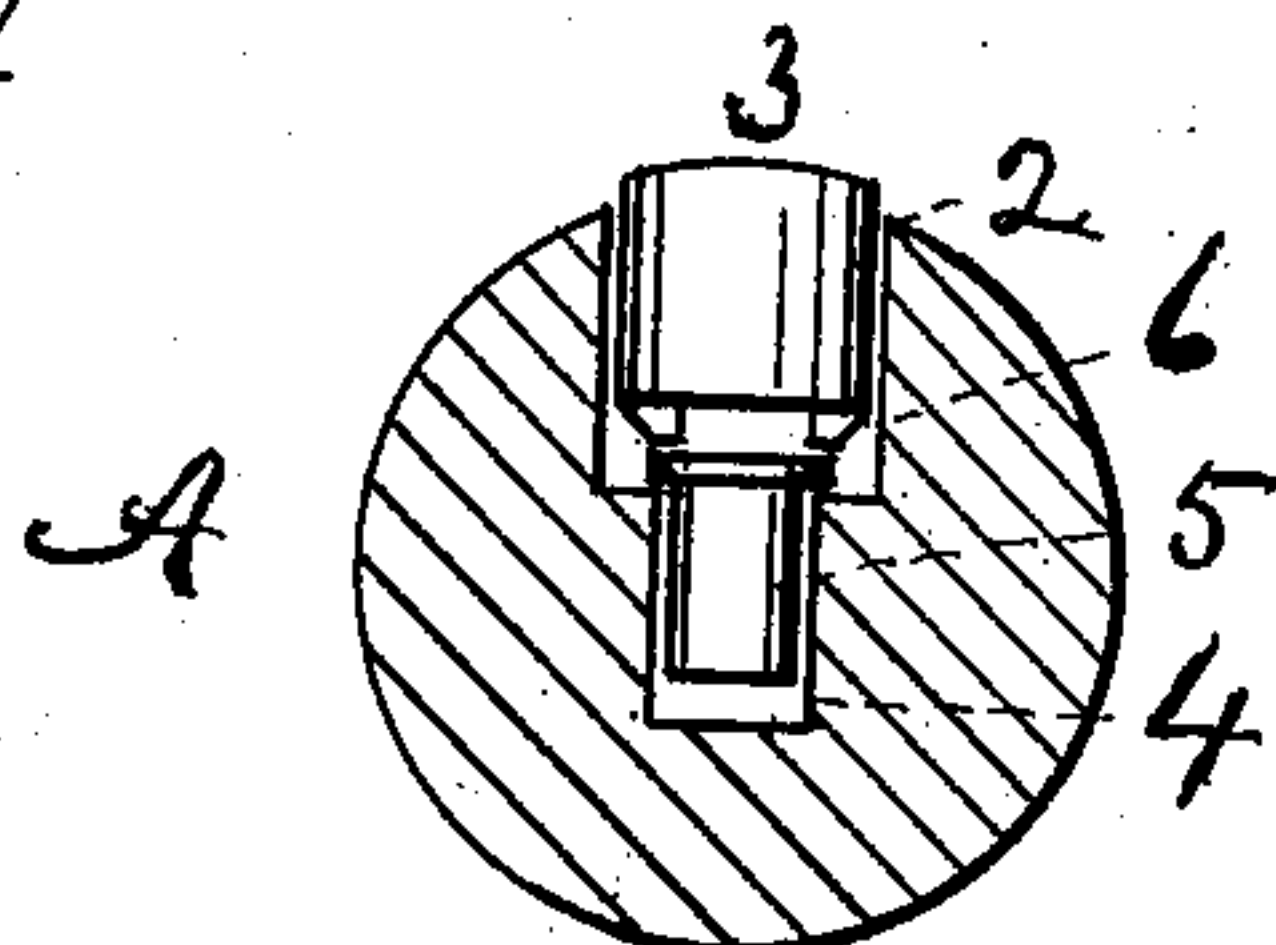


Fig. II



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN C. SCHWANENGEL, OF DAYTON, OHIO.

BALL-BAT AND EXPLOSIVE.

SPECIFICATION forming part of Letters Patent No. 708,261, dated September 2, 1902.

Application filed March 24, 1902. Serial No. 99,651. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. SCHWANENGEL, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Ball-Bats and Explosives; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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 characters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in ball-bats and explosives. These combined features will be fully hereinafter described and claimed.

The object of my invention is to produce an explosive effect to amuse juveniles, and the bat may be used in practice to determine the accuracy of the blow.

The construction is illustrated in the accompanying drawings, in which—

Figure 1 is a front view of the device. Fig. 2 is a transverse section of the same on line x , Fig. 1, omitting elastic band.

Like characters designate like parts in the two views.

The bat A is constructed in form like the usual base-ball bat; but the form is not of importance. The orifice 2 is bored into the side of the bat near the outer end or about the point the ball can be most effectually struck

to cause a long flight. The smaller orifice 4 is bored from the bottom of the former of sufficient size to receive the metallic cartridge 5. The head of this cartridge rests on the shoulder formed at the junction of the two orifices. Within the outer orifice is placed the metallic hammer 3, which is provided with the nipples 6 to engage the head of said cartridge. When the hammer is put into its orifice, the rubber band 1 is passed over the bat and over the head of said hammer, and by this means it is held in position within the bat and rests against the head of the cartridge, the opposite end extending slightly beyond the surface of the bat.

The operation is thus: The bat is so grasped as to hold the hammer directly to the front, and if, in striking, the ball comes in contact with the hammer the cartridge is thereby exploded.

What I claim is—

A ball-bat provided with an orifice shouldered and reduced at its inner end and adapted to contain a cartridge, in combination with an exploding-hammer in the outer end of said orifice, and an elastic retaining means for said hammer, substantially as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN C. SCHWANENGEL.

Witnesses:

B. PICKERING,
P. J. WORTMAN.