

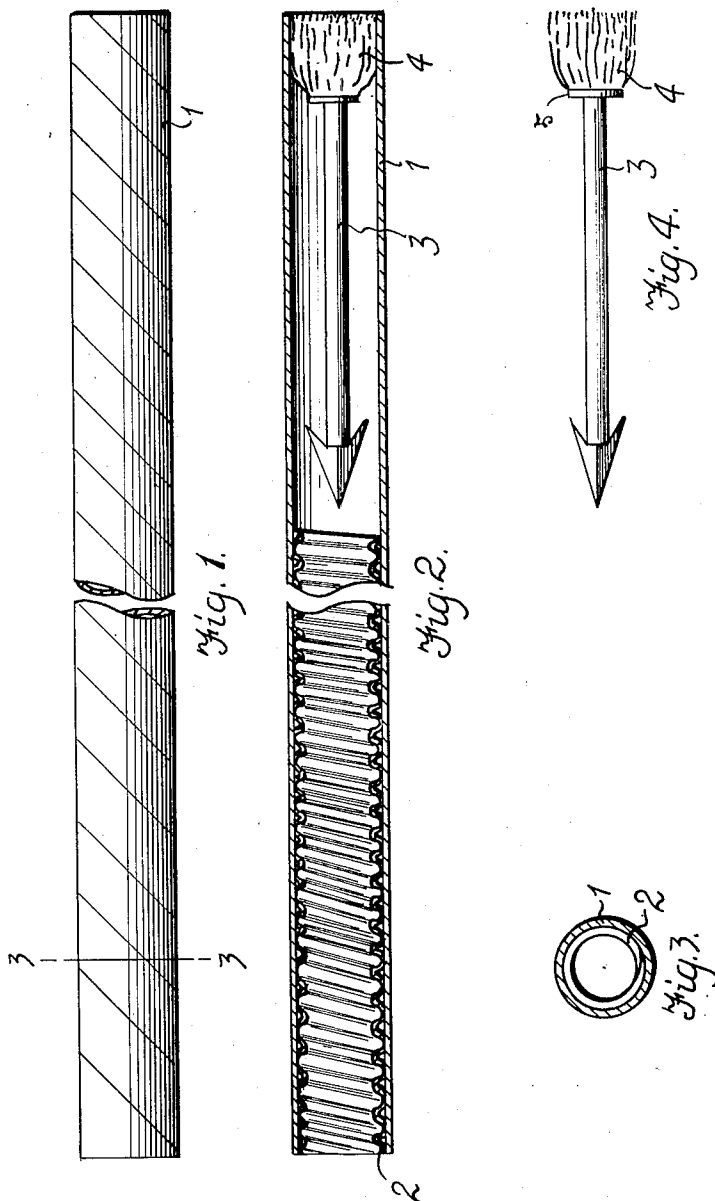
Nov. 30, 1926.

W. DE CAVIN

1,609,013

BLOWGUN

Filed May 21, 1926



INVENTOR.
W. DE CAVIN
BY *J. E. Newton*
ATTORNEY.

UNITED STATES PATENT OFFICE.

WILLIAM DE CAVIN, OF MADISON, GEORGIA.

BLOWGUN.

Application filed May 21, 1926. Serial No. 110,761.

This invention relates to improvements in blow-guns and arrows therefor, and has for its object the improvement of the interior of the blow-gun whereby improved results of blow-guns are obtained by eliminating much of the friction that has heretofore existed in such apparatus.

A second object of the invention is to facilitate the manufacture of the gun and render it cheaper than similar guns heretofore made.

With these and other objects in view which will be apparent as the description proceeds, I will now describe my invention in connection with the accompanying drawings in which:—

Figure 1 is an elevation of the gun.

Fig. 2 is a sectional view through the gun showing the arrow therein.

Fig. 3 is a cross section of the gun on the line 3—3 of Fig. 1, and,

Fig. 4 is a view of an arrow for use in the gun.

1 denotes the exterior portion of the blow-gun barrel which may be made of tin or steel preferably covered with paper which may be wrapped on the blow-gun in layers as shown in Fig. 1. I preferably coat the exterior of the paper with a finishing varnish, although this is not essential.

On the exterior of the blow-gun I form a corrugated section 2 either by corrugating the tube or inserting a corrugated section as indicated in Fig. 2. 3 denotes the shank of an arrow having the usual arrow head and

fibrous attachment 4 at its rear end. This fibrous end 4 preferably abuts against a collar 5 on the shank 3 of the arrow and the fibers are attached in any suitable manner, as for example, as is clearly shown in the patent to White 186,651. The fibers must be sufficient in volume to completely fill the interior of the tube 1 as shown in Fig. 2.

I have found that the corrugations 2 on the interior of the blow-gun are of great advantage in combination with a fibrous head such as shown in Figs. 2 and 4, especially when they are of screw-threaded shape as shown in Fig. 2 and improved results are obtained with the corrugated barrel, and besides, the corrugations add to the rigidity of the tubes.

The arrow 3 may be of wood or steel, the wooden arrow being preferably useful as a toy while the steel arrow may be operated as a weapon.

Having particularly described the invention what I claim as new is:

1. A blow-gun comprising a barrel having corrugations on its interior and an arrow having at its rear a fibrous portion filling the interior of the barrel.

2. A blow-gun comprising a barrel coated on its exterior with paper and said barrel having corrugations on its interior in combination with an arrow having a fibrous portion to snugly fit within the corrugations on the interior of the barrel.

In testimony whereof I affix my signature.

WILLIAM DE CAVIN.